



Semi-hermetic condensing units - 50Hz

State-of-the-art semi-hermetic piston technology

COPELAND™


EMERSON™



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Semi-hermetic air-cooled condensing units

For many years, users of Copeland™ semi-hermetic condensing units have relied on Emerson Commercial and Residential Solutions to provide high performance and value to the refrigeration market. Emerson is committed to continuous technical development while maintaining the traditional values of Copeland for refrigeration.

This product selection catalogue provides a complete listing of the semi-hermetic condensing unit range for 50Hz operation.

Long engineering and manufacturing experience have led to these condensing units, produced in one of the most advanced facilities in Europe. They feature excellent quality and are traditionally well known in the refrigeration industry.

Range

Three versions are available:

1. **Two-stage units** for very low temperature applications, units with 2-stage compressors in the range of 15 to 30 hp are available.

2. **High efficiency Copeland Discus™** units featuring Discus™ valve compressor technology, covering models from 5 to 40 hp. These units are specifically suitable for those applications where high efficiency is required.

For R22 low temperature applications, a liquid injection system is required (Demand Cooling). Condensing units available with this system are indicated by “DC” in the nomenclature.

3. **Standard units** from 0.75 to 32 hp, economically priced and based on K, L, 2S, 3S, 4S and 6S compressors, using reed valve technology. Models from 2 hp and above are also available with a large sized condenser (from 3 hp with twin fans), suitable for extreme conditions like high evaporating and/or high ambient temperatures. All units are fit for both medium and low temperature applications. For R22 low temperature applications, 3S, 4S and 6S compressors are supplied with a discharge gas temperature protection valve (DTC).

Note: Units with compressors 2S, 3S, 4S and 6S are only available for R404A, R134a, and R22. Models rated for R404A may also be applied with R507. In this case, multiply stated cooling capacity by 1.03 and power input and motor current by 1.02.

Models supplied with ester oil are capable of operating with R404A, R507, R407C, R407A, R134a or R22, thus suitable for a broad range of refrigerants and applications.

Standard equipment

Compressor

- Single-phase motor with thermal overload protector
- 3-phase motor protected by thermistors in motor windings and overload protector in the terminal box

All compressors are suitable for direct starting. To reduce inrush currents, motors for part-winding start are available on all Discus units and on standard units of 7.5hp and above. An unloaded start device is available as option for all units with part-winding start motors.

Safe Lubrication is another key feature available with the compressors. K and L ester oil models (identified by an “X” in the model designation) incorporate an internal oil pump to enhance durability particularly in R404A applications. Standardizing all ester oil models with this improvement permits their universal application with R404A, R22, R407C, R134a and R507. In addition, standard air-cooled compressors with splasher lubrication are available for mineral oil applications only. An oil pressure switch is not required with air-cooled models.

Condenser

- Copper tubes with aluminium fins
- Steel frame with fan baffle

Receiver

- With CC and UDT approval
- Sight glass with receivers from 11.7 onwards
- Equipped with Rotalock valve and pressure relief valve connection

Fan motors

- Thermally protected, single-phase fans
- Z-12 comes with three-phase fans
- Run capacitor mounted and wired into terminal box

- Applicable for fan speed control
- Maintenance free

CoreSense™ technology unlocks advanced diagnostics, protection and communication capabilities. With in-depth system information, technicians can make faster, more accurate decisions resulting in improved compressor performance and reliability.

For all 4M and 6M models, CoreSense will be supplied as a standard.

High / low pressure switch with automatic reset

Differential oil pressure switch (OPS2) for all S and 2D/3D models.

Electrical box

Applied on twin fan models as well as on all single-phase and three-phase versions. The single-phase equipment for compressor and fan is mounted and wired in the terminal box for easy installation.

Protection (class)

- Compressor, fan and differential oil pressure switch IP54
- High / Low pressure switch IP44
- All condensing units are supplied with a holding charge

Optional accessories*

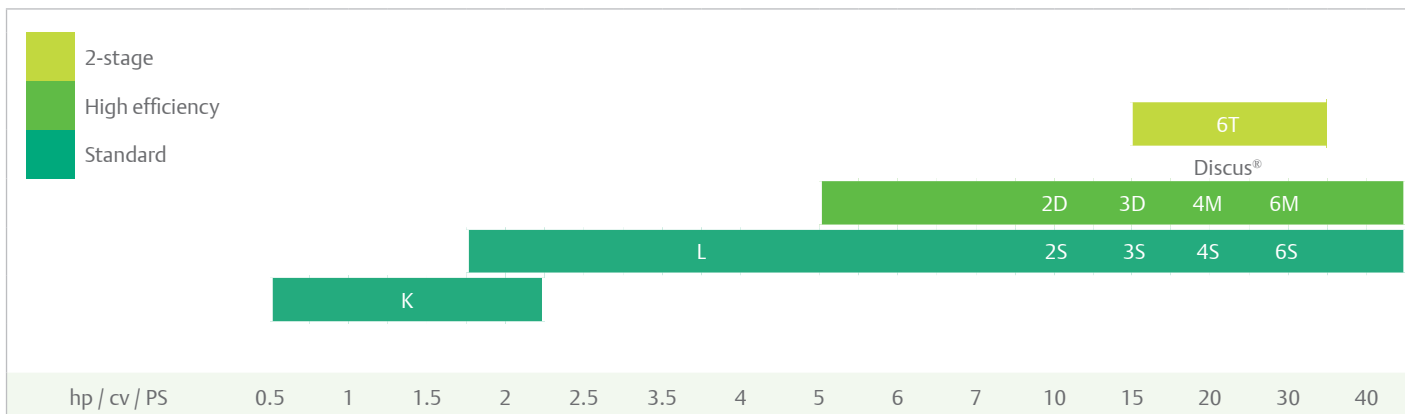
- Crankcase heater
- Unloaded start
- Filter drier
- Sight glass
- Suction accumulator
- Oil separator

*The two-stage units with Z9 condenser come with oil separator, crankcase heater and sub-cooler assembly as a standard.

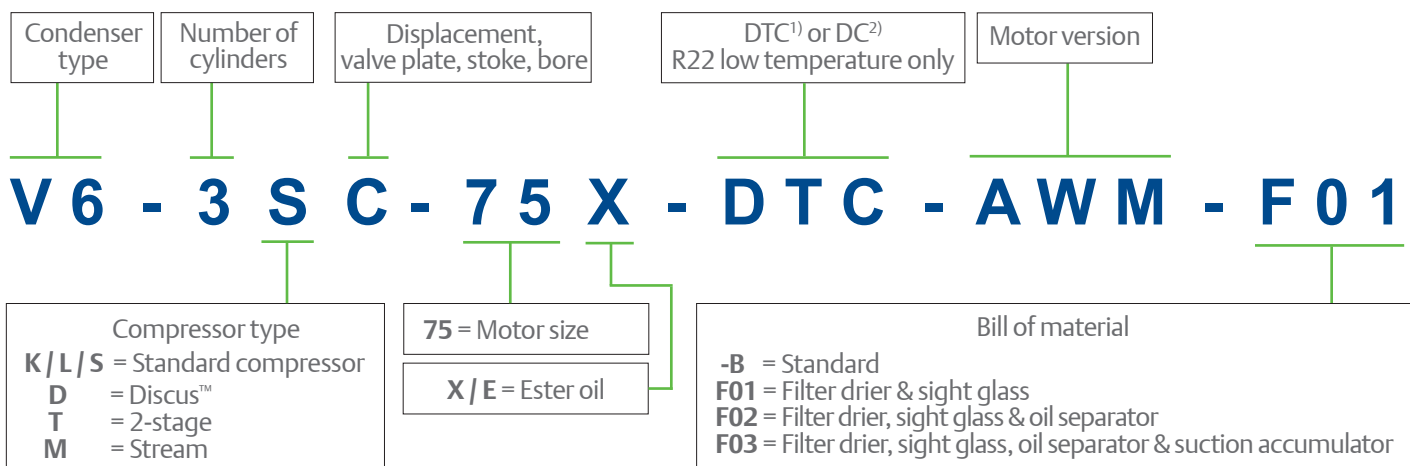
*The two-stage units with Z12 condenser come with crankcase heater, oil separator, suction accumulator, liquid line with replaceable core filter drier and moisture indicator, differential oil pressure switch (OPS2), discharge line check valve, vibration absorber and sub-cooler assembly with integrated filter drier, moisture indicator, solenoid valve and expansion valve as a standard.

General information

Product range



Nomenclature



¹⁾ DTC: Discharge gas temperature protection valve
²⁾ Demand cooling



Maximum permissible operating and off-cycle pressures

Particular attention must be paid to the vapour pressures resulting from the ambient temperature (especially at standstill). The limits permitted for the compressor and other system components must not be exceeded.

The maximum operating pressures for each model are indicated on the corresponding data sheets and on the name plates. The condensing units must only be operated in the operating ranges approved.

Maximum operating pressures

Suction side = 22.5 bar gauge
(only during standstill)

Discharge side = 32.5 bar gauge

Refrigerant oils

Mineral oils are not miscible with HFCs, and thus cannot be used with HFCs. With HFC refrigerants, polyolester-lubricants (POE) must be used. However, handling these lubricants requires extra care to ensure the long life of the equipment.

Only the following oils are approved for use with R404A, R507, R407C, R134a, R22, R407A or R407F.

Lubricants

ICI Emkarate RL 32CF
Mobil EAL Arctic 22 CC

Speciality of POE oil

The residual moisture in the installation must be below 50 ppm, and should be verified after 48 hours of operation. To achieve this, it is necessary to install a properly

Compressor motors

| Motor version | Voltage | Connection |
|---------------|--------------------------------------|------------|
| Code | V(+/-10%) / ~ / Hz | |
| CAG | 220-230 / 1 / 50 | |
| EWL + ++ | 220-240 / 3 / 50 380-420 / 3 / 50 | Δ Y |
| AWM | 380-420 / 3 / 50 | YY/Y |

YY/Y - Part winding start ratio is 2/3 : 1/3

Fan motors

| Fan motor Ø, mm | Voltage V (+/- 10%) / ~ / Hz | Run capacitor µF / V | Power input W | Motor current A |
|--------------------|---------------------------------|-------------------------|------------------|--------------------|
| 300 | 230 / 1 / 50 | 2.5 / 450 | 85 | 0.38 |
| 350 | 230 / 1 / 50 | 4 / 450 | 110/130 | 0.45/0.6 |
| 420 | 230 / 1 / 50 | 7 / 400 | 235/280 | 1.15/1.25 |
| 500 | 230 / 1 / 50 | 10 / 450 | 400/570 | 1.85/2.48 |
| 500 | 400 / 3 / 50 | - | 690 | 1.35 |

dimensioned filter drier suitable for the respective refrigerant in each system. The correct evacuation techniques are required when commissioning or servicing the refrigeration system.

Oil identification

Condensing units designed for operation with R404A, R507, R407A, R407C, R134a or R22 are factory supplied with one of the approved oils and are suitably identified in several locations to prevent unauthorized lubricant oils from being filled into the system:

- The last figure in the motor size designation is replaced by an "X" in case the compressor contains POE oil.
- A sticker is attached to the compressor close to the oil filler neck.
- In addition to these identifications, the user must mark the refrigerant used in the system on the name plate.

Cooling capacity

The capacity data was compiled according to EN 12900 and is valid for 50 cycles (Hz) operation.

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| B8-KM-7X (1) | Q | 32 | 0.34 | 0.51 | 0.70 | 0.93 | 1.18 | 1.47 | 1.80 | 2.17 | 2.58 | 3.02 | 3.20 |
| | | 38 | 0.27 | 0.43 | 0.61 | 0.82 | 1.06 | 1.34 | 1.64 | 1.99 | 2.37 | 2.78 | 2.96 |
| | | 43 | | 0.36 | 0.54 | 0.74 | 0.97 | 1.22 | 1.52 | 1.84 | 2.20 | 2.59 | 2.76 |
| | | 46 | | 0.33 | 0.50 | 0.69 | 0.91 | 1.16 | 1.44 | 1.75 | 2.10 | 2.48 | |
| | | 49 | | 0.29 | 0.46 | 0.64 | 0.86 | 1.10 | 1.37 | 1.67 | 2.01 | | |
| | P | 32 | 0.47 | 0.54 | 0.61 | 0.67 | 0.74 | 0.81 | 0.88 | 0.96 | 1.04 | 1.13 | 1.17 |
| | | 38 | 0.45 | 0.53 | 0.60 | 0.68 | 0.76 | 0.84 | 0.92 | 1.01 | 1.10 | 1.20 | 1.25 |
| | | 43 | | 0.52 | 0.60 | 0.68 | 0.77 | 0.86 | 0.95 | 1.05 | 1.15 | 1.26 | 1.31 |
| | | 46 | | 0.51 | 0.59 | 0.68 | 0.77 | 0.87 | 0.97 | 1.07 | 1.18 | 1.30 | |
| | | 49 | | 0.50 | 0.59 | 0.68 | 0.78 | 0.88 | 0.98 | 1.09 | 1.21 | | |
| B8-KJ-7X (1) | Q | 32 | 0.51 | 0.71 | 0.94 | 1.21 | 1.53 | 1.89 | 2.30 | 2.76 | | | |
| | | 38 | 0.44 | 0.62 | 0.84 | 1.09 | 1.39 | 1.73 | 2.12 | 2.55 | | | |
| | | 43 | 0.38 | 0.56 | 0.76 | 1.00 | 1.28 | 1.60 | | | | | |
| | | 46 | 0.35 | 0.52 | 0.72 | 0.95 | 1.22 | | | | | | |
| | | 49 | | 0.48 | 0.67 | | | | | | | | |
| | P | 32 | 0.58 | 0.66 | 0.75 | 0.85 | 0.95 | 1.06 | 1.19 | 1.33 | | | |
| | | 38 | 0.57 | 0.66 | 0.76 | 0.87 | 0.99 | 1.11 | 1.25 | 1.41 | | | |
| | | 43 | 0.56 | 0.66 | 0.77 | 0.88 | 1.01 | 1.15 | | | | | |
| | | 46 | 0.55 | 0.65 | 0.77 | 0.89 | 1.02 | | | | | | |
| | | 49 | | 0.65 | 0.77 | | | | | | | | |
| B8-KJ-10X (1) | Q | 32 | 0.52 | 0.71 | 0.95 | 1.23 | 1.55 | 1.93 | 2.34 | 2.80 | 3.29 | 3.81 | 4.03 |
| | | 38 | 0.45 | 0.63 | 0.85 | 1.11 | 1.41 | 1.76 | 2.15 | 2.57 | 3.03 | 3.53 | 3.73 |
| | | 43 | 0.39 | 0.56 | 0.77 | 1.01 | 1.30 | 1.62 | 1.99 | 2.39 | 2.83 | | |
| | | 46 | 0.35 | 0.52 | 0.72 | 0.96 | 1.23 | 1.54 | 1.89 | 2.28 | | | |
| | | 49 | | 0.48 | 0.67 | 0.90 | 1.16 | 1.46 | 1.80 | | | | |
| | P | 32 | 0.59 | 0.67 | 0.76 | 0.85 | 0.95 | 1.06 | 1.17 | 1.28 | 1.41 | 1.54 | 1.59 |
| | | 38 | 0.59 | 0.68 | 0.77 | 0.87 | 0.98 | 1.09 | 1.22 | 1.34 | 1.48 | 1.62 | 1.68 |
| | | 43 | 0.58 | 0.67 | 0.77 | 0.88 | 1.00 | 1.12 | 1.25 | 1.39 | 1.54 | | |
| | | 46 | 0.58 | 0.67 | 0.77 | 0.89 | 1.00 | 1.13 | 1.27 | 1.41 | | | |
| | | 49 | | 0.67 | 0.77 | 0.89 | 1.01 | 1.14 | 1.29 | | | | |
| B8-KSJ-10X (1) | Q | 32 | 0.70 | 0.94 | 1.22 | 1.54 | 1.91 | 2.33 | 2.80 | 3.33 | | | |
| | | 38 | 0.62 | 0.85 | 1.10 | 1.41 | 1.75 | 2.15 | 2.60 | | | | |
| | | 43 | 0.55 | 0.77 | 1.01 | 1.30 | 1.63 | | | | | | |
| | | 46 | 0.52 | 0.72 | 0.96 | 1.24 | | | | | | | |
| | | 49 | 0.48 | 0.68 | | | | | | | | | |
| | P | 32 | 0.74 | 0.85 | 0.97 | 1.09 | 1.22 | 1.37 | 1.55 | 1.75 | | | |
| | | 38 | 0.73 | 0.85 | 0.98 | 1.12 | 1.27 | 1.43 | 1.62 | | | | |
| | | 43 | 0.72 | 0.85 | 0.99 | 1.14 | 1.30 | | | | | | |
| | | 46 | 0.71 | 0.85 | 1.00 | 1.15 | | | | | | | |
| | | 49 | 0.71 | 0.85 | | | | | | | | | |
| D8-KSJ-15X (1) | Q | 32 | 0.75 | 0.99 | 1.30 | 1.67 | 2.11 | 2.61 | 3.17 | 3.77 | 4.43 | 5.13 | 5.43 |
| | | 38 | 0.67 | 0.89 | 1.18 | 1.53 | 1.94 | 2.40 | 2.92 | 3.49 | 4.11 | | |
| | | 43 | 0.60 | 0.81 | 1.08 | 1.41 | 1.79 | 2.23 | 2.72 | 3.26 | | | |
| | | 46 | 0.56 | 0.76 | 1.02 | 1.34 | 1.71 | 2.13 | 2.60 | 3.12 | | | |
| | | 49 | 0.52 | 0.71 | 0.96 | 1.26 | 1.62 | 2.03 | 2.48 | 2.98 | | | |
| | P | 32 | 0.80 | 0.89 | 1.00 | 1.11 | 1.22 | 1.34 | 1.46 | 1.57 | 1.68 | 1.79 | 1.82 |
| | | 38 | 0.79 | 0.90 | 1.01 | 1.14 | 1.27 | 1.40 | 1.53 | 1.66 | 1.79 | | |
| | | 43 | 0.78 | 0.90 | 1.02 | 1.16 | 1.30 | 1.44 | 1.59 | 1.73 | | | |
| | | 46 | 0.77 | 0.89 | 1.02 | 1.17 | 1.31 | 1.46 | 1.62 | 1.77 | | | |
| | | 49 | 0.76 | 0.89 | 1.03 | 1.17 | 1.33 | 1.49 | 1.65 | 1.81 | | | |
| B8-KL-15X (1) | Q | 32 | 0.79 | 1.06 | 1.37 | 1.74 | 2.16 | 2.62 | | | | | |
| | | 38 | 0.69 | 0.95 | 1.24 | 1.58 | 1.97 | 2.42 | | | | | |
| | | 43 | 0.61 | 0.85 | 1.13 | 1.46 | | | | | | | |
| | | 46 | 0.57 | 0.80 | 1.07 | | | | | | | | |
| | | 49 | 0.52 | 0.74 | | | | | | | | | |
| | P | 32 | 0.87 | 1.00 | 1.14 | 1.28 | 1.44 | 1.61 | | | | | |
| | | 38 | 0.87 | 1.01 | 1.16 | 1.32 | 1.48 | 1.66 | | | | | |
| | | 43 | 0.86 | 1.01 | 1.17 | 1.34 | | | | | | | |
| | | 46 | 0.85 | 1.01 | 1.18 | | | | | | | | |
| | | 49 | 0.84 | 1.01 | | | | | | | | | |
| D8-KSL-20X (1) | Q | 32 | 1.02 | 1.40 | 1.84 | 2.35 | 2.93 | 3.58 | 4.30 | | | | |
| | | 38 | 0.91 | 1.26 | 1.67 | 2.15 | 2.69 | 3.30 | | | | | |
| | | 43 | 0.81 | 1.15 | 1.54 | 1.99 | 2.50 | 3.07 | | | | | |
| | | 46 | 0.76 | 1.08 | 1.46 | 1.89 | 2.39 | | | | | | |
| | | 49 | 0.71 | 1.02 | 1.39 | | | | | | | | |
| | P | 32 | 1.03 | 1.20 | 1.38 | 1.57 | 1.77 | 1.97 | 2.18 | | | | |
| | | 38 | 1.02 | 1.21 | 1.40 | 1.61 | 1.83 | 2.06 | | | | | |
| | | 43 | 1.01 | 1.21 | 1.42 | 1.64 | 1.87 | 2.12 | | | | | |
| | | 46 | 1.01 | 1.21 | 1.42 | 1.65 | 1.90 | | | | | | |
| | | 49 | 1.00 | 1.20 | 1.43 | | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| H8-KSL-20X (1) | Q | 32 | 1.05 | 1.45 | 1.91 | 2.46 | 3.08 | 3.79 | 4.60 | 5.50 | | | |
| | | 38 | 0.93 | 1.30 | 1.74 | 2.25 | 2.83 | 3.50 | 4.26 | | | | |
| | | 43 | 0.83 | 1.19 | 1.60 | 2.08 | 2.63 | 3.26 | | | | | |
| | | 46 | 0.78 | 1.12 | 1.52 | 1.98 | 2.51 | 3.12 | | | | | |
| | | 49 | 0.72 | 1.05 | 1.44 | 1.88 | 2.40 | | | | | | |
| | P | 32 | 1.15 | 1.32 | 1.49 | 1.67 | 1.85 | 2.03 | 2.20 | 2.37 | | | |
| | | 38 | 1.15 | 1.33 | 1.52 | 1.72 | 1.92 | 2.12 | 2.32 | | | | |
| | | 43 | 1.14 | 1.33 | 1.54 | 1.75 | 1.97 | 2.19 | | | | | |
| | | 46 | 1.13 | 1.33 | 1.54 | 1.77 | 2.00 | 2.23 | | | | | |
| | | 49 | 1.13 | 1.33 | 1.55 | 1.78 | 2.02 | | | | | | |
| D8-LE-20X (1) | Q | 32 | 0.81 | 1.19 | 1.64 | 2.19 | 2.82 | 3.54 | 4.35 | 5.24 | 6.20 | 7.25 | |
| | | 38 | 0.67 | 1.02 | 1.45 | 1.96 | 2.55 | 3.22 | 3.98 | 4.81 | 5.72 | | |
| | | 43 | 0.55 | 0.89 | 1.29 | 1.77 | 2.33 | 2.96 | 3.68 | 4.46 | 5.32 | | |
| | | 46 | 0.48 | 0.81 | 1.20 | 1.66 | 2.20 | 2.81 | 3.50 | 4.26 | | | |
| | | 49 | | 0.74 | 1.11 | 1.56 | 2.08 | 2.67 | 3.33 | | | | |
| | P | 32 | 1.05 | 1.21 | 1.38 | 1.57 | 1.77 | 1.98 | 2.20 | 2.44 | 2.68 | 2.93 | |
| | | 38 | 1.02 | 1.19 | 1.38 | 1.58 | 1.80 | 2.03 | 2.28 | 2.53 | 2.80 | | |
| | | 43 | 0.99 | 1.17 | 1.37 | 1.59 | 1.82 | 2.07 | 2.33 | 2.60 | 2.88 | | |
| | | 46 | 0.97 | 1.15 | 1.36 | 1.59 | 1.83 | 2.09 | 2.36 | 2.64 | | | |
| | | 49 | | 1.14 | 1.35 | 1.58 | 1.83 | 2.10 | 2.38 | | | | |
| H8-LE-20X (1) | Q | 32 | 0.84 | 1.23 | 1.72 | 2.31 | 3.00 | 3.80 | 4.71 | 5.74 | 6.87 | 8.12 | 8.66 |
| | | 38 | 0.69 | 1.06 | 1.51 | 2.06 | 2.71 | 3.45 | 4.30 | 5.26 | 6.33 | 7.51 | 8.00 |
| | | 43 | 0.57 | 0.92 | 1.35 | 1.86 | 2.47 | 3.17 | 3.98 | 4.88 | 5.89 | | |
| | | 46 | 0.50 | 0.84 | 1.25 | 1.75 | 2.33 | 3.01 | 3.78 | 4.66 | 5.63 | | |
| | | 49 | | 0.76 | 1.16 | 1.64 | 2.20 | 2.85 | 3.60 | 4.44 | 5.38 | | |
| | P | 32 | 1.18 | 1.34 | 1.51 | 1.69 | 1.87 | 2.06 | 2.25 | 2.44 | 2.63 | 2.82 | 2.90 |
| | | 38 | 1.15 | 1.32 | 1.50 | 1.70 | 1.91 | 2.12 | 2.34 | 2.56 | 2.77 | 2.99 | 3.08 |
| | | 43 | 1.11 | 1.30 | 1.50 | 1.71 | 1.93 | 2.16 | 2.40 | 2.64 | 2.88 | | |
| | | 46 | 1.09 | 1.28 | 1.49 | 1.71 | 1.94 | 2.19 | 2.43 | 2.69 | 2.94 | | |
| | | 49 | | 1.27 | 1.48 | 1.71 | 1.95 | 2.21 | 2.47 | 2.73 | 3.00 | | |
| D8-LF-20X (1) | Q | 32 | 1.15 | 1.65 | 2.25 | 2.96 | 3.76 | 4.67 | | | | | |
| | | 38 | 0.98 | 1.44 | 2.01 | 2.67 | 3.42 | 4.27 | | | | | |
| | | 43 | 0.85 | 1.28 | 1.81 | 2.43 | 3.15 | | | | | | |
| | | 46 | 0.77 | 1.18 | 1.69 | 2.29 | | | | | | | |
| | | 49 | 0.70 | 1.09 | | | | | | | | | |
| | P | 32 | 1.32 | 1.55 | 1.81 | 2.09 | 2.39 | 2.72 | | | | | |
| | | 38 | 1.29 | 1.54 | 1.82 | 2.12 | 2.44 | 2.79 | | | | | |
| | | 43 | 1.27 | 1.53 | 1.82 | 2.14 | 2.48 | | | | | | |
| | | 46 | 1.25 | 1.52 | 1.81 | 2.14 | | | | | | | |
| | | 49 | 1.23 | 1.50 | | | | | | | | | |
| H8-LF-30X (1) | Q | 32 | 1.22 | 1.73 | 2.38 | 3.17 | 4.09 | 5.12 | 6.27 | 7.52 | 8.86 | 10.30 | 10.85 |
| | | 38 | 1.04 | 1.51 | 2.12 | 2.86 | 3.72 | 4.69 | 5.77 | 6.94 | 8.20 | 9.54 | 10.10 |
| | | 43 | 0.90 | 1.34 | 1.91 | 2.61 | 3.42 | 4.34 | 5.36 | 6.48 | 7.67 | 8.93 | |
| | | 46 | 0.82 | 1.24 | 1.79 | 2.46 | 3.25 | 4.14 | 5.13 | 6.20 | 7.35 | | |
| | | 49 | 0.74 | 1.14 | 1.68 | 2.32 | 3.08 | 3.94 | 4.89 | | | | |
| | P | 32 | 1.45 | 1.67 | 1.91 | 2.17 | 2.44 | 2.72 | 2.99 | 3.27 | 3.54 | 3.81 | 3.91 |
| | | 38 | 1.42 | 1.66 | 1.92 | 2.21 | 2.50 | 2.80 | 3.10 | 3.41 | 3.71 | 4.01 | 4.12 |
| | | 43 | 1.40 | 1.65 | 1.93 | 2.23 | 2.54 | 2.86 | 3.19 | 3.52 | 3.84 | 4.16 | |
| | | 46 | 1.38 | 1.64 | 1.93 | 2.24 | 2.56 | 2.89 | 3.23 | 3.58 | 3.92 | | |
| | | 49 | 1.36 | 1.63 | 1.92 | 2.24 | 2.58 | 2.92 | 3.27 | | | | |
| P8-LF-30X (2) | Q | 32 | 1.25 | 1.78 | 2.46 | 3.29 | 4.27 | 5.39 | 6.65 | 8.04 | 9.54 | 11.15 | 11.85 |
| | | 38 | 1.07 | 1.55 | 2.19 | 2.97 | 3.88 | 4.94 | 6.12 | 7.42 | 8.84 | 10.35 | 11.00 |
| | | 43 | 0.92 | 1.37 | 1.97 | 2.71 | 3.57 | 4.57 | 5.68 | 6.92 | 8.26 | 9.70 | 10.30 |
| | | 46 | 0.84 | 1.27 | 1.85 | 2.56 | 3.39 | 4.35 | 5.43 | 6.62 | 7.92 | 9.32 | 9.90 |
| | | 49 | 0.76 | 1.17 | 1.73 | 2.41 | 3.22 | 4.14 | 5.18 | 6.33 | 7.59 | 8.94 | |
| | P | 32 | 1.44 | 1.66 | 1.89 | 2.14 | 2.39 | 2.64 | 2.89 | 3.12 | 3.34 | 3.54 | 3.62 |
| | | 38 | 1.41 | 1.65 | 1.91 | 2.18 | 2.46 | 2.74 | 3.01 | 3.28 | 3.54 | 3.77 | 3.86 |
| | | 43 | 1.39 | 1.64 | 1.91 | 2.20 | 2.50 | 2.81 | 3.11 | 3.40 | 3.68 | 3.95 | 4.05 |
| | | 46 | 1.37 | 1.63 | 1.91 | 2.21 | 2.53 | 2.84 | 3.16 | 3.47 | 3.77 | 4.05 | 4.16 |
| | | 49 | 1.35 | 1.62 | 1.91 | 2.22 | 2.55 | 2.88 | 3.21 | 3.53 | 3.85 | 4.15 | |
| H8-LJ-20X (1) | Q | 32 | 1.38 | 1.99 | 2.75 | 3.64 | 4.67 | | | | | | |
| | | 38 | 1.19 | 1.76 | 2.45 | 3.28 | 4.23 | | | | | | |
| | | 43 | 1.05 | 1.56 | 2.21 | 2.98 | 3.88 | | | | | | |
| | | 46 | 0.96 | 1.45 | 2.07 | 2.81 | 3.67 | | | | | | |
| | | 49 | 0.88 | 1.34 | 1.92 | | | | | | | | |
| | P | 32 | 1.57 | 1.84 | 2.13 | 2.44 | 2.77 | | | | | | |
| | | 38 | 1.55 | 1.83 | 2.15 | 2.48 | 2.84 | | | | | | |
| | | 43 | 1.52 | 1.82 | 2.15 | 2.51 | 2.88 | | | | | | |
| | | 46 | 1.50 | 1.81 | 2.15 | 2.51 | 2.90 | | | | | | |
| | | 49 | 1.48 | 1.79 | 2.14 | | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| H8-LJ-30X (1) | Q | 32 | 1.43 | 2.01 | 2.74 | 3.63 | 4.64 | 5.78 | 7.02 | 8.34 | 9.74 | 11.20 | |
| | | 38 | 1.22 | 1.75 | 2.44 | 3.27 | 4.22 | 5.29 | 6.45 | 7.69 | 9.00 | | |
| | | 43 | 1.06 | 1.56 | 2.21 | 2.99 | 3.89 | 4.90 | 6.00 | 7.17 | | | |
| | | 46 | 0.98 | 1.45 | 2.08 | 2.83 | 3.70 | 4.67 | 5.73 | 6.86 | | | |
| | | 49 | 0.89 | 1.35 | 1.95 | 2.68 | 3.52 | 4.45 | 5.47 | | | | |
| | P | 32 | 1.55 | 1.82 | 2.12 | 2.43 | 2.75 | 3.08 | 3.42 | 3.76 | 4.08 | 4.40 | |
| | | 38 | 1.52 | 1.81 | 2.13 | 2.46 | 2.81 | 3.17 | 3.54 | 3.91 | 4.26 | | |
| | | 43 | 1.49 | 1.80 | 2.13 | 2.49 | 2.86 | 3.24 | 3.63 | 4.02 | | | |
| | | 46 | 1.47 | 1.79 | 2.13 | 2.50 | 2.88 | 3.28 | 3.68 | 4.09 | | | |
| | | 49 | 1.46 | 1.78 | 2.13 | 2.51 | 2.91 | 3.32 | 3.73 | | | | |
| P8-LJ-30X (2) | Q | 32 | 1.47 | 2.07 | 2.85 | 3.79 | 4.89 | 6.13 | 7.51 | 9.00 | 10.60 | 12.30 | 13.00 |
| | | 38 | 1.25 | 1.81 | 2.53 | 3.41 | 4.44 | 5.61 | 6.89 | 8.29 | 9.80 | 11.40 | |
| | | 43 | 1.09 | 1.61 | 2.29 | 3.12 | 4.09 | 5.19 | 6.40 | 7.72 | 9.14 | | |
| | | 46 | 1.00 | 1.50 | 2.15 | 2.95 | 3.88 | 4.94 | 6.12 | 7.39 | 8.76 | | |
| | | 49 | 0.91 | 1.39 | 2.02 | 2.79 | 3.69 | 4.71 | 5.84 | 7.07 | | | |
| | P | 32 | 1.54 | 1.81 | 2.09 | 2.39 | 2.70 | 3.00 | 3.30 | 3.58 | 3.85 | 4.09 | 4.18 |
| | | 38 | 1.51 | 1.80 | 2.11 | 2.44 | 2.77 | 3.10 | 3.43 | 3.75 | 4.05 | 4.33 | |
| | | 43 | 1.48 | 1.79 | 2.12 | 2.46 | 2.82 | 3.18 | 3.53 | 3.88 | 4.22 | | |
| | | 46 | 1.46 | 1.78 | 2.12 | 2.48 | 2.85 | 3.22 | 3.59 | 3.96 | 4.31 | | |
| | | 49 | 1.45 | 1.77 | 2.12 | 2.49 | 2.87 | 3.26 | 3.65 | 4.03 | | | |
| H8-LL-30X (1) | Q | 32 | 1.88 | 2.63 | 3.52 | 4.56 | 5.74 | | | | | | |
| | | 38 | 1.63 | 2.34 | 3.17 | 4.14 | 5.25 | | | | | | |
| | | 43 | | 2.10 | 2.89 | 3.81 | 4.86 | | | | | | |
| | | 46 | | 1.95 | 2.72 | 3.61 | | | | | | | |
| | | 49 | | 1.82 | | | | | | | | | |
| | P | 32 | 1.92 | 2.24 | 2.59 | 2.98 | 3.41 | | | | | | |
| | | 38 | 1.91 | 2.25 | 2.63 | 3.06 | 3.52 | | | | | | |
| | | 43 | | 2.26 | 2.67 | 3.11 | 3.61 | | | | | | |
| | | 46 | | 2.26 | 2.68 | 3.15 | | | | | | | |
| | | 49 | | 2.26 | | | | | | | | | |
| H8-LL-40X (1) | Q | 32 | 1.92 | 2.63 | 3.51 | 4.55 | 5.74 | 7.04 | 8.46 | 9.96 | 11.55 | | |
| | | 38 | | 2.33 | 3.16 | 4.13 | 5.25 | 6.47 | 7.80 | 9.21 | | | |
| | | 43 | | 2.10 | 2.88 | 3.80 | 4.85 | 6.02 | 7.27 | 8.60 | | | |
| | | 46 | | 1.96 | 2.72 | 3.61 | 4.63 | 5.75 | 6.96 | | | | |
| | | 49 | | 1.83 | 2.56 | 3.43 | 4.41 | 5.49 | | | | | |
| | P | 32 | 1.94 | 2.25 | 2.59 | 2.96 | 3.36 | 3.78 | 4.24 | 4.72 | 5.23 | | |
| | | 38 | | 2.27 | 2.63 | 3.02 | 3.45 | 3.92 | 4.41 | 4.93 | | | |
| | | 43 | | 2.27 | 2.65 | 3.07 | 3.53 | 4.02 | 4.54 | 5.10 | | | |
| | | 46 | | 2.28 | 2.67 | 3.10 | 3.57 | 4.08 | 4.62 | | | | |
| | | 49 | | 2.28 | 2.69 | 3.13 | 3.62 | 4.14 | | | | | |
| P8-LL-40X (2) | Q | 32 | 1.99 | 2.73 | 3.67 | 4.80 | 6.10 | 7.56 | 9.16 | 10.90 | 12.75 | 14.70 | 15.50 |
| | | 38 | | 2.42 | 3.30 | 4.35 | 5.57 | 6.94 | 8.44 | 10.05 | 11.80 | | |
| | | 43 | | 2.18 | 3.01 | 4.00 | 5.15 | 6.44 | 7.86 | 9.40 | 11.05 | | |
| | | 46 | | 2.04 | 2.84 | 3.80 | 4.91 | 6.15 | 7.52 | 9.01 | | | |
| | | 49 | | 1.90 | 2.67 | 3.60 | 4.67 | 5.87 | 7.20 | 8.63 | | | |
| | P | 32 | 1.93 | 2.23 | 2.55 | 2.90 | 3.27 | 3.65 | 4.04 | 4.45 | 4.86 | 5.27 | 5.44 |
| | | 38 | | 2.25 | 2.60 | 2.97 | 3.37 | 3.79 | 4.23 | 4.68 | 5.14 | | |
| | | 43 | | 2.26 | 2.63 | 3.03 | 3.46 | 3.91 | 4.38 | 4.86 | 5.36 | | |
| | | 46 | | 2.26 | 2.64 | 3.06 | 3.50 | 3.97 | 4.46 | 4.97 | | | |
| | | 49 | | 2.27 | 2.66 | 3.09 | 3.55 | 4.04 | 4.55 | 5.08 | | | |
| H8-LSG-40X (1) | Q | 32 | 2.55 | 3.50 | 4.59 | 5.78 | 7.05 | | | | | | |
| | | 38 | 2.28 | 3.16 | 4.18 | 5.29 | 6.49 | | | | | | |
| | | 43 | 2.05 | 2.88 | 3.84 | 4.90 | | | | | | | |
| | | 46 | 1.92 | 2.72 | | | | | | | | | |
| | | 49 | 1.79 | | | | | | | | | | |
| | P | 32 | 2.50 | 2.96 | 3.45 | 3.96 | 4.47 | | | | | | |
| | | 38 | 2.50 | 2.99 | 3.51 | 4.05 | 4.60 | | | | | | |
| | | 43 | 2.49 | 3.00 | 3.55 | 4.11 | | | | | | | |
| | | 46 | 2.48 | 3.00 | | | | | | | | | |
| | | 49 | 2.46 | | | | | | | | | | |
| M8-2SA-45X Air (1) | Q | 32 | 2.52 | 3.43 | 4.47 | 5.68 | 7.04 | | | | | | |
| | | 38 | 2.24 | 3.10 | 4.09 | 5.22 | 6.50 | | | | | | |
| | | 43 | 1.67 | 2.83 | 3.77 | 4.85 | 6.07 | | | | | | |
| | | 46 | 1.53 | 2.68 | 3.59 | 4.63 | | | | | | | |
| | | 49 | 1.39 | 2.53 | | | | | | | | | |
| | P | 32 | 2.34 | 2.75 | 3.18 | 3.64 | 4.13 | | | | | | |
| | | 38 | 2.32 | 2.77 | 3.24 | 3.75 | 4.28 | | | | | | |
| | | 43 | 2.31 | 2.78 | 3.28 | 3.82 | 4.40 | | | | | | |
| | | 46 | 2.29 | 2.78 | 3.31 | 3.87 | | | | | | | |
| | | 49 | 2.27 | 2.78 | | | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

20K Superheat
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| R7-2SA-45X Air (2) | Q | 32 | 2.60 | 3.54 | 4.65 | 5.93 | 7.41 | 9.09 | | | | | |
| | | 38 | 2.31 | 3.20 | 4.25 | 5.46 | 6.85 | | | | | | |
| | | 43 | 2.08 | 2.93 | 3.92 | 5.07 | 6.39 | | | | | | |
| | | 46 | 1.58 | 2.77 | 3.73 | 4.84 | 6.12 | | | | | | |
| | | 49 | 1.44 | 2.61 | 3.54 | 4.62 | | | | | | | |
| | P | 32 | 2.57 | 2.97 | 3.38 | 3.81 | 4.26 | 4.73 | | | | | |
| | | 38 | 2.56 | 3.00 | 3.45 | 3.93 | 4.42 | | | | | | |
| | | 43 | 2.54 | 3.01 | 3.50 | 4.01 | 4.55 | | | | | | |
| | | 46 | 2.53 | 3.01 | 3.52 | 4.06 | 4.62 | | | | | | |
| | | 49 | 2.51 | 3.01 | 3.55 | 4.10 | | | | | | | |
| M9-2SA-55X (1) | Q | 32 | | | | | 6.15 | 8.08 | 9.95 | 12.00 | 14.25 | 16.60 | 17.60 |
| | | 38 | | | | | 5.60 | 7.22 | 9.18 | 11.05 | 13.10 | 15.30 | 16.15 |
| | | 43 | | | | | | 6.69 | 8.37 | 10.30 | 12.20 | | |
| | | 46 | | | | | | 6.38 | 7.99 | 9.85 | | | |
| | | 49 | | | | | | 6.09 | 7.63 | | | | |
| | P | 32 | | | | | 4.23 | 4.72 | 5.19 | 5.67 | 6.18 | 6.75 | 7.00 |
| | | 38 | | | | | 4.32 | 4.88 | 5.42 | 5.97 | 6.54 | 7.16 | 7.42 |
| | | 43 | | | | | | 4.98 | 5.58 | 6.19 | 6.82 | | |
| | | 46 | | | | | | 5.02 | 5.67 | 6.31 | | | |
| | | 49 | | | | | | 5.05 | 5.74 | | | | |
| R7-LHA-50X (2) | Q | 32 | 3.23 | 4.35 | 5.65 | 7.16 | 8.89 | 10.85 | | | | | |
| | | 38 | 2.56 | 3.96 | 5.20 | 6.62 | 8.25 | 10.09 | | | | | |
| | | 43 | 2.27 | 3.31 | 4.83 | 6.18 | 7.72 | | | | | | |
| | | 46 | 2.10 | 3.11 | 4.27 | 5.92 | 7.42 | | | | | | |
| | | 49 | 1.94 | 2.91 | 4.04 | | | | | | | | |
| | P | 32 | 3.30 | 3.78 | 4.29 | 4.82 | 5.38 | 5.98 | | | | | |
| | | 38 | 3.30 | 3.82 | 4.37 | 4.96 | 5.58 | 6.24 | | | | | |
| | | 43 | 3.29 | 3.84 | 4.43 | 5.06 | 5.73 | | | | | | |
| | | 46 | 3.29 | 3.85 | 4.46 | 5.12 | 5.82 | | | | | | |
| | | 49 | 3.28 | 3.86 | 4.49 | | | | | | | | |
| S9-2SC-65X (2) | Q | 32 | | | | | 9.15 | 11.10 | 13.25 | 15.50 | 17.95 | 20.50 | 21.60 |
| | | 38 | | | | | 7.94 | 9.74 | 11.85 | 13.85 | 16.05 | 18.30 | 19.25 |
| | | 43 | | | | | | 8.72 | 10.70 | 12.50 | 14.45 | 16.45 | 17.30 |
| | | 46 | | | | | | 8.11 | 9.78 | 11.70 | 13.50 | | |
| | | 49 | | | | | | 7.51 | 9.07 | 10.85 | | | |
| | P | 32 | | | | | 5.78 | 6.40 | 7.05 | 7.71 | 8.39 | 9.09 | 9.37 |
| | | 38 | | | | | 5.94 | 6.62 | 7.35 | 8.09 | 8.85 | 9.64 | 9.95 |
| | | 43 | | | | | | 6.82 | 7.60 | 8.41 | 9.24 | 10.10 | 10.45 |
| | | 46 | | | | | | 6.94 | 7.75 | 8.60 | 9.47 | | |
| | | 49 | | | | | | 7.07 | 7.91 | 8.80 | | | |
| V9-3SA-75X (2) | Q | 32 | | | | | 9.47 | 11.85 | 14.60 | 17.70 | 21.20 | 25.00 | 26.60 |
| | | 38 | | | | | 8.26 | 10.90 | 13.45 | 16.35 | 19.55 | 23.10 | 24.60 |
| | | 43 | | | | | | 9.76 | 12.50 | 15.20 | 18.25 | 21.60 | 23.00 |
| | | 46 | | | | | | 9.29 | 11.70 | 14.55 | 17.45 | | |
| | | 49 | | | | | | 8.83 | 11.15 | 13.90 | | | |
| | P | 32 | | | | | 5.57 | 6.18 | 6.83 | 7.50 | 8.23 | 9.02 | 9.35 |
| | | 38 | | | | | 5.71 | 6.40 | 7.13 | 7.91 | 8.74 | 9.64 | 10.00 |
| | | 43 | | | | | | 6.56 | 7.37 | 8.23 | 9.15 | 10.15 | 10.55 |
| | | 46 | | | | | | 6.66 | 7.51 | 8.42 | 9.40 | | |
| | | 49 | | | | | | 6.75 | 7.65 | 8.61 | | | |
| S9-3SC-750 DTC (2) | Q | 32 | 3.63 | 5.10 | 6.86 | 8.92 | 11.30 | 13.95 | 16.95 | 20.20 | | | |
| | | 38 | 3.08 | 4.44 | 6.07 | 7.99 | 10.20 | 12.70 | 15.45 | | | | |
| | | 43 | 2.64 | 3.91 | 5.43 | 7.23 | 9.30 | | | | | | |
| | | 46 | 2.39 | 3.60 | 5.06 | 6.78 | | | | | | | |
| | | 49 | 2.14 | 3.30 | | | | | | | | | |
| | P | 32 | 3.75 | 4.41 | 5.09 | 5.83 | 6.63 | 7.52 | 8.50 | 9.60 | | | |
| | | 38 | 3.68 | 4.40 | 5.16 | 5.97 | 6.84 | 7.80 | 8.87 | | | | |
| | | 43 | 3.60 | 4.38 | 5.20 | 6.08 | 7.02 | | | | | | |
| | | 46 | 3.54 | 4.36 | 5.22 | 6.14 | | | | | | | |
| | | 49 | 3.48 | 4.34 | | | | | | | | | |
| V6-3SC-750 DTC (2) | Q | 32 | 3.80 | 5.38 | 7.28 | 9.55 | 12.20 | 15.20 | 18.65 | 22.50 | | | |
| | | 38 | 3.23 | 4.69 | 6.45 | 8.56 | 11.05 | 13.85 | 17.10 | 20.70 | | | |
| | | 43 | 2.77 | 4.13 | 5.78 | 7.76 | 10.10 | 12.75 | 15.80 | 19.25 | | | |
| | | 46 | 2.51 | 3.81 | 5.39 | 7.29 | 9.52 | 12.10 | | | | | |
| | | 49 | 2.25 | 3.49 | 5.00 | 6.82 | | | | | | | |
| | P | 32 | 4.10 | 4.73 | 5.38 | 6.07 | 6.80 | 7.58 | 8.42 | 9.35 | | | |
| | | 38 | 4.04 | 4.74 | 5.46 | 6.22 | 7.01 | 7.87 | 8.79 | 9.80 | | | |
| | | 43 | 3.96 | 4.72 | 5.51 | 6.33 | 7.20 | 8.12 | 9.11 | 10.20 | | | |
| | | 46 | 3.90 | 4.71 | 5.53 | 6.40 | 7.30 | 8.27 | | | | | |
| | | 49 | 3.84 | 4.69 | 5.56 | 6.46 | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

20K Superheat
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| V6-3SC-100X (2) | Q | 32 | | | | | 11.85 | 14.70 | 18.05 | 21.80 | 26.10 | 30.90 | 32.90 |
| | | 38 | | | | | 10.50 | 13.60 | 16.70 | 20.20 | 24.20 | 28.60 | 30.50 |
| | | 43 | | | | | 9.76 | 12.35 | 15.60 | 18.90 | 22.60 | 26.80 | 28.50 |
| | | 46 | | | | | | 11.80 | 14.70 | 18.15 | 21.70 | 25.70 | 27.40 |
| | | 49 | | | | | | 11.30 | 14.05 | 17.40 | 20.80 | | |
| | P | 32 | | | | | 7.02 | 7.70 | 8.39 | 9.10 | 9.84 | 10.60 | 10.95 |
| | | 38 | | | | | 7.27 | 8.05 | 8.85 | 9.67 | 10.55 | 11.45 | 11.80 |
| | | 43 | | | | | 7.45 | 8.31 | 9.21 | 10.15 | 11.10 | 12.10 | 12.50 |
| | | 46 | | | | | | 8.46 | 9.41 | 10.40 | 11.40 | 12.50 | 12.95 |
| | | 49 | | | | | | 8.60 | 9.61 | 10.65 | 11.75 | | |
| V6-3SS-1000 DTC (2) | Q | 32 | 5.02 | 7.16 | 9.66 | 12.55 | 15.85 | 19.55 | 23.60 | 28.10 | | | |
| | | 38 | 4.29 | 6.30 | 8.65 | 11.35 | 14.45 | 17.90 | 21.80 | 26.00 | | | |
| | | 43 | 3.71 | 5.62 | 7.85 | 10.40 | 13.30 | 16.60 | | | | | |
| | | 46 | 3.37 | 5.23 | 7.38 | 9.85 | 12.65 | | | | | | |
| | | 49 | 3.05 | 4.85 | 6.93 | | | | | | | | |
| | P | 32 | 5.37 | 6.33 | 7.32 | 8.34 | 9.44 | 10.65 | 11.95 | 13.40 | | | |
| | | 38 | 5.33 | 6.39 | 7.46 | 8.57 | 9.75 | 11.00 | 12.40 | 13.95 | | | |
| | | 43 | 5.28 | 6.42 | 7.57 | 8.76 | 10.00 | 11.35 | | | | | |
| | | 46 | 5.24 | 6.43 | 7.64 | 8.88 | 10.20 | | | | | | |
| | | 49 | 5.20 | 6.45 | 7.70 | | | | | | | | |
| W9-3SS-1000 DTC (2) | Q | 32 | 5.05 | 7.20 | 9.72 | 12.65 | 15.95 | 19.70 | 23.90 | 28.50 | | | |
| | | 38 | 4.31 | 6.34 | 8.71 | 11.45 | 14.55 | 18.05 | 22.00 | 26.30 | | | |
| | | 43 | 3.72 | 5.65 | 7.90 | 10.50 | 13.40 | 16.75 | | | | | |
| | | 46 | 3.39 | 5.26 | 7.43 | 9.92 | 12.75 | | | | | | |
| | | 49 | 3.06 | 4.88 | 6.97 | | | | | | | | |
| | P | 32 | 5.37 | 6.33 | 7.31 | 8.33 | 9.42 | 10.60 | 11.90 | 13.35 | | | |
| | | 38 | 5.33 | 6.38 | 7.45 | 8.56 | 9.72 | 11.00 | 12.35 | 13.85 | | | |
| | | 43 | 5.28 | 6.42 | 7.56 | 8.75 | 9.99 | 11.30 | | | | | |
| | | 46 | 5.24 | 6.43 | 7.63 | 8.86 | 10.15 | | | | | | |
| | | 49 | 5.20 | 6.45 | 7.70 | | | | | | | | |
| W9-3SS-150X (2) | Q | 32 | | | | | 16.15 | 19.80 | 24.00 | 28.60 | 33.70 | 39.20 | 41.50 |
| | | 38 | | | | | 14.45 | 17.95 | 22.20 | 26.50 | 31.20 | 36.30 | 38.50 |
| | | 43 | | | | | | 16.75 | 20.80 | 24.80 | 29.20 | 34.00 | |
| | | 46 | | | | | | 16.00 | 19.60 | 23.80 | | | |
| | | 49 | | | | | | 15.30 | 18.75 | | | | |
| | P | 32 | | | | | 9.50 | 10.55 | 11.60 | 12.80 | 14.05 | 15.40 | 16.00 |
| | | 38 | | | | | 9.78 | 10.95 | 12.15 | 13.50 | 14.90 | 16.45 | 17.10 |
| | | 43 | | | | | | 11.30 | 12.65 | 14.10 | 15.65 | 17.35 | |
| | | 46 | | | | | | 11.50 | 12.90 | 14.45 | | | |
| | | 49 | | | | | | 11.75 | 13.20 | | | | |
| Z9-4SA-200X (4) | Q | 32 | | | | | 19.20 | 23.90 | 29.20 | 35.20 | 41.90 | 49.40 | 52.60 |
| | | 38 | | | | | 17.20 | 22.00 | 26.90 | 32.50 | 38.80 | 45.80 | 48.80 |
| | | 43 | | | | | 15.80 | 20.00 | 25.10 | 30.40 | 36.30 | 42.80 | 45.60 |
| | | 46 | | | | | | 19.00 | 24.00 | 29.10 | 34.70 | 41.00 | 43.70 |
| | | 49 | | | | | | | 22.50 | 27.80 | 33.20 | 39.20 | 41.80 |
| | P | 32 | | | | | 10.40 | 11.35 | 12.30 | 13.25 | 14.15 | 15.10 | 15.45 |
| | | 38 | | | | | 10.80 | 11.90 | 12.95 | 14.05 | 15.15 | 16.20 | 16.65 |
| | | 43 | | | | | 11.10 | 12.25 | 13.45 | 14.65 | 15.90 | 17.10 | 17.60 |
| | | 46 | | | | | | 12.50 | 13.75 | 15.05 | 16.30 | 17.65 | 18.15 |
| | | 49 | | | | | | | 14.00 | 15.35 | 16.75 | 18.15 | 18.70 |
| V6-4SL-1500 DTC (2) | Q | 32 | 7.23 | 9.89 | 13.05 | 16.70 | 20.80 | 25.50 | 30.60 | 36.10 | | | |
| | | 38 | 6.29 | 8.73 | 11.60 | 14.95 | 18.80 | 23.10 | | | | | |
| | | 43 | 5.49 | 7.74 | 10.40 | 13.50 | 17.05 | | | | | | |
| | | 46 | 5.02 | 7.15 | 9.67 | | | | | | | | |
| | | 49 | 4.56 | 6.55 | | | | | | | | | |
| | P | 32 | 7.33 | 8.59 | 9.96 | 11.45 | 13.05 | 14.80 | 16.70 | 18.80 | | | |
| | | 38 | 7.36 | 8.72 | 10.20 | 11.80 | 13.50 | 15.40 | | | | | |
| | | 43 | 7.33 | 8.77 | 10.35 | 12.05 | 13.85 | | | | | | |
| | | 46 | 7.30 | 8.78 | 10.40 | | | | | | | | |
| | | 49 | 7.24 | 8.78 | | | | | | | | | |
| Z9-4SH-250X (4) | Q | 32 | | | | | 23.20 | 29.60 | 36.20 | 43.60 | 51.80 | 60.80 | 64.60 |
| | | 38 | | | | | 21.20 | 26.90 | 33.60 | 40.50 | 48.20 | 56.50 | 60.10 |
| | | 43 | | | | | 19.65 | 25.10 | 31.50 | 38.00 | 45.20 | 53.00 | 56.30 |
| | | 46 | | | | | | 24.00 | 29.80 | 36.50 | 43.30 | 50.80 | 54.00 |
| | | 49 | | | | | | | 28.50 | 35.00 | 41.50 | | |
| | P | 32 | | | | | 12.75 | 14.10 | 15.50 | 16.90 | 18.35 | 19.85 | 20.40 |
| | | 38 | | | | | 13.25 | 14.75 | 16.30 | 17.90 | 19.50 | 21.10 | 21.80 |
| | | 43 | | | | | 13.60 | 15.25 | 16.90 | 18.65 | 20.40 | 22.20 | 22.90 |
| | | 46 | | | | | | 15.50 | 17.25 | 19.05 | 20.90 | 22.70 | 23.50 |
| | | 49 | | | | | | | 17.55 | 19.45 | 21.30 | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

20K Superheat
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| W9-4ST-2000 DTC (2) | Q | 32 | 8.21 | 11.25 | 14.90 | 19.10 | 23.90 | 29.20 | 35.00 | | | | |
| | | 38 | 7.22 | 10.00 | 13.35 | 17.20 | 21.60 | 26.50 | | | | | |
| | | 43 | 6.39 | 8.95 | 12.00 | 15.60 | | | | | | | |
| | | 46 | 5.88 | 8.30 | 11.20 | | | | | | | | |
| | | 49 | 5.37 | | | | | | | | | | |
| | P | 32 | 8.15 | 9.63 | 11.25 | 13.05 | 15.00 | 17.15 | 19.55 | | | | |
| | | 38 | 8.37 | 9.95 | 11.70 | 13.60 | 15.70 | 17.95 | | | | | |
| | | 43 | 8.53 | 10.20 | 12.00 | 14.00 | | | | | | | |
| | | 46 | 8.62 | 10.35 | 12.20 | | | | | | | | |
| | | 49 | 8.70 | | | | | | | | | | |
| Z9-4SJ-300X (4) | Q | 32 | | | | 26.00 | 33.60 | 41.20 | 49.70 | 59.10 | 69.20 | 73.40 | |
| | | 38 | | | | 23.60 | 30.20 | 38.10 | 46.00 | 54.70 | 64.10 | 68.00 | |
| | | 43 | | | | | 27.90 | 35.50 | 42.90 | 51.00 | 59.80 | 63.50 | |
| | | 46 | | | | | | 33.30 | 41.00 | 48.80 | | | |
| | | 49 | | | | | | 31.70 | 39.20 | | | | |
| | P | 32 | | | | | 14.70 | 16.50 | 18.35 | 20.30 | 22.30 | 24.30 | 25.20 |
| | | 38 | | | | | 15.20 | 17.15 | 19.20 | 21.30 | 23.50 | 25.70 | 26.70 |
| | | 43 | | | | | | 17.65 | 19.85 | 22.10 | 24.40 | 26.80 | 27.80 |
| | | 46 | | | | | | | 20.20 | 22.50 | 24.90 | | |
| | | 49 | | | | | | | 20.50 | 22.90 | | | |
| Z9-6SL-2500 DTC (4) | Q | 32 | 10.35 | 14.50 | 19.45 | 25.20 | 31.70 | 38.90 | 47.00 | 55.70 | | | |
| | | 38 | 8.95 | 12.75 | 17.30 | 22.60 | 28.80 | 35.60 | 43.20 | 51.50 | | | |
| | | 43 | 7.83 | 11.30 | 15.55 | 20.50 | 26.30 | 32.80 | | | | | |
| | | 46 | 7.16 | 10.45 | 14.50 | 19.30 | | | | | | | |
| | | 49 | 6.52 | 9.60 | 13.45 | | | | | | | | |
| | P | 32 | 11.30 | 13.20 | 15.30 | 17.50 | 19.80 | 22.20 | 24.60 | 27.00 | | | |
| | | 38 | 11.55 | 13.60 | 15.80 | 18.20 | 20.70 | 23.20 | 25.80 | 28.40 | | | |
| | | 43 | 11.65 | 13.80 | 16.15 | 18.65 | 21.30 | 24.00 | | | | | |
| | | 46 | 11.70 | 13.90 | 16.35 | 18.90 | | | | | | | |
| | | 49 | 11.70 | 14.00 | 16.45 | | | | | | | | |
| Z9-6ST-3200 DTC (4) | Q | 32 | 12.10 | 16.75 | 22.20 | 28.60 | 35.90 | 44.10 | 53.20 | 63.10 | | | |
| | | 38 | 10.50 | 14.75 | 19.85 | 25.80 | 32.60 | 40.30 | 48.90 | | | | |
| | | 43 | 9.18 | 13.20 | 17.95 | 23.60 | 30.00 | | | | | | |
| | | 46 | 8.42 | 12.25 | 16.85 | 22.20 | | | | | | | |
| | | 49 | 7.68 | 11.35 | | | | | | | | | |
| | P | 32 | 12.70 | 14.90 | 17.25 | 19.90 | 22.80 | 26.00 | 29.70 | 33.80 | | | |
| | | 38 | 12.85 | 15.25 | 17.80 | 20.60 | 23.80 | 27.20 | 31.10 | | | | |
| | | 43 | 13.00 | 15.55 | 18.30 | 21.30 | 24.60 | | | | | | |
| | | 46 | 13.10 | 15.75 | 18.60 | 21.70 | | | | | | | |
| | | 49 | 13.25 | 15.95 | | | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

20K Superheat
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| R7-2DD-50X (2) | Q | 32 | | | | | 5.93 | 7.57 | 9.43 | 11.50 | 13.80 | 16.35 | 17.45 |
| | | 38 | | | | | 5.31 | 6.87 | 8.63 | 10.60 | 12.75 | 15.15 | 16.15 |
| | | 43 | | | | | 4.80 | 6.29 | 7.96 | 9.84 | 11.90 | 14.15 | 15.10 |
| | | 46 | | | | | | 5.94 | 7.57 | 9.39 | 11.40 | 13.55 | |
| | | 49 | | | | | | 5.60 | 7.18 | 8.94 | 10.85 | | |
| | P | 32 | | | | | 3.25 | 3.60 | 3.95 | 4.31 | 4.66 | 5.03 | 5.17 |
| | | 38 | | | | | 3.33 | 3.72 | 4.13 | 4.54 | 4.95 | 5.37 | 5.55 |
| | | 43 | | | | | 3.37 | 3.81 | 4.25 | 4.71 | 5.17 | 5.65 | 5.84 |
| | | 46 | | | | | | 3.85 | 4.32 | 4.80 | 5.30 | 5.80 | |
| | | 49 | | | | | | 3.88 | 4.38 | 4.89 | 5.42 | | |
| R7-2DL-75X (2) | Q | 32 | | | | | 7.27 | 9.23 | 11.40 | 13.85 | 16.55 | 19.45 | 20.70 |
| | | 38 | | | | | 6.62 | 8.48 | 10.55 | 12.85 | 15.40 | 18.15 | 19.30 |
| | | 43 | | | | | | 7.88 | 9.87 | 12.05 | 14.45 | | |
| | | 46 | | | | | | 7.53 | 9.46 | 11.60 | | | |
| | | 49 | | | | | | 7.20 | 9.07 | | | | |
| | P | 32 | | | | | 3.95 | 4.43 | 4.92 | 5.43 | 5.95 | 6.50 | 6.72 |
| | | 38 | | | | | 4.08 | 4.61 | 5.16 | 5.73 | 6.32 | 6.93 | 7.18 |
| | | 43 | | | | | | 4.76 | 5.36 | 5.97 | 6.61 | | |
| | | 46 | | | | | | 4.84 | 5.47 | 6.12 | | | |
| | | 49 | | | | | | 4.93 | 5.59 | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| R7-2DB-50X DC (2) | Q | 32 | 3.08 | 4.19 | 5.50 | 7.03 | 8.76 | 10.72 | 12.94 | | | | |
| | | 38 | 2.72 | 3.77 | 5.01 | 6.45 | 8.09 | 9.94 | 11.99 | | | | |
| | | 43 | 2.42 | 3.41 | 4.59 | 5.96 | 7.52 | 9.29 | | | | | |
| | | 46 | 2.23 | 3.19 | 4.34 | 5.66 | 7.18 | | | | | | |
| | | 49 | 2.04 | 2.97 | 4.08 | | | | | | | | |
| | P | 32 | 3.14 | 3.59 | 4.06 | 4.54 | 5.05 | 5.59 | 6.13 | | | | |
| | | 38 | 3.19 | 3.68 | 4.18 | 4.71 | 5.27 | 5.84 | 6.45 | | | | |
| | | 43 | 3.20 | 3.72 | 4.26 | 4.83 | 5.41 | 6.03 | | | | | |
| | | 46 | 3.19 | 3.73 | 4.29 | 4.88 | 5.49 | | | | | | |
| | | 49 | 3.17 | 3.73 | 4.32 | | | | | | | | |
| S9-2DB-75X (2) | Q | 32 | | | | | 9.33 | 11.55 | 14.05 | 16.80 | 19.80 | 23.10 | 24.50 |
| | | 38 | | | | | 8.59 | 10.70 | 13.00 | 15.60 | 18.45 | 21.50 | 22.80 |
| | | 43 | | | | | | 9.97 | 12.20 | 14.65 | 17.30 | 20.20 | |
| | | 46 | | | | | | 9.55 | 11.70 | 14.05 | 16.65 | | |
| | | 49 | | | | | | 9.14 | 11.20 | | | | |
| | P | 32 | | | | | 4.84 | 5.36 | 5.89 | 6.44 | 7.00 | 7.59 | 7.83 |
| | | 38 | | | | | 5.05 | 5.63 | 6.22 | 6.84 | 7.47 | 8.12 | 8.39 |
| | | 43 | | | | | | 5.84 | 6.49 | 7.15 | 7.84 | 8.55 | |
| | | 46 | | | | | | 5.97 | 6.64 | 7.34 | 8.06 | | |
| | | 49 | | | | | | 6.09 | 6.80 | | | | |
| S9-3DA-75X (2) | Q | 32 | | | | | 10.30 | 12.90 | 15.75 | 18.90 | 22.30 | 26.00 | 27.50 |
| | | 38 | | | | | 9.42 | 11.85 | 14.55 | 17.50 | 20.70 | 24.10 | 25.50 |
| | | 43 | | | | | | 11.05 | 13.60 | 16.40 | 19.40 | | |
| | | 46 | | | | | | 10.55 | 13.05 | 15.75 | | | |
| | | 49 | | | | | | 10.10 | 12.50 | | | | |
| | P | 32 | | | | | 5.54 | 6.16 | 6.80 | 7.47 | 8.16 | 8.90 | 9.21 |
| | | 38 | | | | | 5.71 | 6.40 | 7.12 | 7.87 | 8.65 | 9.48 | 9.82 |
| | | 43 | | | | | | 6.60 | 7.38 | 8.20 | 9.05 | | |
| | | 46 | | | | | | 6.71 | 7.54 | 8.40 | | | |
| | | 49 | | | | | | 6.84 | 7.70 | | | | |
| R7-3DC-75X DC (2) | Q | 32 | 4.19 | 5.59 | 7.26 | 9.23 | 11.50 | | | | | | |
| | | 38 | 3.74 | 5.05 | 6.62 | 8.47 | 10.61 | | | | | | |
| | | 43 | 3.36 | 4.60 | 6.09 | 7.84 | 9.88 | | | | | | |
| | | 46 | 3.13 | 4.33 | 5.77 | 7.47 | | | | | | | |
| | | 49 | 2.90 | 4.06 | | | | | | | | | |
| | P | 32 | 3.86 | 4.49 | 5.19 | 5.98 | 6.87 | | | | | | |
| | | 38 | 3.84 | 4.53 | 5.30 | 6.16 | 7.12 | | | | | | |
| | | 43 | 3.79 | 4.54 | 5.36 | 6.27 | 7.29 | | | | | | |
| | | 46 | 3.75 | 4.53 | 5.39 | 6.33 | | | | | | | |
| | | 49 | 3.70 | 4.51 | | | | | | | | | |
| V6-3DC-100X (2) | Q | 32 | | | | | 13.00 | 16.20 | 19.85 | 23.90 | 28.30 | 33.20 | 35.30 |
| | | 38 | | | | | 11.90 | 14.95 | 18.35 | 22.10 | 26.30 | 30.80 | 32.80 |
| | | 43 | | | | | 11.05 | 13.90 | 17.15 | 20.70 | 24.60 | 28.90 | 30.70 |
| | | 46 | | | | | | 13.30 | 16.40 | 19.85 | 23.60 | 27.70 | |
| | | 49 | | | | | | 12.75 | 15.75 | 19.05 | | | |
| | P | 32 | | | | | 6.67 | 7.33 | 7.98 | 8.64 | 9.30 | 9.96 | 10.25 |
| | | 38 | | | | | 6.94 | 7.68 | 8.43 | 9.19 | 9.94 | 10.70 | 11.00 |
| | | 43 | | | | | 7.15 | 7.97 | 8.79 | 9.62 | 10.45 | 11.30 | 11.65 |
| | | 46 | | | | | | 8.14 | 9.00 | 9.88 | 10.75 | 11.65 | |
| | | 49 | | | | | | 8.31 | 9.22 | 10.15 | | | |
| S9-3DS-100X DC (2) | Q | 32 | 5.64 | 7.62 | 9.89 | 12.49 | 15.45 | | | | | | |
| | | 38 | 4.94 | 6.84 | 9.01 | 11.50 | 14.32 | | | | | | |
| | | 43 | 4.38 | 6.22 | 8.32 | 10.71 | | | | | | | |
| | | 46 | 4.06 | 5.87 | 7.92 | | | | | | | | |
| | | 49 | 3.74 | 5.53 | | | | | | | | | |
| | P | 32 | 5.28 | 6.19 | 7.14 | 8.18 | 9.32 | | | | | | |
| | | 38 | 5.31 | 6.30 | 7.33 | 8.44 | 9.67 | | | | | | |
| | | 43 | 5.33 | 6.38 | 7.49 | 8.67 | | | | | | | |
| | | 46 | 5.35 | 6.44 | 7.58 | | | | | | | | |
| | | 49 | 5.36 | 6.50 | | | | | | | | | |
| W9-3DS-150X (2) | Q | 32 | | | | | 17.35 | 21.30 | 25.60 | 30.40 | 35.70 | 41.40 | 43.80 |
| | | 38 | | | | | 16.05 | 19.75 | 23.80 | 28.30 | 33.20 | 38.50 | 40.80 |
| | | 43 | | | | | | 18.50 | 22.40 | 26.60 | 31.20 | | |
| | | 46 | | | | | | 17.80 | 21.50 | 25.60 | | | |
| | | 49 | | | | | | 17.10 | 20.70 | | | | |
| | P | 32 | | | | | 9.04 | 9.95 | 10.90 | 11.85 | 12.85 | 13.90 | 14.35 |
| | | 38 | | | | | 9.47 | 10.45 | 11.50 | 12.60 | 13.70 | 14.90 | 15.40 |
| | | 43 | | | | | | 10.90 | 12.05 | 13.20 | 14.45 | | |
| | | 46 | | | | | | 11.15 | 12.35 | 13.55 | | | |
| | | 49 | | | | | | 11.40 | 12.65 | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| W9-4MF-13X DC (2) | Q | 32 | 6.73 | 9.06 | 11.81 | 15.00 | 18.63 | | | | | | |
| | | 38 | 6.01 | 8.21 | 10.79 | 13.78 | 17.17 | | | | | | |
| | | 43 | 5.35 | 7.42 | 9.85 | 12.65 | 15.84 | | | | | | |
| | | 46 | 4.92 | 6.91 | 9.24 | 11.94 | 15.00 | | | | | | |
| | | 49 | 4.47 | 6.37 | 8.60 | | | | | | | | |
| | P | 32 | 6.01 | 7.11 | 8.26 | 9.47 | 10.76 | | | | | | |
| | | 38 | 6.00 | 7.21 | 8.48 | 9.81 | 11.20 | | | | | | |
| | | 43 | 5.90 | 7.21 | 8.57 | 9.99 | 11.47 | | | | | | |
| | | 46 | 5.80 | 7.16 | 8.58 | 10.06 | 11.59 | | | | | | |
| | | 49 | 5.66 | 7.09 | 8.56 | | | | | | | | |
| Z9-4MA-22X (4) | Q | 32 | | | | 22.60 | 27.90 | 33.90 | 40.60 | 48.10 | 56.50 | 60.00 | |
| | | 38 | | | | 20.70 | 25.70 | 31.40 | 37.70 | 44.80 | 52.50 | 55.80 | |
| | | 43 | | | | 19.15 | 23.90 | 29.30 | 35.30 | 41.90 | 49.20 | 52.40 | |
| | | 46 | | | | | 22.90 | 28.00 | 33.80 | 40.20 | 47.30 | 50.30 | |
| | | 49 | | | | | | 26.80 | 32.30 | 38.50 | | | |
| | P | 32 | | | | 11.10 | 12.15 | 13.25 | 14.30 | 15.35 | 16.35 | 16.75 | |
| | | 38 | | | | 11.65 | 12.85 | 14.05 | 15.25 | 16.45 | 17.65 | 18.10 | |
| | | 43 | | | | 12.10 | 13.40 | 14.70 | 16.00 | 17.30 | 18.60 | 19.15 | |
| | | 46 | | | | | 13.65 | 15.05 | 16.45 | 17.80 | 19.20 | 19.70 | |
| | | 49 | | | | | | 15.40 | 16.85 | 18.25 | | | |
| W9-4ML-15X DC (2) | Q | 32 | 9.01 | 11.92 | 15.21 | 18.80 | 22.62 | | | | | | |
| | | 38 | 8.19 | 10.95 | 14.09 | 17.53 | 21.17 | | | | | | |
| | | 43 | 7.44 | 10.09 | 13.10 | 16.40 | 19.90 | | | | | | |
| | | 46 | 6.97 | 9.55 | 12.48 | 15.70 | | | | | | | |
| | | 49 | 6.48 | 8.98 | | | | | | | | | |
| | P | 32 | 7.87 | 9.22 | 10.64 | 12.12 | 13.59 | | | | | | |
| | | 38 | 8.06 | 9.49 | 11.02 | 12.59 | 14.18 | | | | | | |
| | | 43 | 8.15 | 9.66 | 11.27 | 12.93 | 14.62 | | | | | | |
| | | 46 | 8.17 | 9.73 | 11.39 | 13.11 | | | | | | | |
| | | 49 | 8.17 | 9.79 | | | | | | | | | |
| Z9-4MH-25X (4) | Q | 32 | | | | 26.00 | 31.90 | 38.50 | 45.80 | 54.00 | 63.00 | 66.80 | |
| | | 38 | | | | 24.00 | 29.60 | 35.80 | 42.70 | 50.30 | 58.60 | 62.20 | |
| | | 43 | | | | | 27.60 | 33.50 | 40.00 | 47.20 | 55.00 | 58.30 | |
| | | 46 | | | | | 26.50 | 32.10 | 38.40 | 45.30 | 52.80 | | |
| | | 49 | | | | | | 30.80 | 36.80 | | | | |
| | P | 32 | | | | 13.10 | 14.40 | 15.75 | 17.10 | 18.45 | 19.80 | 20.40 | |
| | | 38 | | | | 13.80 | 15.25 | 16.70 | 18.20 | 19.70 | 21.20 | 21.80 | |
| | | 43 | | | | | 15.90 | 17.50 | 19.10 | 20.70 | 22.40 | 23.00 | |
| | | 46 | | | | | 16.30 | 17.90 | 19.60 | 21.30 | 23.00 | | |
| | | 49 | | | | | | 18.35 | 20.10 | | | | |
| W9-4MM-20X DC (2) | Q | 32 | 10.15 | 13.05 | 16.35 | 20.10 | 24.30 | | | | | | |
| | | 38 | 9.12 | 11.90 | 15.05 | 18.60 | 22.60 | | | | | | |
| | | 43 | 8.24 | 10.90 | 13.90 | 17.35 | 21.10 | | | | | | |
| | | 46 | 7.70 | 10.30 | 13.25 | | | | | | | | |
| | | 49 | 7.14 | 9.67 | | | | | | | | | |
| | P | 32 | 8.68 | 10.00 | 11.45 | 13.00 | 14.70 | | | | | | |
| | | 38 | 8.81 | 10.25 | 11.80 | 13.50 | 15.35 | | | | | | |
| | | 43 | 8.87 | 10.40 | 12.05 | 13.85 | 15.85 | | | | | | |
| | | 46 | 8.87 | 10.45 | 12.20 | | | | | | | | |
| | | 49 | 8.86 | 10.50 | | | | | | | | | |
| Z9-4MI-30X (4) | Q | 32 | | | | 28.20 | 34.20 | 40.90 | 48.40 | 56.70 | 65.60 | 69.40 | |
| | | 38 | | | | 26.00 | 31.70 | 38.00 | 44.90 | 52.60 | 60.90 | 64.40 | |
| | | 43 | | | | | 29.60 | 35.50 | 42.00 | 49.10 | 56.90 | 60.20 | |
| | | 46 | | | | | | 34.00 | 40.30 | 47.10 | | | |
| | | 49 | | | | | | 32.50 | 38.50 | | | | |
| | P | 32 | | | | 14.50 | 16.00 | 17.55 | 19.15 | 20.80 | 22.50 | 23.10 | |
| | | 38 | | | | 15.30 | 16.90 | 18.55 | 20.30 | 22.10 | 23.90 | 24.60 | |
| | | 43 | | | | | 17.60 | 19.35 | 21.20 | 23.10 | 25.00 | 25.70 | |
| | | 46 | | | | | | 19.80 | 21.70 | 23.60 | | | |
| | | 49 | | | | | | 20.20 | 22.20 | | | | |
| W9-4MT-22X DC (2) | Q | 32 | 11.25 | 14.45 | 18.05 | 22.20 | 26.70 | | | | | | |
| | | 38 | 10.10 | 13.15 | 16.60 | 20.50 | 24.90 | | | | | | |
| | | 43 | 9.13 | 12.05 | 15.40 | 19.10 | | | | | | | |
| | | 46 | 8.52 | 11.40 | 14.60 | | | | | | | | |
| | | 49 | 7.90 | 10.70 | | | | | | | | | |
| | P | 32 | 9.65 | 11.15 | 12.80 | 14.60 | 16.60 | | | | | | |
| | | 38 | 9.79 | 11.40 | 13.20 | 15.15 | 17.30 | | | | | | |
| | | 43 | 9.85 | 11.60 | 13.45 | 15.55 | | | | | | | |
| | | 46 | 9.85 | 11.65 | 13.60 | | | | | | | | |
| | | 49 | 9.83 | 11.70 | | | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| Z9-4MJ-33X (4) | Q | 32 | | | | | 31.20 | 37.80 | 45.10 | 53.20 | 62.10 | 71.70 | 75.70 |
| | | 38 | | | | | 28.80 | 35.00 | 41.80 | 49.40 | 57.50 | 66.40 | 70.20 |
| | | 43 | | | | | | 32.60 | 39.10 | 46.10 | 53.80 | 62.00 | |
| | | 46 | | | | | | | 37.40 | 44.20 | 51.50 | | |
| | | 49 | | | | | | | | | | | |
| | P | 32 | | | | | 16.20 | 17.95 | 19.75 | 21.60 | 23.60 | 25.50 | 26.40 |
| | | 38 | | | | | 17.05 | 18.95 | 20.90 | 22.90 | 24.90 | 27.10 | 27.90 |
| | | 43 | | | | | | 19.70 | 21.70 | 23.80 | 26.00 | 28.30 | |
| | | 46 | | | | | | | 22.20 | 24.40 | 26.60 | | |
| | | 49 | | | | | | | | | | | |
| Z9-4MU-25X DC (4) | Q | 32 | 13.20 | 17.05 | 21.50 | 26.60 | 32.40 | | | | | | |
| | | 38 | 11.95 | 15.60 | 19.85 | 24.70 | 30.20 | | | | | | |
| | | 43 | 10.80 | 14.35 | 18.40 | 23.00 | 28.30 | | | | | | |
| | | 46 | 10.10 | 13.55 | 17.50 | 22.00 | 27.10 | | | | | | |
| | | 49 | 9.36 | 12.75 | 16.60 | | | | | | | | |
| | P | 32 | 11.55 | 13.15 | 14.85 | 16.70 | 18.70 | | | | | | |
| | | 38 | 11.75 | 13.50 | 15.40 | 17.40 | 19.60 | | | | | | |
| | | 43 | 11.85 | 13.75 | 15.75 | 17.95 | 20.30 | | | | | | |
| | | 46 | 11.85 | 13.85 | 15.95 | 18.20 | 20.60 | | | | | | |
| | | 49 | 11.85 | 13.90 | 16.10 | | | | | | | | |
| Z12-4MK-35X (4) | Q | 32 | | | | | 36.14 | 43.92 | 52.66 | 62.40 | 73.16 | 84.95 | 89.95 |
| | | 38 | | | | | 33.40 | 40.73 | 48.89 | 57.95 | 67.93 | 78.85 | 83.48 |
| | | 43 | | | | | | 38.04 | 45.73 | 54.21 | 63.55 | 73.75 | 78.08 |
| | | 46 | | | | | | 36.43 | 43.82 | 51.97 | 60.91 | 70.68 | 74.83 |
| | | 49 | | | | | | 33.98 | 41.91 | 49.71 | 58.27 | | |
| | P | 32 | | | | | 18.78 | 20.64 | 22.55 | 24.50 | 26.50 | 28.52 | 29.34 |
| | | 38 | | | | | 19.78 | 21.79 | 23.87 | 26.00 | 28.17 | 30.37 | 31.26 |
| | | 43 | | | | | | 22.69 | 24.89 | 27.16 | 29.46 | 31.81 | 32.76 |
| | | 46 | | | | | | 23.21 | 25.48 | 27.81 | 30.20 | 32.63 | 33.61 |
| | | 49 | | | | | | 23.68 | 26.04 | 28.45 | 30.91 | | |
| Z9-6MM-30X DC (4) | Q | 32 | 13.95 | 18.40 | 23.50 | 29.00 | 34.80 | | | | | | |
| | | 38 | 12.60 | 16.85 | 21.70 | 26.90 | 32.40 | | | | | | |
| | | 43 | 11.50 | 15.55 | 20.10 | 25.10 | 30.40 | | | | | | |
| | | 46 | 10.75 | 14.70 | 19.15 | 24.00 | 29.20 | | | | | | |
| | | 49 | 10.05 | 13.90 | 18.20 | | | | | | | | |
| | P | 32 | 12.95 | 15.00 | 17.10 | 19.20 | 21.30 | | | | | | |
| | | 38 | 13.25 | 15.55 | 17.90 | 20.20 | 22.50 | | | | | | |
| | | 43 | 13.35 | 15.85 | 18.40 | 21.00 | 23.40 | | | | | | |
| | | 46 | 13.40 | 16.00 | 18.70 | 21.40 | 24.00 | | | | | | |
| | | 49 | 13.40 | 16.15 | 18.95 | | | | | | | | |
| Z12-6MI-40X (4) | Q | 32 | | | | | 42.71 | 52.23 | 62.84 | 74.58 | 87.46 | 101.45 | 107.36 |
| | | 38 | | | | | 39.29 | 48.28 | 58.23 | 69.19 | 81.17 | 94.18 | 99.67 |
| | | 43 | | | | | | 44.97 | 54.37 | 64.67 | 75.92 | 88.10 | |
| | | 46 | | | | | | 42.04 | 52.04 | 61.95 | 72.76 | | |
| | | 49 | | | | | | 39.94 | 48.94 | | | | |
| | P | 32 | | | | | 22.56 | 24.89 | 27.28 | 29.75 | 32.27 | 34.85 | 35.90 |
| | | 38 | | | | | 23.72 | 26.25 | 28.86 | 31.55 | 34.30 | 37.11 | 38.25 |
| | | 43 | | | | | | 27.31 | 30.09 | 32.96 | 35.89 | 38.88 | |
| | | 46 | | | | | | 27.89 | 30.79 | 33.76 | 36.79 | | |
| | | 49 | | | | | | 28.47 | 31.44 | | | | |
| Z12-6MU-40X DC (4) | Q | 32 | 17.82 | 23.56 | 30.04 | 37.12 | 44.66 | | | | | | |
| | | 38 | 16.14 | 21.58 | 27.74 | 34.47 | 41.63 | | | | | | |
| | | 43 | 14.68 | 19.88 | 25.77 | 32.21 | 39.05 | | | | | | |
| | | 46 | 13.78 | 18.83 | 24.56 | 30.82 | 37.48 | | | | | | |
| | | 49 | 12.85 | 17.77 | 23.33 | | | | | | | | |
| | P | 32 | 16.88 | 19.48 | 22.12 | 24.73 | 27.23 | | | | | | |
| | | 38 | 17.27 | 20.17 | 23.12 | 26.04 | 28.86 | | | | | | |
| | | 43 | 17.46 | 20.61 | 23.82 | 27.00 | 30.08 | | | | | | |
| | | 46 | 17.51 | 20.81 | 24.17 | 27.52 | 30.76 | | | | | | |
| | | 49 | 17.50 | 20.96 | 24.48 | | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

20K Superheat
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|------|------|------|------|------|------|
| | | | -20 | -15 | -10 | -5 | 0 | 5 | 7 | 10 |
| B8-KJ-7X (1) | Q | 32 | 0.98 | 1.26 | 1.57 | 1.93 | 2.33 | 2.78 | 2.97 | 3.27 |
| | | 38 | 0.87 | 1.12 | 1.42 | 1.75 | 2.12 | 2.53 | 2.70 | 2.98 |
| | | 43 | 0.78 | 1.02 | 1.29 | 1.60 | 1.94 | 2.32 | 2.48 | 2.74 |
| | | 46 | 0.73 | 0.96 | 1.22 | 1.51 | 1.84 | 2.20 | 2.35 | 2.59 |
| | | 49 | 0.67 | 0.90 | 1.14 | 1.42 | 1.73 | 2.08 | 2.22 | 2.45 |
| | P | 32 | 0.65 | 0.71 | 0.78 | 0.85 | 0.93 | 1.01 | 1.04 | 1.10 |
| | | 38 | 0.67 | 0.74 | 0.82 | 0.90 | 0.99 | 1.09 | 1.13 | 1.20 |
| | | 43 | 0.68 | 0.76 | 0.85 | 0.94 | 1.04 | 1.16 | 1.21 | 1.28 |
| | | 46 | 0.69 | 0.77 | 0.87 | 0.97 | 1.08 | 1.20 | 1.25 | 1.33 |
| | | 49 | 0.70 | 0.79 | 0.88 | 0.99 | 1.11 | 1.24 | 1.29 | 1.38 |
| B8-KSJ-10X (1) | Q | 32 | 1.20 | 1.54 | 1.92 | 2.36 | 2.85 | 3.39 | 3.63 | 3.99 |
| | | 38 | 1.08 | 1.40 | 1.76 | 2.17 | 2.63 | 3.14 | 3.36 | 3.70 |
| | | 43 | 0.98 | 1.28 | 1.62 | 2.01 | 2.45 | 2.93 | 3.13 | 3.45 |
| | | 46 | 0.92 | 1.21 | 1.54 | 1.92 | 2.34 | 2.80 | 2.99 | |
| | | 49 | 0.86 | 1.14 | 1.46 | 1.82 | 2.22 | | | |
| | P | 32 | 0.77 | 0.85 | 0.94 | 1.03 | 1.12 | 1.22 | 1.26 | 1.32 |
| | | 38 | 0.79 | 0.88 | 0.98 | 1.08 | 1.18 | 1.29 | 1.34 | 1.41 |
| | | 43 | 0.79 | 0.90 | 1.00 | 1.11 | 1.23 | 1.35 | 1.40 | 1.47 |
| | | 46 | 0.80 | 0.91 | 1.02 | 1.13 | 1.25 | 1.38 | 1.43 | |
| | | 49 | 0.80 | 0.91 | 1.03 | 1.15 | 1.28 | | | |
| B8-KL-15X (1) | Q | 32 | 1.38 | 1.75 | 2.16 | 2.63 | 3.14 | 3.70 | 3.93 | 4.30 |
| | | 38 | 1.25 | 1.59 | 1.98 | 2.41 | 2.88 | 3.40 | 3.61 | 3.95 |
| | | 43 | 1.14 | 1.47 | 1.83 | 2.23 | 2.67 | 3.15 | 3.35 | 3.66 |
| | | 46 | 1.08 | 1.39 | 1.74 | 2.12 | 2.54 | 3.00 | | |
| | | 49 | 1.02 | 1.32 | 1.65 | 2.02 | 2.42 | | | |
| | P | 32 | 0.92 | 1.03 | 1.15 | 1.28 | 1.41 | 1.54 | 1.60 | 1.69 |
| | | 38 | 0.95 | 1.07 | 1.21 | 1.34 | 1.49 | 1.64 | 1.70 | 1.79 |
| | | 43 | 0.97 | 1.10 | 1.25 | 1.39 | 1.55 | 1.71 | 1.77 | 1.87 |
| | | 46 | 0.98 | 1.12 | 1.27 | 1.42 | 1.58 | 1.75 | | |
| | | 49 | 0.99 | 1.13 | 1.29 | 1.45 | 1.61 | | | |
| D8-KSL-20X (1) | Q | 32 | 1.80 | 2.29 | 2.86 | 3.50 | 4.22 | 5.01 | 5.35 | 5.88 |
| | | 38 | 1.63 | 2.09 | 2.62 | 3.22 | 3.88 | 4.62 | 4.93 | 5.43 |
| | | 43 | 1.49 | 1.92 | 2.42 | 2.98 | 3.60 | 4.29 | 4.58 | 5.04 |
| | | 46 | 1.40 | 1.82 | 2.30 | 2.83 | 3.43 | 4.09 | 4.37 | 4.81 |
| | | 49 | 1.32 | 1.72 | 2.18 | 2.69 | 3.26 | 3.89 | | |
| | P | 32 | 1.10 | 1.22 | 1.36 | 1.50 | 1.65 | 1.81 | 1.87 | 1.97 |
| | | 38 | 1.11 | 1.25 | 1.40 | 1.55 | 1.72 | 1.89 | 1.97 | 2.08 |
| | | 43 | 1.12 | 1.26 | 1.42 | 1.59 | 1.77 | 1.96 | 2.04 | 2.16 |
| | | 46 | 1.12 | 1.27 | 1.44 | 1.61 | 1.80 | 2.00 | 2.08 | 2.21 |
| | | 49 | 1.12 | 1.28 | 1.45 | 1.63 | 1.83 | 2.04 | | |
| H8-KSL-20X (1) | Q | 32 | 1.86 | 2.38 | 2.99 | 3.69 | 4.49 | 5.39 | 5.78 | 6.39 |
| | | 38 | 1.69 | 2.18 | 2.75 | 3.40 | 4.14 | 4.98 | 5.34 | 5.92 |
| | | 43 | 1.54 | 2.01 | 2.54 | 3.15 | 3.85 | 4.64 | 4.98 | 5.51 |
| | | 46 | 1.46 | 1.90 | 2.42 | 3.00 | 3.67 | 4.43 | 4.75 | 5.27 |
| | | 49 | 1.37 | 1.80 | 2.29 | 2.85 | 3.49 | 4.22 | 4.53 | 5.02 |
| | P | 32 | 1.22 | 1.33 | 1.46 | 1.59 | 1.71 | 1.84 | 1.88 | 1.96 |
| | | 38 | 1.23 | 1.36 | 1.50 | 1.65 | 1.79 | 1.94 | 2.00 | 2.09 |
| | | 43 | 1.24 | 1.38 | 1.53 | 1.69 | 1.85 | 2.02 | 2.08 | 2.18 |
| | | 46 | 1.24 | 1.39 | 1.55 | 1.71 | 1.88 | 2.06 | 2.13 | 2.24 |
| | | 49 | 1.25 | 1.40 | 1.56 | 1.74 | 1.92 | 2.10 | 2.18 | 2.29 |
| D8-LF-20X (1) | Q | 32 | 2.21 | 2.84 | 3.56 | 4.37 | 5.25 | 6.20 | 6.60 | 7.22 |
| | | 38 | 1.95 | 2.55 | 3.22 | 3.97 | 4.78 | 5.66 | 6.03 | 6.60 |
| | | 43 | 1.74 | 2.31 | 2.94 | 3.64 | 4.40 | 5.22 | 5.56 | |
| | | 46 | 1.62 | 2.17 | 2.78 | 3.45 | 4.17 | | | |
| | | 49 | 1.50 | 2.03 | 2.62 | 3.26 | | | | |
| | P | 32 | 1.33 | 1.52 | 1.71 | 1.91 | 2.11 | 2.32 | 2.40 | 2.52 |
| | | 38 | 1.36 | 1.56 | 1.77 | 1.98 | 2.20 | 2.41 | 2.50 | 2.63 |
| | | 43 | 1.38 | 1.59 | 1.81 | 2.03 | 2.25 | 2.48 | 2.57 | |
| | | 46 | 1.39 | 1.60 | 1.82 | 2.05 | 2.28 | | | |
| | | 49 | 1.39 | 1.61 | 1.84 | 2.07 | | | | |
| H8-LJ-20X (1) | Q | 32 | 2.68 | 3.41 | 4.26 | 5.21 | 6.27 | 7.45 | 7.95 | 8.73 |
| | | 38 | 2.38 | 3.07 | 3.85 | 4.73 | 5.71 | 6.79 | 7.25 | |
| | | 43 | 2.14 | 2.79 | 3.52 | 4.33 | 5.24 | 6.24 | 6.66 | |
| | | 46 | 2.00 | 2.62 | 3.32 | 4.10 | 4.96 | 5.91 | | |
| | | 49 | 1.85 | 2.45 | 3.12 | 3.87 | 4.69 | | | |
| | P | 32 | 1.80 | 1.98 | 2.17 | 2.37 | 2.59 | 2.82 | 2.92 | 3.08 |
| | | 38 | 1.83 | 2.03 | 2.25 | 2.48 | 2.73 | 2.99 | 3.10 | |
| | | 43 | 1.85 | 2.07 | 2.31 | 2.56 | 2.83 | 3.12 | 3.24 | |
| | | 46 | 1.86 | 2.09 | 2.34 | 2.60 | 2.89 | 3.19 | | |
| | | 49 | 1.87 | 2.11 | 2.36 | 2.64 | 2.94 | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|------|-------|-------|-------|-------|-------|
| | | | -20 | -15 | -10 | -5 | 0 | 5 | 7 | 10 |
| H8-LL-30X (1) | Q | 32 | 3.22 | 4.17 | 5.23 | 6.43 | 7.76 | 9.21 | 9.82 | 10.75 |
| | | 38 | 2.86 | 3.74 | 4.74 | 5.86 | 7.09 | 8.43 | 9.00 | 9.87 |
| | | 43 | 2.56 | 3.40 | 4.35 | 5.39 | 6.55 | 7.80 | 8.32 | 9.13 |
| | | 46 | 2.39 | 3.20 | 4.11 | 5.12 | 6.22 | 7.42 | | |
| | | 49 | 2.22 | 3.01 | 3.88 | 4.85 | 5.90 | | | |
| | P | 32 | 2.08 | 2.35 | 2.64 | 2.96 | 3.30 | 3.69 | 3.86 | 4.12 |
| | | 38 | 2.11 | 2.41 | 2.73 | 3.08 | 3.47 | 3.90 | 4.08 | 4.37 |
| | | 43 | 2.13 | 2.45 | 2.80 | 3.18 | 3.60 | 4.06 | 4.25 | 4.56 |
| | | 46 | 2.15 | 2.47 | 2.84 | 3.23 | 3.67 | 4.15 | | |
| | | 49 | 2.15 | 2.49 | 2.87 | 3.28 | 3.74 | | | |
| H8-LSG-40X (1) | Q | 32 | 4.18 | 5.29 | 6.53 | 7.90 | 9.40 | 11.00 | 11.65 | 12.70 |
| | | 38 | 3.78 | 4.82 | 5.97 | 7.25 | 8.63 | 10.10 | 10.70 | |
| | | 43 | 3.45 | 4.43 | 5.52 | 6.72 | 8.01 | | | |
| | | 46 | 3.25 | 4.21 | 5.26 | 6.40 | | | | |
| | | 49 | 3.06 | 3.99 | 5.00 | | | | | |
| | P | 32 | 2.52 | 2.87 | 3.24 | 3.65 | 4.09 | 4.56 | 4.76 | 5.07 |
| | | 38 | 2.58 | 2.95 | 3.35 | 3.79 | 4.25 | 4.75 | 4.96 | |
| | | 43 | 2.63 | 3.02 | 3.44 | 3.89 | 4.37 | | | |
| | | 46 | 2.66 | 3.05 | 3.48 | 3.94 | | | | |
| | | 49 | 2.69 | 3.08 | 3.52 | | | | | |
| M8-2SA-45X (1) | Q | 32 | 4.18 | 5.30 | 6.61 | 8.12 | 9.79 | 11.60 | 12.40 | 13.55 |
| | | 38 | 3.84 | 4.89 | 6.10 | 7.48 | 9.00 | 10.65 | 11.35 | 12.45 |
| | | 43 | | 4.53 | 5.66 | 6.93 | 8.33 | 9.86 | 10.50 | 11.50 |
| | | 46 | | 4.32 | 5.39 | 6.59 | 7.92 | 9.36 | 9.97 | |
| | | 49 | | 4.09 | 5.11 | 6.25 | 7.50 | | | |
| | P | 32 | 2.73 | 3.05 | 3.37 | 3.70 | 4.05 | 4.42 | 4.57 | 4.82 |
| | | 38 | 2.78 | 3.13 | 3.49 | 3.86 | 4.25 | 4.66 | 4.83 | 5.09 |
| | | 43 | | 3.18 | 3.58 | 3.98 | 4.40 | 4.84 | 5.02 | 5.30 |
| | | 46 | | 3.21 | 3.62 | 4.04 | 4.48 | 4.94 | 5.13 | |
| | | 49 | | 3.22 | 3.65 | 4.10 | 4.55 | | | |
| R7-2SA-45X (2) | Q | 32 | 4.33 | 5.53 | 6.96 | 8.63 | 10.55 | 12.70 | 13.60 | 15.05 |
| | | 38 | 3.99 | 5.11 | 6.44 | 7.98 | 9.73 | 11.70 | 12.55 | 13.85 |
| | | 43 | 3.70 | 4.76 | 5.99 | 7.42 | 9.05 | 10.85 | 11.65 | 12.85 |
| | | 46 | | 4.54 | 5.72 | 7.09 | 8.63 | 10.35 | 11.10 | 12.25 |
| | | 49 | | 4.31 | 5.44 | 6.74 | 8.21 | 9.84 | 10.55 | 11.65 |
| | P | 32 | 2.94 | 3.22 | 3.50 | 3.78 | 4.07 | 4.36 | 4.48 | 4.66 |
| | | 38 | 3.00 | 3.32 | 3.65 | 3.97 | 4.30 | 4.63 | 4.77 | 4.98 |
| | | 43 | 3.03 | 3.39 | 3.75 | 4.11 | 4.47 | 4.84 | 4.99 | 5.22 |
| | | 46 | | 3.42 | 3.80 | 4.18 | 4.57 | 4.96 | 5.12 | 5.37 |
| | | 49 | | 3.44 | 3.84 | 4.25 | 4.66 | 5.07 | 5.24 | 5.50 |
| M9-2SC-55X (1) | Q | 32 | 5.19 | 6.54 | 8.09 | 9.83 | 11.75 | 13.85 | 14.70 | 16.05 |
| | | 38 | 4.77 | 6.02 | 7.44 | 9.02 | 10.75 | 12.65 | 13.45 | 14.65 |
| | | 43 | | 5.57 | 6.88 | 8.34 | 9.95 | 11.65 | 12.40 | 13.50 |
| | | 46 | | 5.30 | 6.55 | 7.93 | 9.45 | 11.10 | 11.75 | 12.80 |
| | | 49 | | 5.03 | 6.21 | 7.52 | 8.95 | 10.50 | | |
| | P | 32 | 3.25 | 3.67 | 4.10 | 4.56 | 5.03 | 5.51 | 5.70 | 6.00 |
| | | 38 | 3.30 | 3.75 | 4.22 | 4.72 | 5.24 | 5.77 | 5.98 | 6.31 |
| | | 43 | | 3.80 | 4.31 | 4.84 | 5.40 | 5.97 | 6.20 | 6.55 |
| | | 46 | | 3.83 | 4.35 | 4.90 | 5.48 | 6.08 | 6.32 | 6.69 |
| | | 49 | | 3.85 | 4.39 | 4.96 | 5.56 | 6.18 | | |
| R7-LHA-50X (2) | Q | 32 | 5.27 | 6.71 | 8.37 | 10.25 | 12.37 | 14.72 | 15.73 | 17.31 |
| | | 38 | 4.76 | 6.12 | 7.68 | 9.44 | 11.41 | 13.60 | 14.54 | 16.01 |
| | | 43 | 4.35 | 5.65 | 7.11 | 8.77 | 10.62 | 12.68 | 13.56 | 14.94 |
| | | 46 | 4.11 | 5.36 | 6.78 | 8.37 | 10.15 | 12.13 | 12.98 | |
| | | 49 | 3.88 | 5.09 | 6.45 | 7.98 | 9.69 | 11.59 | | |
| | P | 32 | 3.15 | 3.50 | 3.87 | 4.26 | 4.67 | 5.10 | 5.28 | 5.56 |
| | | 38 | 3.20 | 3.59 | 4.00 | 4.43 | 4.89 | 5.37 | 5.57 | 5.89 |
| | | 43 | 3.23 | 3.64 | 4.09 | 4.56 | 5.06 | 5.58 | 5.80 | 6.14 |
| | | 46 | 3.24 | 3.67 | 4.14 | 4.63 | 5.15 | 5.70 | 5.93 | |
| | | 49 | 3.25 | 3.70 | 4.18 | 4.69 | 5.24 | 5.82 | | |
| S9-2SC-55X (2) | Q | 32 | 5.37 | 6.80 | 8.48 | 10.40 | 12.60 | 15.00 | 16.05 | 17.65 |
| | | 38 | 4.94 | 6.27 | 7.82 | 9.59 | 11.60 | 13.80 | 14.70 | 16.20 |
| | | 43 | 4.58 | 5.82 | 7.26 | 8.89 | 10.75 | 12.75 | 13.60 | 15.00 |
| | | 46 | | 5.55 | 6.92 | 8.47 | 10.20 | 12.15 | 12.95 | 14.25 |
| | | 49 | | 5.27 | 6.57 | 8.05 | 9.70 | 11.50 | 12.30 | 13.50 |
| | P | 32 | 3.29 | 3.68 | 4.08 | 4.49 | 4.89 | 5.28 | 5.43 | 5.66 |
| | | 38 | 3.35 | 3.78 | 4.23 | 4.68 | 5.14 | 5.59 | 5.76 | 6.03 |
| | | 43 | 3.39 | 3.84 | 4.32 | 4.82 | 5.32 | 5.82 | 6.02 | 6.31 |
| | | 46 | | 3.87 | 4.37 | 4.89 | 5.42 | 5.95 | 6.16 | 6.47 |
| | | 49 | | 3.90 | 4.42 | 4.96 | 5.51 | 6.07 | 6.29 | 6.62 |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|
| | | | -20 | -15 | -10 | -5 | 0 | 5 | 7 | 10 |
| V9-2SK-65X (2) | Q | 32 | 5.91 | 7.57 | 9.51 | 11.75 | 14.25 | 17.10 | 18.30 | 20.20 |
| | | 38 | 5.45 | 6.99 | 8.79 | 10.85 | 13.20 | 15.80 | 16.90 | 18.65 |
| | | 43 | 5.07 | 6.52 | 8.21 | 10.15 | 12.30 | 14.75 | 15.75 | 17.40 |
| | | 46 | | 6.24 | 7.86 | 9.71 | 11.80 | 14.10 | 15.10 | 16.65 |
| | | 49 | | 5.96 | 7.51 | 9.29 | 11.30 | 13.50 | 14.45 | 15.90 |
| | P | 32 | 3.77 | 4.18 | 4.61 | 5.04 | 5.49 | 5.94 | 6.13 | 6.42 |
| | | 38 | 3.85 | 4.30 | 4.78 | 5.27 | 5.78 | 6.31 | 6.52 | 6.85 |
| | | 43 | 3.89 | 4.39 | 4.91 | 5.45 | 6.01 | 6.59 | 6.83 | 7.19 |
| | | 46 | | 4.43 | 4.98 | 5.55 | 6.14 | 6.76 | 7.01 | 7.39 |
| | | 49 | | 4.47 | 5.04 | 5.64 | 6.27 | 6.92 | 7.18 | 7.59 |
| S9-3SC-75X (2) | Q | 32 | 6.96 | 8.77 | 10.90 | 13.30 | 16.05 | 19.10 | 20.40 | 22.40 |
| | | 38 | 6.33 | 8.00 | 9.95 | 12.20 | 14.75 | 17.55 | 18.75 | 20.70 |
| | | 43 | 5.81 | 7.37 | 9.20 | 11.30 | 13.70 | 16.35 | 17.45 | 19.25 |
| | | 46 | | 7.00 | 8.76 | 10.80 | 13.05 | 15.65 | 16.70 | 18.45 |
| | | 49 | | 6.64 | 8.33 | 10.30 | 12.50 | 14.95 | | |
| | P | 32 | 4.25 | 4.78 | 5.36 | 5.99 | 6.68 | 7.44 | 7.77 | |
| | | 38 | 4.29 | 4.86 | 5.49 | 6.17 | 6.92 | 7.74 | 8.10 | |
| | | 43 | 4.29 | 4.91 | 5.58 | 6.31 | 7.10 | 7.98 | 8.36 | |
| | | 46 | | 4.93 | 5.62 | 6.38 | 7.21 | 8.12 | 8.51 | |
| | | 49 | | 4.94 | 5.66 | 6.45 | 7.31 | 8.26 | | |
| V6-3SC-75X (2) | Q | 32 | 7.26 | 9.23 | 11.55 | 14.30 | 17.45 | 21.10 | 22.60 | 25.10 |
| | | 38 | 6.63 | 8.44 | 10.60 | 13.10 | 16.05 | 19.35 | 20.80 | 23.10 |
| | | 43 | 6.09 | 7.79 | 9.80 | 12.15 | 14.90 | 18.00 | 19.35 | 21.50 |
| | | 46 | 5.76 | 7.40 | 9.33 | 11.60 | 14.20 | 17.20 | 18.50 | 20.60 |
| | | 49 | | 7.01 | 8.87 | 11.05 | 13.55 | 16.45 | 17.70 | 19.70 |
| | P | 32 | 4.55 | 5.05 | 5.58 | 6.14 | 6.74 | 7.39 | 7.66 | 8.09 |
| | | 38 | 4.60 | 5.15 | 5.73 | 6.35 | 7.01 | 7.72 | 8.02 | 8.48 |
| | | 43 | 4.62 | 5.21 | 5.84 | 6.51 | 7.22 | 7.98 | 8.30 | 8.81 |
| | | 46 | 4.62 | 5.24 | 5.89 | 6.59 | 7.34 | 8.14 | 8.48 | 9.00 |
| | | 49 | | 5.26 | 5.94 | 6.67 | 7.45 | 8.29 | 8.64 | 9.19 |
| V6-3SS-100X (2) | Q | 32 | 9.30 | 11.80 | 14.75 | 18.15 | 22.00 | 26.30 | 28.10 | 31.00 |
| | | 38 | 8.51 | 10.85 | 13.55 | 16.65 | 20.20 | 24.20 | 25.90 | 28.50 |
| | | 43 | 7.86 | 10.05 | 12.55 | 15.50 | 18.80 | 22.50 | 24.00 | 26.50 |
| | | 46 | | 9.57 | 12.00 | 14.80 | 17.95 | 21.50 | 23.00 | 25.40 |
| | | 49 | | 9.12 | 11.45 | 14.10 | 17.15 | 20.50 | 22.00 | 24.20 |
| | P | 32 | 5.71 | 6.43 | 7.18 | 7.97 | 8.79 | 9.65 | 10.00 | 10.55 |
| | | 38 | 5.79 | 6.58 | 7.41 | 8.27 | 9.17 | 10.10 | 10.50 | 11.10 |
| | | 43 | 5.84 | 6.68 | 7.57 | 8.50 | 9.48 | 10.50 | 10.90 | 11.55 |
| | | 46 | | 6.74 | 7.66 | 8.64 | 9.65 | 10.70 | 11.15 | 11.80 |
| | | 49 | | 6.78 | 7.75 | 8.77 | 9.83 | 10.95 | 11.40 | 12.10 |
| W9-3SS-100X (2) | Q | 32 | 9.34 | 11.85 | 14.85 | 18.30 | 22.20 | 26.60 | 28.50 | 31.50 |
| | | 38 | 8.56 | 10.90 | 13.65 | 16.80 | 20.40 | 24.50 | 26.20 | 28.90 |
| | | 43 | 7.90 | 10.10 | 12.65 | 15.60 | 19.00 | 22.70 | 24.40 | 26.90 |
| | | 46 | | 9.63 | 12.10 | 14.90 | 18.15 | 21.70 | 23.30 | 25.70 |
| | | 49 | | 9.18 | 11.55 | 14.25 | 17.30 | 20.80 | 22.20 | 24.60 |
| | P | 32 | 5.71 | 6.42 | 7.16 | 7.94 | 8.74 | 9.58 | 9.92 | 10.45 |
| | | 38 | 5.79 | 6.57 | 7.39 | 8.24 | 9.12 | 10.05 | 10.40 | 11.00 |
| | | 43 | 5.83 | 6.68 | 7.56 | 8.48 | 9.43 | 10.45 | 10.85 | 11.45 |
| | | 46 | | 6.73 | 7.65 | 8.61 | 9.61 | 10.65 | 11.10 | 11.75 |
| | | 49 | | 6.78 | 7.74 | 8.74 | 9.79 | 10.90 | 11.35 | 12.00 |
| V6-4SL-150X (2) | Q | 32 | 13.55 | 17.30 | 21.50 | 26.30 | 31.50 | 37.20 | 39.60 | 43.30 |
| | | 38 | 12.25 | 15.80 | 19.75 | 24.20 | 29.00 | 34.30 | 36.50 | 40.00 |
| | | 43 | 11.20 | 14.55 | 18.30 | 22.40 | 27.00 | 31.90 | | |
| | | 46 | 10.55 | 13.80 | 17.40 | 21.40 | 25.80 | | | |
| | | 49 | 9.95 | 13.10 | 16.55 | 20.40 | | | | |
| | P | 32 | 7.57 | 8.63 | 9.80 | 11.05 | 12.40 | 13.90 | 14.50 | 15.50 |
| | | 38 | 7.76 | 8.91 | 10.20 | 11.55 | 13.05 | 14.65 | 15.35 | 16.40 |
| | | 43 | 7.91 | 9.13 | 10.50 | 11.95 | 13.55 | 15.25 | | |
| | | 46 | 7.99 | 9.26 | 10.65 | 12.20 | 13.85 | | | |
| | | 49 | 8.08 | 9.39 | 10.85 | 12.40 | | | | |
| W9-4ST-200X (2) | Q | 32 | 16.15 | 20.50 | 25.40 | 30.90 | 36.80 | 43.20 | 45.90 | 50.00 |
| | | 38 | 14.65 | 18.75 | 23.30 | 28.40 | 33.90 | 39.80 | 42.30 | |
| | | 43 | 13.40 | 17.30 | 21.60 | 26.30 | 31.50 | | | |
| | | 46 | 12.70 | 16.45 | 20.60 | 25.10 | | | | |
| | | 49 | 11.95 | 15.60 | 19.60 | | | | | |
| | P | 32 | 8.96 | 10.25 | 11.70 | 13.25 | 15.00 | 16.90 | 17.70 | 19.00 |
| | | 38 | 9.12 | 10.50 | 12.10 | 13.80 | 15.65 | 17.75 | 18.60 | |
| | | 43 | 9.24 | 10.75 | 12.40 | 14.20 | 16.20 | | | |
| | | 46 | 9.31 | 10.85 | 12.55 | 14.45 | | | | |
| | | 49 | 9.37 | 10.95 | 12.75 | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

Technical data

R134a
Standard

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|
| | | | -20 | -15 | -10 | -5 | 0 | 5 | 7 | 10 |
| Z9-6SL-250X (4) | Q | 32 | 21.30 | 27.20 | 33.80 | 41.20 | 49.40 | 58.50 | 62.40 | 68.50 |
| | | 38 | 19.25 | 24.70 | 30.80 | 37.70 | 45.30 | 53.80 | 57.30 | 62.90 |
| | | 43 | 17.60 | 22.70 | 28.50 | 34.90 | 42.00 | 49.80 | 53.20 | 58.40 |
| | | 46 | | 21.50 | 27.00 | 33.20 | 40.00 | 47.50 | 50.70 | |
| | | 49 | | 20.40 | 25.70 | 31.50 | 38.00 | | | |
| | P | 32 | 11.70 | 13.30 | 15.05 | 16.85 | 18.80 | 20.90 | 21.70 | 23.00 |
| | | 38 | 12.00 | 13.75 | 15.60 | 17.55 | 19.70 | 21.90 | 22.90 | 24.30 |
| | | 43 | 12.25 | 14.05 | 16.00 | 18.10 | 20.40 | 22.80 | 23.80 | 25.30 |
| | | 46 | | 14.20 | 16.20 | 18.40 | 20.70 | 23.20 | 24.30 | |
| | | 49 | | 14.35 | 16.45 | 18.70 | 21.10 | | | |
| Z9-6ST-320X (4) | Q | 32 | 24.40 | 31.40 | 39.30 | 48.10 | 57.90 | 68.40 | 72.90 | 79.80 |
| | | 38 | 22.10 | 28.70 | 36.00 | 44.20 | 53.20 | 63.00 | 67.10 | 73.50 |
| | | 43 | 20.30 | 26.50 | 33.40 | 41.00 | 49.40 | 58.50 | 62.30 | |
| | | 46 | 19.20 | 25.20 | 31.80 | 39.10 | 47.10 | | | |
| | | 49 | 18.15 | 23.90 | 30.20 | 37.20 | | | | |
| | P | 32 | 13.90 | 15.85 | 17.95 | 20.20 | 22.60 | 25.20 | 26.20 | 27.90 |
| | | 38 | 14.25 | 16.35 | 18.60 | 21.00 | 23.60 | 26.40 | 27.60 | 29.40 |
| | | 43 | 14.45 | 16.70 | 19.10 | 21.70 | 24.40 | 27.30 | 28.60 | |
| | | 46 | 14.60 | 16.85 | 19.35 | 22.00 | 24.80 | | | |
| | | 49 | 14.70 | 17.00 | 19.55 | 22.30 | | | | |

Q (kW) = Capacity

P (kW) = Power input

Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%

2. Stated power values are inclusive of fan power

R134a
Discus

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|
| | | | -20 | -15 | -10 | -5 | 0 | 5 | 7 | 10 |
| R7-2DB-50X (2) | Q | 32 | 5.34 | 6.95 | 8.79 | 10.86 | 13.16 | 15.68 | 16.74 | 18.38 |
| | | 38 | 4.80 | 6.32 | 8.03 | 9.95 | 12.06 | 14.36 | 15.33 | 16.82 |
| | | 43 | 4.37 | 5.80 | 7.41 | 9.19 | 11.14 | 13.25 | 14.14 | 15.50 |
| | | 46 | 4.12 | 5.50 | 7.03 | 8.73 | 10.59 | 12.58 | 13.42 | |
| | | 49 | 3.87 | 5.20 | 6.66 | 8.27 | 10.03 | | | |
| | P | 32 | 3.04 | 3.43 | 3.83 | 4.24 | 4.65 | 5.06 | 5.23 | 5.48 |
| | | 38 | 3.11 | 3.54 | 3.99 | 4.44 | 4.89 | 5.35 | 5.53 | 5.80 |
| | | 43 | 3.16 | 3.62 | 4.09 | 4.58 | 5.07 | 5.55 | 5.74 | 6.03 |
| | | 46 | 3.18 | 3.66 | 4.15 | 4.65 | 5.16 | 5.66 | 5.86 | |
| | | 49 | 3.21 | 3.69 | 4.19 | 4.71 | 5.23 | | | |
| R7-3DC-75X (2) | Q | 32 | 7.27 | 9.26 | 11.49 | 13.97 | 16.68 | 19.59 | 20.80 | 22.66 |
| | | 38 | 6.61 | 8.48 | 10.56 | 12.85 | 15.34 | 18.01 | 19.11 | 20.80 |
| | | 43 | 6.07 | 7.84 | 9.80 | 11.93 | 14.24 | | | |
| | | 46 | 5.76 | 7.47 | 9.35 | 11.39 | | | | |
| | | 49 | 5.45 | 7.11 | 8.91 | | | | | |
| | P | 32 | 4.10 | 4.64 | 5.20 | 5.78 | 6.38 | 7.01 | 7.26 | 7.65 |
| | | 38 | 4.24 | 4.82 | 5.43 | 6.06 | 6.71 | 7.38 | 7.65 | 8.06 |
| | | 43 | 4.35 | 4.95 | 5.60 | 6.27 | 6.96 | | | |
| | | 46 | 4.41 | 5.03 | 5.69 | 6.38 | | | | |
| | | 49 | 4.47 | 5.10 | 5.77 | | | | | |
| S9-3DS-100X (2) | Q | 32 | 9.50 | 12.06 | 14.92 | 18.10 | 21.58 | 25.32 | 26.88 | 29.27 |
| | | 38 | 8.74 | 11.16 | 13.85 | 16.82 | 20.05 | 23.50 | 24.93 | |
| | | 43 | 8.15 | 10.46 | 13.01 | 15.80 | 18.82 | | | |
| | | 46 | 7.82 | 10.07 | 12.54 | 15.22 | | | | |
| | | 49 | 7.50 | 9.70 | 12.08 | | | | | |
| | P | 32 | 5.16 | 5.93 | 6.73 | 7.57 | 8.44 | 9.35 | 9.72 | 10.28 |
| | | 38 | 5.34 | 6.16 | 7.03 | 7.94 | 8.88 | 9.84 | 10.24 | |
| | | 43 | 5.50 | 6.36 | 7.27 | 8.23 | 9.22 | | | |
| | | 46 | 5.60 | 6.48 | 7.41 | 8.39 | | | | |
| | | 49 | 5.70 | 6.59 | 7.55 | | | | | |
| W9-4MF-13X (2) | Q | 32 | 12.51 | 15.85 | 19.73 | 24.13 | 29.01 | 34.33 | 36.57 | 40.03 |
| | | 38 | 11.41 | 14.52 | 18.12 | 22.17 | 26.66 | 31.54 | 33.59 | 36.77 |
| | | 43 | 10.50 | 13.43 | 16.78 | 20.54 | 24.70 | 29.22 | 31.12 | 34.05 |
| | | 46 | 9.98 | 12.78 | 15.99 | 19.58 | 23.53 | 27.83 | 29.63 | 32.43 |
| | | 49 | 9.46 | 12.15 | 15.20 | 18.61 | 22.37 | 26.44 | 28.15 | 30.80 |
| | P | 32 | 6.55 | 7.38 | 8.19 | 9.01 | 9.86 | 10.75 | 11.12 | 11.71 |
| | | 38 | 6.77 | 7.68 | 8.59 | 9.52 | 10.48 | 11.49 | 11.91 | 12.57 |
| | | 43 | 6.93 | 7.91 | 8.90 | 9.91 | 10.97 | 12.07 | 12.54 | 13.26 |
| | | 46 | 7.01 | 8.03 | 9.07 | 10.14 | 11.25 | 12.42 | 12.90 | 13.66 |
| | | 49 | 7.09 | 8.15 | 9.24 | 10.35 | 11.52 | 12.75 | 13.26 | 14.05 |

Q (kW) = Capacity

P (kW) = Power input

Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%

2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|
| | | | -20 | -15 | -10 | -5 | 0 | 5 | 7 | 10 |
| W9-4ML-15X (2) | Q | 32 | 14.89 | 18.77 | 23.17 | 28.08 | 33.47 | 39.31 | 41.76 | 45.54 |
| | | 38 | 13.68 | 17.32 | 21.39 | 25.92 | 30.87 | 36.23 | 38.48 | 41.95 |
| | | 43 | 12.69 | 16.11 | 19.91 | 24.11 | 28.70 | 33.66 | 35.74 | 38.95 |
| | | 46 | 12.10 | 15.39 | 19.03 | 23.03 | 27.40 | 32.11 | 34.09 | 37.15 |
| | | 49 | | 14.67 | 18.14 | 21.95 | 26.09 | 30.56 | 32.44 | 35.34 |
| | P | 32 | 7.69 | 8.68 | 9.70 | 10.77 | 11.88 | 13.03 | 13.50 | 14.22 |
| | | 38 | 7.95 | 9.03 | 10.16 | 11.33 | 12.54 | 13.80 | 14.31 | 15.10 |
| | | 43 | 8.14 | 9.30 | 10.51 | 11.77 | 13.07 | 14.41 | 14.96 | 15.79 |
| | | 46 | 8.24 | 9.45 | 10.71 | 12.02 | 13.37 | 14.76 | 15.33 | 16.20 |
| | | 49 | | 9.58 | 10.89 | 12.25 | 13.66 | 15.11 | 15.70 | 16.59 |
| W9-4MM-20X (2) | Q | 32 | 16.38 | 20.52 | 25.18 | 30.35 | 35.99 | 42.08 | 44.63 | 48.57 |
| | | 38 | 15.06 | 18.95 | 23.27 | 28.04 | 33.24 | 38.83 | 41.18 | 44.80 |
| | | 43 | 13.96 | 17.63 | 21.68 | 26.12 | 30.94 | 36.13 | 38.30 | 41.65 |
| | | 46 | 13.30 | 16.83 | 20.72 | 24.96 | 29.56 | 34.50 | 36.57 | 39.76 |
| | | 49 | | 16.04 | 19.76 | 23.81 | 28.18 | 32.88 | 34.84 | 37.88 |
| | P | 32 | 8.52 | 9.59 | 10.73 | 11.94 | 13.22 | 14.55 | 15.11 | 15.96 |
| | | 38 | 8.83 | 9.98 | 11.22 | 12.54 | 13.93 | 15.40 | 16.00 | 16.93 |
| | | 43 | 9.06 | 10.28 | 11.60 | 13.01 | 14.50 | 16.07 | 16.71 | 17.70 |
| | | 46 | 9.18 | 10.45 | 11.82 | 13.28 | 14.83 | 16.45 | 17.12 | 18.15 |
| | | 49 | | 10.61 | 12.02 | 13.54 | 15.14 | 16.83 | 17.52 | 18.59 |
| W9-4MT-22X (2) | Q | 32 | 18.54 | 23.06 | 28.08 | 33.59 | 39.54 | 45.88 | 48.52 | 52.55 |
| | | 38 | 17.19 | 21.39 | 26.00 | 31.03 | 36.43 | 42.19 | 44.57 | 48.23 |
| | | 43 | 16.07 | 19.99 | 24.27 | 28.89 | 33.84 | 39.10 | 41.28 | 44.63 |
| | | 46 | | 19.15 | 23.22 | 27.60 | 32.28 | 37.24 | 39.30 | 42.46 |
| | | 49 | | 18.31 | 22.17 | 26.30 | 30.71 | 35.38 | 37.32 | 40.29 |
| | P | 32 | 9.70 | 10.96 | 12.31 | 13.75 | 15.30 | 16.96 | 17.65 | 18.73 |
| | | 38 | 10.06 | 11.40 | 12.86 | 14.41 | 16.08 | 17.86 | 18.60 | 19.75 |
| | | 43 | 10.34 | 11.75 | 13.28 | 14.93 | 16.69 | 18.56 | 19.34 | 20.55 |
| | | 46 | | 11.95 | 13.52 | 15.22 | 17.04 | 18.97 | 19.77 | 21.02 |
| | | 49 | | 12.13 | 13.76 | 15.50 | 17.37 | 19.36 | 20.19 | 21.47 |
| Z9-4MT-22X (4) | Q | 32 | 19.61 | 24.67 | 30.50 | 37.14 | 44.61 | 52.92 | 56.47 | 62.04 |
| | | 38 | 18.22 | 22.95 | 28.33 | 34.44 | 41.29 | 48.91 | 52.17 | 57.29 |
| | | 43 | 17.07 | 21.51 | 26.53 | 32.18 | 38.52 | 45.57 | 48.58 | 53.31 |
| | | 46 | 16.37 | 20.64 | 25.44 | 30.83 | 36.86 | 43.55 | 46.42 | 50.93 |
| | | 49 | 15.67 | 19.77 | 24.34 | 29.47 | 35.19 | 41.54 | 44.26 | 48.54 |
| | P | 32 | 10.19 | 11.28 | 12.41 | 13.55 | 14.71 | 15.89 | 16.36 | 17.08 |
| | | 38 | 10.58 | 11.79 | 13.04 | 14.32 | 15.64 | 16.98 | 17.52 | 18.34 |
| | | 43 | 10.89 | 12.17 | 13.52 | 14.92 | 16.36 | 17.84 | 18.44 | 19.34 |
| | | 46 | 11.06 | 12.39 | 13.80 | 15.26 | 16.78 | 18.33 | 18.96 | 19.92 |
| | | 49 | 11.23 | 12.60 | 14.06 | 15.59 | 17.18 | 18.81 | 19.47 | 20.48 |
| Z9-4MU-25X (4) | Q | 32 | 21.05 | 26.72 | 33.29 | 40.73 | 49.00 | 58.03 | 61.83 | 67.72 |
| | | 38 | 19.43 | 24.73 | 30.83 | 37.71 | 45.33 | 53.64 | 57.14 | 62.56 |
| | | 43 | 18.08 | 23.07 | 28.77 | 35.17 | 42.24 | 49.94 | 53.18 | 58.20 |
| | | 46 | 17.27 | 22.06 | 27.52 | 33.63 | 40.37 | 47.70 | 50.78 | 55.56 |
| | | 49 | 16.46 | 21.05 | 26.26 | 32.07 | 38.48 | 45.44 | 48.37 | 52.91 |
| | P | 32 | 11.25 | 12.61 | 13.96 | 15.32 | 16.74 | 18.26 | 18.91 | 19.93 |
| | | 38 | 11.65 | 13.14 | 14.62 | 16.13 | 17.70 | 19.37 | 20.08 | 21.19 |
| | | 43 | 11.93 | 13.53 | 15.13 | 16.76 | 18.45 | 20.26 | 21.01 | 22.20 |
| | | 46 | 12.07 | 13.74 | 15.41 | 17.11 | 18.89 | 20.77 | 21.56 | 22.79 |
| | | 49 | 12.19 | 13.93 | 15.67 | 17.45 | 19.30 | 21.26 | 22.08 | 23.36 |
| Z9-6MM-30X (4) | Q | 32 | 25.28 | 31.76 | 39.15 | 47.45 | 56.64 | 66.68 | 70.92 | 77.49 |
| | | 38 | 23.35 | 29.42 | 36.28 | 43.95 | 52.41 | 61.65 | 65.54 | 71.60 |
| | | 43 | 21.73 | 27.45 | 33.87 | 41.02 | 48.88 | 57.44 | 61.05 | 66.67 |
| | | 46 | 20.75 | 26.26 | 32.42 | 39.25 | 46.75 | 54.91 | 58.36 | 63.71 |
| | | 49 | | 25.07 | 30.96 | 37.48 | 44.62 | 52.38 | 55.65 | 60.75 |
| | P | 32 | 13.28 | 14.93 | 16.65 | 18.43 | 20.25 | 22.12 | 22.87 | 24.02 |
| | | 38 | 13.76 | 15.56 | 17.44 | 19.39 | 21.40 | 23.47 | 24.30 | 25.57 |
| | | 43 | 14.11 | 16.02 | 18.04 | 20.14 | 22.30 | 24.52 | 25.42 | 26.79 |
| | | 46 | 14.30 | 16.28 | 18.37 | 20.55 | 22.81 | 25.12 | 26.06 | 27.49 |
| | | 49 | | 16.52 | 18.68 | 20.95 | 23.29 | 25.70 | 26.68 | 28.16 |
| Z12-6MU-40X (4) | Q | 32 | 31.84 | 40.03 | 49.23 | 59.53 | 71.01 | 83.71 | 89.12 | 97.58 |
| | | 38 | 29.52 | 37.16 | 45.64 | 55.10 | 65.61 | 77.23 | 82.18 | 89.95 |
| | | 43 | 27.63 | 34.80 | 42.69 | 51.44 | 61.13 | 71.84 | 76.42 | 83.59 |
| | | 46 | 26.49 | 33.39 | 40.92 | 49.24 | 58.44 | 68.61 | 72.96 | 79.78 |
| | | 49 | | 31.96 | 39.14 | 47.03 | 55.75 | 65.38 | 69.49 | 75.96 |
| | P | 32 | 17.04 | 19.14 | 21.34 | 23.65 | 26.06 | 28.59 | 29.64 | 31.26 |
| | | 38 | 17.62 | 19.91 | 22.33 | 24.86 | 27.50 | 30.27 | 31.41 | 33.17 |
| | | 43 | 18.02 | 20.48 | 23.07 | 25.78 | 28.62 | 31.58 | 32.80 | 34.67 |
| | | 46 | 18.22 | 20.78 | 23.48 | 26.30 | 29.25 | 32.33 | 33.59 | 35.54 |
| | | 49 | | 21.05 | 23.85 | 26.79 | 29.85 | 33.05 | 34.36 | 36.37 |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| B8-KM-7X (1) | Q | 32 | 0.43 | 0.60 | 0.80 | 1.03 | 1.29 | 1.58 | 1.89 | 2.24 | 2.61 | 3.00 | 3.16 |
| | | 38 | 0.35 | 0.51 | 0.70 | 0.91 | 1.14 | 1.40 | 1.69 | 2.00 | 2.34 | 2.69 | |
| | | 43 | 0.29 | 0.44 | 0.61 | 0.80 | 1.02 | 1.25 | 1.52 | 1.80 | | | |
| | | 46 | 0.26 | 0.40 | 0.56 | 0.74 | 0.95 | 1.17 | | | | | |
| | | 49 | 0.22 | 0.36 | 0.51 | 0.68 | | | | | | | |
| | P | 32 | 0.52 | 0.60 | 0.68 | 0.76 | 0.85 | 0.93 | 1.01 | 1.10 | 1.18 | 1.26 | 1.30 |
| | | 38 | 0.49 | 0.58 | 0.67 | 0.77 | 0.86 | 0.96 | 1.05 | 1.15 | 1.25 | 1.35 | |
| | | 43 | 0.47 | 0.56 | 0.66 | 0.77 | 0.87 | 0.98 | 1.08 | 1.19 | | | |
| | | 46 | 0.45 | 0.55 | 0.65 | 0.76 | 0.87 | 0.99 | | | | | |
| | | 49 | 0.43 | 0.54 | 0.65 | 0.76 | | | | | | | |
| B8-KJ-7X (1) | Q | 32 | 0.61 | 0.83 | 1.07 | 1.35 | 1.66 | | | | | | |
| | | 38 | 0.52 | 0.71 | 0.94 | 1.19 | 1.47 | | | | | | |
| | | 43 | 0.44 | 0.62 | 0.83 | 1.05 | 1.31 | | | | | | |
| | | 46 | 0.40 | 0.57 | 0.76 | 0.98 | 1.22 | | | | | | |
| | | 49 | 0.35 | 0.51 | 0.69 | | | | | | | | |
| | P | 32 | 0.70 | 0.79 | 0.88 | 0.98 | 1.09 | | | | | | |
| | | 38 | 0.66 | 0.77 | 0.88 | 1.00 | 1.12 | | | | | | |
| | | 43 | 0.63 | 0.75 | 0.87 | 1.00 | 1.14 | | | | | | |
| | | 46 | 0.61 | 0.73 | 0.87 | 1.01 | 1.16 | | | | | | |
| | | 49 | 0.59 | 0.72 | 0.86 | | | | | | | | |
| B8-KJ-10X (1) | Q | 32 | 0.58 | 0.80 | 1.05 | 1.34 | 1.66 | 2.00 | 2.38 | 2.77 | 3.19 | 3.62 | |
| | | 38 | 0.48 | 0.69 | 0.92 | 1.18 | 1.46 | 1.77 | 2.11 | 2.47 | | | |
| | | 43 | 0.40 | 0.59 | 0.81 | 1.04 | 1.31 | 1.59 | | | | | |
| | | 46 | 0.36 | 0.54 | 0.75 | 0.97 | 1.21 | | | | | | |
| | | 49 | 0.32 | 0.49 | 0.68 | | | | | | | | |
| | P | 32 | 0.66 | 0.77 | 0.88 | 1.00 | 1.12 | 1.25 | 1.38 | 1.52 | 1.66 | 1.81 | |
| | | 38 | 0.64 | 0.76 | 0.88 | 1.01 | 1.15 | 1.28 | 1.43 | 1.58 | | | |
| | | 43 | 0.63 | 0.75 | 0.88 | 1.02 | 1.16 | 1.31 | | | | | |
| | | 46 | 0.62 | 0.74 | 0.88 | 1.02 | 1.16 | | | | | | |
| | | 49 | 0.61 | 0.74 | 0.87 | | | | | | | | |
| B8-KSJ-10X (1) | Q | 32 | 0.80 | 1.05 | 1.34 | 1.67 | | | | | | | |
| | | 38 | 0.68 | 0.91 | 1.17 | 1.47 | | | | | | | |
| | | 43 | 0.58 | 0.79 | 1.03 | 1.30 | | | | | | | |
| | | 46 | 0.51 | 0.72 | 0.95 | 1.21 | | | | | | | |
| | | 49 | 0.45 | 0.65 | | | | | | | | | |
| | P | 32 | 0.91 | 1.02 | 1.15 | 1.30 | | | | | | | |
| | | 38 | 0.89 | 1.01 | 1.16 | 1.33 | | | | | | | |
| | | 43 | 0.86 | 1.00 | 1.17 | 1.35 | | | | | | | |
| | | 46 | 0.84 | 1.00 | 1.17 | 1.36 | | | | | | | |
| | | 49 | 0.82 | 0.99 | | | | | | | | | |
| D8-KSJ-15X (1) | Q | 32 | 0.82 | 1.11 | 1.43 | 1.81 | 2.24 | 2.71 | 3.24 | 3.82 | | | |
| | | 38 | 0.71 | 0.97 | 1.27 | 1.61 | 1.99 | 2.43 | 2.91 | | | | |
| | | 43 | 0.61 | 0.86 | 1.13 | 1.44 | 1.79 | 2.19 | 2.63 | | | | |
| | | 46 | 0.56 | 0.79 | 1.05 | 1.34 | 1.68 | 2.05 | | | | | |
| | | 49 | 0.50 | 0.72 | 0.97 | 1.25 | | | | | | | |
| | P | 32 | 0.83 | 0.97 | 1.12 | 1.27 | 1.43 | 1.59 | 1.75 | 1.91 | | | |
| | | 38 | 0.82 | 0.96 | 1.11 | 1.28 | 1.46 | 1.64 | 1.82 | | | | |
| | | 43 | 0.81 | 0.95 | 1.11 | 1.29 | 1.48 | 1.67 | 1.87 | | | | |
| | | 46 | 0.80 | 0.95 | 1.12 | 1.30 | 1.49 | 1.69 | | | | | |
| | | 49 | 0.80 | 0.95 | 1.12 | 1.30 | | | | | | | |
| B8-KL-15X (1) | Q | 32 | 0.93 | 1.21 | 1.53 | 1.88 | 2.26 | | | | | | |
| | | 38 | 0.80 | 1.05 | 1.34 | 1.66 | | | | | | | |
| | | 43 | 0.69 | 0.93 | 1.19 | 1.49 | | | | | | | |
| | | 46 | 0.63 | 0.86 | 1.10 | | | | | | | | |
| | | 49 | 0.57 | | | | | | | | | | |
| | P | 32 | 0.99 | 1.12 | 1.27 | 1.44 | 1.64 | | | | | | |
| | | 38 | 0.98 | 1.12 | 1.29 | 1.48 | | | | | | | |
| | | 43 | 0.96 | 1.12 | 1.30 | 1.51 | | | | | | | |
| | | 46 | 0.95 | 1.12 | 1.31 | | | | | | | | |
| | | 49 | 0.93 | | | | | | | | | | |
| D8-KSL-20X (1) | Q | 32 | 1.19 | 1.58 | 2.02 | 2.52 | 3.08 | 3.68 | 4.33 | | | | |
| | | 38 | 1.03 | 1.39 | 1.79 | 2.25 | 2.75 | 3.30 | | | | | |
| | | 43 | 0.90 | 1.23 | 1.60 | 2.02 | 2.48 | | | | | | |
| | | 46 | 0.82 | 1.14 | 1.49 | 1.88 | | | | | | | |
| | | 49 | 0.75 | 1.04 | | | | | | | | | |
| | P | 32 | 1.14 | 1.34 | 1.54 | 1.77 | 2.01 | 2.27 | 2.55 | | | | |
| | | 38 | 1.13 | 1.34 | 1.56 | 1.80 | 2.06 | 2.34 | | | | | |
| | | 43 | 1.11 | 1.33 | 1.57 | 1.83 | 2.10 | | | | | | |
| | | 46 | 1.10 | 1.33 | 1.57 | 1.84 | | | | | | | |
| | | 49 | 1.09 | 1.33 | | | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| H8-KSL-20X (1) | Q | 32 | 1.24 | 1.66 | 2.15 | 2.70 | 3.33 | 4.04 | 4.82 | 5.67 | | | |
| | | 38 | 1.07 | 1.46 | 1.90 | 2.41 | 2.99 | 3.63 | 4.34 | | | | |
| | | 43 | 0.94 | 1.30 | 1.71 | 2.17 | 2.70 | 3.29 | | | | | |
| | | 46 | 0.86 | 1.20 | 1.59 | 2.03 | 2.53 | 3.09 | | | | | |
| | | 49 | 0.78 | 1.10 | 1.47 | 1.89 | | | | | | | |
| | P | 32 | 1.27 | 1.46 | 1.66 | 1.87 | 2.09 | 2.32 | 2.56 | 2.81 | | | |
| | | 38 | 1.26 | 1.46 | 1.68 | 1.91 | 2.15 | 2.40 | 2.67 | | | | |
| | | 43 | 1.24 | 1.46 | 1.69 | 1.93 | 2.20 | 2.47 | | | | | |
| | | 46 | 1.23 | 1.46 | 1.69 | 1.95 | 2.22 | 2.51 | | | | | |
| | | 49 | 1.22 | 1.45 | 1.70 | 1.96 | | | | | | | |
| D8-LE-20X (1) | Q | 32 | 0.80 | 1.24 | 1.74 | 2.30 | 2.91 | 3.56 | 4.26 | 4.99 | 5.76 | | |
| | | 38 | | 0.98 | 1.45 | 1.96 | 2.51 | 3.11 | 3.74 | 4.40 | | | |
| | | 43 | | 0.77 | 1.20 | 1.68 | 2.19 | 2.73 | | | | | |
| | | 46 | | 0.64 | 1.06 | 1.51 | 2.00 | | | | | | |
| | | 49 | | | 0.92 | 1.35 | | | | | | | |
| | P | 32 | 0.92 | 1.10 | 1.30 | 1.51 | 1.73 | 1.97 | 2.23 | 2.50 | 2.79 | | |
| | | 38 | | 1.04 | 1.25 | 1.48 | 1.73 | 1.99 | 2.27 | 2.56 | | | |
| | | 43 | | 0.98 | 1.21 | 1.45 | 1.71 | 1.99 | | | | | |
| | | 46 | | 0.94 | 1.17 | 1.42 | 1.69 | | | | | | |
| | | 49 | | | 1.13 | 1.39 | | | | | | | |
| H8-LE-20X (1) | Q | 32 | 0.86 | 1.33 | 1.88 | 2.50 | 3.20 | 3.98 | 4.83 | 5.76 | 6.77 | 7.84 | 8.29 |
| | | 38 | 0.60 | 1.05 | 1.56 | 2.14 | 2.78 | 3.48 | 4.26 | 5.10 | 6.00 | 6.97 | |
| | | 43 | | 0.82 | 1.30 | 1.84 | 2.43 | 3.07 | 3.78 | 4.54 | | | |
| | | 46 | | 0.69 | 1.15 | 1.66 | 2.22 | 2.83 | 3.49 | | | | |
| | | 49 | | | 1.00 | 1.48 | 2.01 | | | | | | |
| | P | 32 | 1.05 | 1.24 | 1.44 | 1.64 | 1.85 | 2.07 | 2.30 | 2.53 | 2.77 | 3.01 | 3.12 |
| | | 38 | 0.99 | 1.18 | 1.40 | 1.62 | 1.86 | 2.10 | 2.36 | 2.62 | 2.88 | 3.16 | |
| | | 43 | | 1.12 | 1.35 | 1.59 | 1.85 | 2.12 | 2.39 | 2.68 | | | |
| | | 46 | | 1.08 | 1.32 | 1.57 | 1.84 | 2.12 | 2.41 | | | | |
| | | 49 | | | 1.28 | 1.54 | 1.82 | | | | | | |
| D8-LF-20X (1) | Q | 32 | 1.14 | 1.65 | 2.21 | 2.83 | 3.50 | | | | | | |
| | | 38 | 0.90 | 1.36 | 1.87 | 2.44 | 3.04 | | | | | | |
| | | 43 | | 1.13 | 1.61 | 2.12 | 2.68 | | | | | | |
| | | 46 | | 1.01 | 1.45 | 1.94 | | | | | | | |
| | | 49 | | 0.89 | 1.30 | | | | | | | | |
| | P | 32 | 1.23 | 1.49 | 1.77 | 2.07 | 2.38 | | | | | | |
| | | 38 | 1.20 | 1.48 | 1.77 | 2.08 | 2.40 | | | | | | |
| | | 43 | | 1.46 | 1.76 | 2.08 | 2.42 | | | | | | |
| | | 46 | | 1.45 | 1.75 | 2.08 | | | | | | | |
| | | 49 | | 1.43 | 1.74 | | | | | | | | |
| H8-LF-30X (1) | Q | 32 | 1.45 | 2.05 | 2.73 | 3.49 | 4.35 | 5.28 | 6.30 | 7.39 | 8.55 | | |
| | | 38 | 1.20 | 1.74 | 2.37 | 3.06 | 3.84 | 4.69 | 5.61 | 6.60 | | | |
| | | 43 | 0.99 | 1.49 | 2.07 | 2.71 | 3.42 | 4.20 | | | | | |
| | | 46 | 0.86 | 1.35 | 1.89 | 2.50 | 3.17 | | | | | | |
| | | 49 | 0.74 | 1.20 | 1.72 | | | | | | | | |
| | P | 32 | 1.59 | 1.85 | 2.13 | 2.40 | 2.68 | 2.97 | 3.28 | 3.59 | 3.92 | | |
| | | 38 | 1.53 | 1.82 | 2.11 | 2.41 | 2.72 | 3.03 | 3.36 | 3.70 | | | |
| | | 43 | 1.47 | 1.77 | 2.08 | 2.40 | 2.72 | 3.06 | | | | | |
| | | 46 | 1.43 | 1.74 | 2.06 | 2.38 | 2.72 | | | | | | |
| | | 49 | 1.38 | 1.70 | 2.02 | | | | | | | | |
| P8-LF-30X (2) | Q | 32 | 1.51 | 2.14 | 2.87 | 3.71 | 4.66 | 5.72 | 6.90 | 8.19 | 9.60 | 11.10 | 11.75 |
| | | 38 | 1.24 | 1.82 | 2.49 | 3.26 | 4.12 | 5.09 | 6.16 | 7.34 | 8.62 | | |
| | | 43 | 1.02 | 1.56 | 2.18 | 2.89 | 3.68 | 4.57 | 5.55 | 6.63 | | | |
| | | 46 | 0.90 | 1.41 | 2.00 | 2.67 | 3.42 | 4.26 | 5.19 | | | | |
| | | 49 | 0.77 | 1.26 | 1.81 | 2.45 | 3.15 | | | | | | |
| | P | 32 | 1.59 | 1.85 | 2.11 | 2.37 | 2.64 | 2.90 | 3.16 | 3.43 | 3.71 | 3.99 | 4.10 |
| | | 38 | 1.53 | 1.81 | 2.10 | 2.39 | 2.69 | 2.98 | 3.28 | 3.58 | 3.89 | | |
| | | 43 | 1.47 | 1.77 | 2.08 | 2.39 | 2.71 | 3.03 | 3.35 | 3.68 | | | |
| | | 46 | 1.43 | 1.74 | 2.06 | 2.38 | 2.71 | 3.04 | 3.38 | | | | |
| | | 49 | 1.38 | 1.70 | 2.03 | 2.36 | 2.70 | | | | | | |
| H8-LJ-20X (1) | Q | 32 | 1.41 | 2.09 | 2.86 | 3.71 | | | | | | | |
| | | 38 | 1.10 | 1.72 | 2.43 | 3.22 | | | | | | | |
| | | 43 | | 1.42 | 2.08 | 2.81 | | | | | | | |
| | | 46 | | 1.25 | 1.87 | 2.57 | | | | | | | |
| | | 49 | | 1.08 | 1.67 | | | | | | | | |
| | P | 32 | 1.50 | 1.82 | 2.15 | 2.51 | | | | | | | |
| | | 38 | 1.42 | 1.76 | 2.13 | 2.51 | | | | | | | |
| | | 43 | | 1.70 | 2.09 | 2.50 | | | | | | | |
| | | 46 | | 1.66 | 2.06 | 2.49 | | | | | | | |
| | | 49 | | 1.61 | 2.03 | | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| H8-LJ-30X (1) | Q | 32 | 1.62 | 2.26 | 2.99 | 3.80 | 4.71 | 5.69 | 6.75 | 7.89 | 9.08 | | |
| | | 38 | 1.32 | 1.91 | 2.57 | 3.32 | 4.13 | 5.03 | 5.99 | 7.02 | | | |
| | | 43 | 1.07 | 1.62 | 2.23 | 2.91 | 3.66 | 4.48 | | | | | |
| | | 46 | 0.93 | 1.45 | 2.03 | 2.68 | 3.38 | | | | | | |
| | | 49 | 0.78 | 1.28 | 1.83 | | | | | | | | |
| | P | 32 | 1.70 | 2.02 | 2.35 | 2.69 | 3.04 | 3.40 | 3.77 | 4.15 | 4.54 | | |
| | | 38 | 1.63 | 1.97 | 2.33 | 2.70 | 3.09 | 3.48 | 3.89 | 4.30 | | | |
| | | 43 | 1.57 | 1.93 | 2.31 | 2.71 | 3.12 | 3.54 | | | | | |
| | | 46 | 1.54 | 1.91 | 2.30 | 2.71 | 3.14 | | | | | | |
| | | 49 | 1.51 | 1.89 | 2.30 | | | | | | | | |
| P8-LJ-30X (2) | Q | 32 | 1.70 | 2.38 | 3.17 | 4.07 | 5.09 | 6.23 | 7.48 | 8.85 | 10.35 | 11.90 | 12.60 |
| | | 38 | 1.38 | 2.01 | 2.74 | 3.56 | 4.48 | 5.51 | 6.65 | 7.90 | 9.25 | | |
| | | 43 | 1.12 | 1.71 | 2.38 | 3.13 | 3.98 | 4.92 | 5.97 | 7.11 | | | |
| | | 46 | 0.97 | 1.53 | 2.16 | 2.88 | 3.68 | 4.57 | 5.56 | | | | |
| | | 49 | 0.82 | 1.35 | 1.95 | 2.63 | 3.38 | | | | | | |
| | P | 32 | 1.70 | 2.02 | 2.34 | 2.67 | 3.00 | 3.32 | 3.64 | 3.96 | 4.28 | 4.59 | 4.72 |
| | | 38 | 1.63 | 1.97 | 2.33 | 2.68 | 3.05 | 3.41 | 3.77 | 4.14 | 4.50 | | |
| | | 43 | 1.57 | 1.93 | 2.31 | 2.69 | 3.08 | 3.48 | 3.87 | 4.27 | | | |
| | | 46 | 1.54 | 1.91 | 2.30 | 2.69 | 3.10 | 3.52 | 3.93 | | | | |
| | | 49 | 1.50 | 1.88 | 2.29 | 2.70 | 3.12 | | | | | | |
| H8-LL-30X (1) | Q | 32 | 1.92 | 2.73 | 3.63 | 4.62 | 5.71 | | | | | | |
| | | 38 | 1.54 | 2.28 | 3.11 | 4.02 | 5.01 | | | | | | |
| | | 43 | 1.24 | 1.92 | 2.69 | 3.53 | 4.44 | | | | | | |
| | | 46 | 1.06 | 1.71 | 2.44 | 3.24 | | | | | | | |
| | | 49 | | 1.50 | | | | | | | | | |
| | P | 32 | 1.84 | 2.23 | 2.65 | 3.11 | 3.61 | | | | | | |
| | | 38 | 1.75 | 2.16 | 2.62 | 3.12 | 3.66 | | | | | | |
| | | 43 | 1.64 | 2.09 | 2.57 | 3.10 | 3.68 | | | | | | |
| | | 46 | 1.57 | 2.04 | 2.54 | 3.09 | | | | | | | |
| | | 49 | | 1.97 | | | | | | | | | |
| H8-LL-40X (1) | Q | 32 | 2.01 | 2.75 | 3.61 | 4.58 | 5.65 | 6.81 | 8.07 | 9.39 | | | |
| | | 38 | 1.66 | 2.34 | 3.12 | 4.00 | 4.97 | 6.03 | | | | | |
| | | 43 | 1.38 | 2.00 | 2.72 | 3.52 | 4.41 | | | | | | |
| | | 46 | 1.21 | 1.80 | 2.48 | 3.23 | | | | | | | |
| | | 49 | 1.04 | 1.60 | | | | | | | | | |
| | P | 32 | 2.05 | 2.40 | 2.78 | 3.21 | 3.67 | 4.17 | 4.72 | 5.32 | | | |
| | | 38 | 1.96 | 2.35 | 2.78 | 3.24 | 3.74 | 4.28 | | | | | |
| | | 43 | 1.84 | 2.27 | 2.73 | 3.22 | 3.75 | | | | | | |
| | | 46 | 1.74 | 2.19 | 2.67 | 3.18 | | | | | | | |
| | | 49 | 1.62 | 2.08 | | | | | | | | | |
| P8-LL-40X (2) | Q | 32 | 2.12 | 2.93 | 3.87 | 4.97 | 6.20 | 7.59 | 9.12 | 10.80 | 12.60 | | |
| | | 38 | 1.75 | 2.49 | 3.36 | 4.35 | 5.48 | 6.74 | 8.14 | 9.67 | | | |
| | | 43 | 1.45 | 2.14 | 2.93 | 3.84 | 4.88 | 6.04 | 7.33 | | | | |
| | | 46 | 1.28 | 1.92 | 2.67 | 3.53 | 4.52 | | | | | | |
| | | 49 | 1.10 | 1.71 | 2.42 | 3.23 | | | | | | | |
| | P | 32 | 2.04 | 2.39 | 2.75 | 3.15 | 3.56 | 4.01 | 4.49 | 4.99 | 5.54 | | |
| | | 38 | 1.97 | 2.36 | 2.77 | 3.21 | 3.68 | 4.17 | 4.69 | 5.25 | | | |
| | | 43 | 1.87 | 2.29 | 2.74 | 3.22 | 3.73 | 4.26 | 4.83 | | | | |
| | | 46 | 1.77 | 2.22 | 2.70 | 3.21 | 3.74 | | | | | | |
| | | 49 | 1.65 | 2.13 | 2.63 | 3.17 | | | | | | | |
| H8-LSG-40X (1) | Q | 32 | 2.49 | 3.41 | 4.42 | 5.52 | 6.70 | | | | | | |
| | | 38 | 2.06 | 2.89 | 3.82 | 4.82 | 5.89 | | | | | | |
| | | 43 | 1.70 | 2.48 | 3.32 | 4.24 | | | | | | | |
| | | 46 | 1.50 | 2.23 | 3.04 | | | | | | | | |
| | | 49 | 1.30 | 1.99 | | | | | | | | | |
| | P | 32 | 2.34 | 2.80 | 3.32 | 3.89 | 4.52 | | | | | | |
| | | 38 | 2.25 | 2.75 | 3.31 | 3.92 | 4.59 | | | | | | |
| | | 43 | 2.16 | 2.69 | 3.28 | 3.92 | | | | | | | |
| | | 46 | 2.10 | 2.65 | 3.25 | | | | | | | | |
| | | 49 | 2.03 | 2.59 | | | | | | | | | |
| M8-2SA-45X (1) | Q | 32 | 2.37 | 3.22 | 4.49 | 5.60 | 6.79 | 8.07 | 9.41 | | | | |
| | | 38 | 1.97 | 2.74 | 3.94 | 4.94 | 6.01 | 7.16 | | | | | |
| | | 43 | 1.65 | 2.36 | 3.13 | 4.39 | | | | | | | |
| | | 46 | 1.46 | 2.13 | 2.85 | | | | | | | | |
| | | 49 | 1.28 | | | | | | | | | | |
| | P | 32 | 2.63 | 3.14 | 3.69 | 4.27 | 4.89 | 5.55 | 6.24 | | | | |
| | | 38 | 2.57 | 3.12 | 3.70 | 4.32 | 4.98 | 5.69 | | | | | |
| | | 43 | 2.52 | 3.08 | 3.69 | 4.34 | | | | | | | |
| | | 46 | 2.48 | 3.06 | 3.68 | | | | | | | | |
| | | 49 | 2.45 | | | | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

0°C Suction gas return
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 | |
| R7-2SA-45X (2) | Q | 32 | 2.53 | 3.73 | 4.85 | 6.12 | 7.53 | 9.09 | 10.80 | 12.60 | | | | |
| | | 38 | 2.11 | 2.96 | 4.27 | 5.42 | 6.70 | 8.11 | 9.64 | 11.30 | | | | |
| | | 43 | 1.77 | 2.55 | 3.79 | 4.84 | 6.01 | 7.30 | | | | | | |
| | | 46 | 1.57 | 2.31 | 3.13 | 4.50 | 5.60 | | | | | | | |
| | | 49 | 1.38 | 2.07 | 2.84 | | | | | | | | | |
| | P | 32 | 2.88 | 3.38 | 3.90 | 4.45 | 5.01 | 5.59 | 6.19 | 6.81 | | | | |
| | | 38 | 2.83 | 3.36 | 3.93 | 4.52 | 5.14 | 5.77 | 6.44 | 7.12 | | | | |
| | | 43 | 2.78 | 3.34 | 3.93 | 4.56 | 5.22 | 5.90 | | | | | | |
| | | 46 | 2.74 | 3.31 | 3.93 | 4.57 | 5.26 | | | | | | | |
| | | 49 | 2.70 | 3.29 | 3.92 | | | | | | | | | |
| M9-2SC-55X (1) | Q | 32 | 2.70 | 4.07 | 5.32 | 6.71 | 8.23 | 9.87 | 11.60 | 13.40 | | | | |
| | | 38 | 2.23 | 3.52 | 4.65 | 5.90 | 7.27 | 8.74 | | | | | | |
| | | 43 | 1.85 | 2.70 | 4.09 | 5.23 | | | | | | | | |
| | | 46 | 1.63 | 2.43 | 3.76 | | | | | | | | | |
| | | 49 | 1.41 | 2.15 | | | | | | | | | | |
| | P | 32 | 3.08 | 3.71 | 4.38 | 5.08 | 5.81 | 6.57 | 7.37 | 8.20 | | | | |
| | | 38 | 2.97 | 3.64 | 4.35 | 5.09 | 5.86 | 6.66 | | | | | | |
| | | 43 | 2.85 | 3.55 | 4.28 | 5.05 | | | | | | | | |
| | | 46 | 2.77 | 3.48 | 4.22 | | | | | | | | | |
| | | 49 | 2.67 | 3.40 | | | | | | | | | | |
| S9-2SC-55X (2) | Q | 32 | 3.13 | 4.32 | 5.70 | 7.28 | 9.04 | 11.00 | 13.15 | 15.45 | | | | |
| | | 38 | 2.36 | 3.75 | 5.00 | 6.43 | 8.04 | 9.81 | 11.75 | 13.85 | | | | |
| | | 43 | 1.96 | 2.90 | 4.42 | 5.72 | 7.19 | 8.80 | | | | | | |
| | | 46 | 1.73 | 2.61 | 4.07 | 5.30 | 6.67 | | | | | | | |
| | | 49 | 1.51 | 2.32 | 3.72 | | | | | | | | | |
| | P | 32 | 3.17 | 3.80 | 4.45 | 5.12 | 5.80 | 6.49 | 7.20 | 7.93 | | | | |
| | | 38 | 3.07 | 3.75 | 4.44 | 5.16 | 5.90 | 6.65 | 7.42 | 8.21 | | | | |
| | | 43 | 2.96 | 3.67 | 4.39 | 5.15 | 5.93 | 6.72 | | | | | | |
| | | 46 | 2.88 | 3.60 | 4.34 | 5.12 | 5.92 | | | | | | | |
| | | 49 | 2.78 | 3.52 | 4.28 | | | | | | | | | |
| S9-2SC-65X (2) | Q | 32 | | | 5.74 | 7.31 | 9.05 | 10.95 | 13.05 | 15.25 | 17.60 | 20.10 | 21.10 | |
| | | 38 | | | 5.04 | 6.49 | 8.08 | 9.80 | 11.65 | 13.65 | 15.70 | | | |
| | | 43 | | | 4.47 | 5.83 | 7.28 | 8.85 | | | | | | |
| | | 46 | | | | 5.43 | 6.81 | | | | | | | |
| | | 49 | | | | | | | | | | | | |
| | P | 32 | | | 4.63 | 5.19 | 5.79 | 6.43 | 7.09 | 7.77 | 8.48 | 9.20 | 9.49 | |
| | | 38 | | | 4.70 | 5.30 | 5.96 | 6.65 | 7.39 | 8.15 | 8.93 | | | |
| | | 43 | | | 4.77 | 5.41 | 6.10 | 6.85 | | | | | | |
| | | 46 | | | | 5.48 | 6.20 | | | | | | | |
| | | 49 | | | | | | | | | | | | |
| R7-LHA-50X (2) | Q | 32 | 3.64 | 4.80 | 6.12 | 7.62 | 9.28 | 11.09 | | | | | | |
| | | 38 | 3.18 | 4.23 | 5.45 | 6.81 | 8.32 | | | | | | | |
| | | 43 | 2.80 | 3.78 | 4.89 | 6.14 | 7.53 | | | | | | | |
| | | 46 | 2.57 | 3.50 | 4.56 | 5.75 | | | | | | | | |
| | | 49 | 2.35 | 3.23 | | | | | | | | | | |
| | P | 32 | 3.63 | 4.20 | 4.79 | 5.41 | 6.06 | 6.74 | | | | | | |
| | | 38 | 3.60 | 4.20 | 4.84 | 5.50 | 6.19 | | | | | | | |
| | | 43 | 3.56 | 4.19 | 4.85 | 5.55 | 6.28 | | | | | | | |
| | | 46 | 3.53 | 4.18 | 4.86 | 5.57 | | | | | | | | |
| | | 49 | 3.49 | 4.16 | | | | | | | | | | |
| V9-2SK-65X (2) | Q | 32 | 3.39 | 5.18 | 6.85 | 8.73 | 10.80 | 13.10 | 15.60 | 18.30 | | | | |
| | | 38 | 2.78 | 4.10 | 6.04 | 7.75 | 9.65 | 11.75 | 14.00 | 16.45 | | | | |
| | | 43 | 2.31 | 3.53 | 5.38 | 6.95 | 8.69 | 10.60 | | | | | | |
| | | 46 | 2.04 | 3.20 | 4.47 | 6.49 | 8.13 | | | | | | | |
| | | 49 | 1.77 | 2.88 | 4.08 | | | | | | | | | |
| | P | 32 | 3.77 | 4.45 | 5.16 | 5.91 | 6.70 | 7.53 | 8.41 | 9.36 | | | | |
| | | 38 | 3.73 | 4.45 | 5.22 | 6.02 | 6.87 | 7.77 | 8.72 | 9.73 | | | | |
| | | 43 | 3.68 | 4.44 | 5.24 | 6.09 | 6.99 | 7.94 | | | | | | |
| | | 46 | 3.65 | 4.43 | 5.25 | 6.13 | 7.05 | | | | | | | |
| | | 49 | 3.62 | 4.42 | 5.26 | | | | | | | | | |
| V9-3SA-75X (2) | Q | 32 | 6.54 | 8.40 | 10.50 | 12.85 | 15.40 | 18.10 | 21.00 | 24.00 | 25.30 | | | |
| | | 38 | 5.70 | 7.40 | 9.31 | 11.40 | 13.65 | 16.10 | 18.65 | | | | | |
| | | 43 | 5.00 | 6.57 | 8.31 | 10.20 | 12.25 | | | | | | | |
| | | 46 | | 6.07 | 7.71 | | | | | | | | | |
| | | 49 | | | | | | | | | | | | |
| | P | 32 | 4.67 | 5.38 | 6.12 | 6.90 | 7.69 | 8.49 | 9.29 | 10.05 | 10.35 | | | |
| | | 38 | 4.65 | 5.40 | 6.20 | 7.03 | 7.89 | 8.75 | 9.61 | | | | | |
| | | 43 | 4.60 | 5.38 | 6.22 | 7.09 | 8.00 | | | | | | | |
| | | 46 | | 5.35 | 6.21 | | | | | | | | | |
| | | 49 | | | | | | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

□ 0°C Suction gas return
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 | |
| S9-3SC-75X (2) | Q | 32 | 3.76 | 5.65 | 7.36 | 9.31 | 11.45 | 13.80 | 16.30 | 18.95 | | | | |
| | | 38 | 3.14 | 4.39 | 6.42 | 8.14 | 10.05 | 12.15 | 14.35 | | | | | |
| | | 43 | 2.66 | 3.76 | 5.64 | 7.19 | 8.90 | | | | | | | |
| | | 46 | 2.39 | 3.40 | 4.56 | 6.62 | | | | | | | | |
| | | 49 | 2.13 | 3.05 | | | | | | | | | | |
| | P | 32 | 4.03 | 4.84 | 5.70 | 6.63 | 7.60 | 8.62 | 9.68 | 10.80 | | | | |
| | | 38 | 4.00 | 4.83 | 5.74 | 6.70 | 7.72 | 8.79 | 9.90 | | | | | |
| | | 43 | 3.96 | 4.81 | 5.74 | 6.74 | 7.79 | | | | | | | |
| | | 46 | 3.93 | 4.79 | 5.74 | 6.75 | | | | | | | | |
| | | 49 | 3.89 | 4.77 | | | | | | | | | | |
| V6-3SC-75X (2) | Q | 32 | 3.99 | 6.03 | 7.96 | 10.20 | 12.80 | 15.65 | 18.85 | 22.30 | | | | |
| | | 38 | 3.34 | 5.23 | 6.96 | 8.97 | 11.25 | 13.85 | 16.70 | 19.85 | | | | |
| | | 43 | 2.83 | 4.05 | 6.14 | 7.95 | 10.05 | 12.35 | 14.95 | 17.85 | | | | |
| | | 46 | 2.54 | 3.67 | 5.66 | 7.35 | 9.29 | 11.50 | | | | | | |
| | | 49 | 2.27 | 3.30 | 4.52 | 6.75 | | | | | | | | |
| | P | 32 | 4.36 | 5.16 | 6.00 | 6.88 | 7.79 | 8.71 | 9.66 | 10.60 | | | | |
| | | 38 | 4.34 | 5.17 | 6.05 | 6.98 | 7.95 | 8.94 | 9.95 | 11.00 | | | | |
| | | 43 | 4.30 | 5.15 | 6.07 | 7.04 | 8.05 | 9.10 | 10.15 | 11.25 | | | | |
| | | 46 | 4.27 | 5.14 | 6.07 | 7.06 | 8.10 | 9.18 | | | | | | |
| | | 49 | 4.24 | 5.12 | 6.07 | 7.08 | | | | | | | | |
| V6-3SC-100X (2) | Q | 32 | | | 8.41 | 10.70 | 13.35 | 16.25 | 19.40 | 22.80 | 26.50 | 30.30 | 31.90 | |
| | | 38 | | | 7.43 | 9.54 | 11.90 | 14.50 | 17.35 | 20.40 | 23.70 | 27.10 | | |
| | | 43 | | | 6.60 | 8.56 | 10.70 | 13.10 | 15.65 | | | | | |
| | | 46 | | | | 7.97 | 10.00 | 12.20 | | | | | | |
| | | 49 | | | | 7.38 | | | | | | | | |
| | P | 32 | | | 6.06 | 6.87 | 7.73 | 8.61 | 9.50 | 10.40 | 11.30 | 12.15 | 12.50 | |
| | | 38 | | | 6.09 | 6.97 | 7.90 | 8.86 | 9.83 | 10.80 | 11.80 | 12.75 | | |
| | | 43 | | | 6.08 | 7.01 | 8.00 | 9.02 | 10.05 | | | | | |
| | | 46 | | | | 7.02 | 8.04 | 9.10 | | | | | | |
| | | 49 | | | | 7.01 | | | | | | | | |
| V6-3SS-100X (2) | Q | 32 | 5.85 | 8.48 | 10.90 | 13.65 | 16.65 | 19.95 | 23.50 | 27.40 | | | | |
| | | 38 | 4.99 | 6.88 | 9.74 | 12.25 | 14.95 | 17.95 | 21.20 | 24.60 | | | | |
| | | 43 | 4.30 | 6.06 | 8.78 | 11.05 | 13.55 | 16.25 | | | | | | |
| | | 46 | 3.90 | 5.57 | 7.38 | 10.35 | | | | | | | | |
| | | 49 | 3.50 | 5.09 | 6.79 | | | | | | | | | |
| | P | 32 | 5.98 | 6.94 | 8.01 | 9.19 | 10.45 | 11.85 | 13.30 | 14.90 | | | | |
| | | 38 | 6.05 | 7.02 | 8.14 | 9.38 | 10.75 | 12.20 | 13.80 | 15.45 | | | | |
| | | 43 | 6.14 | 7.12 | 8.26 | 9.54 | 10.95 | 12.50 | | | | | | |
| | | 46 | 6.22 | 7.19 | 8.33 | 9.64 | | | | | | | | |
| | | 49 | 6.31 | 7.27 | 8.42 | | | | | | | | | |
| W9-3SS-100X (2) | Q | 32 | 5.88 | 8.52 | 11.00 | 13.75 | 16.80 | 20.10 | 23.80 | 27.70 | | | | |
| | | 38 | 5.02 | 6.92 | 9.80 | 12.30 | 15.10 | 18.10 | 21.40 | 24.90 | | | | |
| | | 43 | 4.32 | 6.09 | 8.83 | 11.15 | 13.65 | 16.40 | | | | | | |
| | | 46 | 3.92 | 5.60 | 7.43 | 10.45 | | | | | | | | |
| | | 49 | 3.52 | 5.12 | 6.84 | | | | | | | | | |
| | P | 32 | 5.98 | 6.94 | 8.01 | 9.18 | 10.45 | 11.80 | 13.25 | 14.80 | | | | |
| | | 38 | 6.05 | 7.02 | 8.13 | 9.37 | 10.70 | 12.15 | 13.75 | 15.40 | | | | |
| | | 43 | 6.14 | 7.11 | 8.25 | 9.52 | 10.95 | 12.45 | | | | | | |
| | | 46 | 6.21 | 7.18 | 8.32 | 9.63 | | | | | | | | |
| | | 49 | 6.31 | 7.27 | 8.41 | | | | | | | | | |
| W9-3SS-150X (2) | Q | 32 | | | 11.40 | 14.30 | 17.55 | 21.10 | 24.90 | 28.90 | 33.20 | 37.70 | 39.50 | |
| | | 38 | | | 10.15 | 12.80 | 15.75 | 18.95 | 22.30 | 26.00 | | | | |
| | | 43 | | | 9.08 | 11.60 | 14.25 | 17.15 | | | | | | |
| | | 46 | | | | 10.85 | | | | | | | | |
| | | 49 | | | | | | | | | | | | |
| | P | 32 | | | 8.41 | 9.57 | 10.80 | 12.05 | 13.35 | 14.70 | 16.10 | 17.55 | 18.15 | |
| | | 38 | | | 8.47 | 9.74 | 11.05 | 12.40 | 13.80 | 15.25 | | | | |
| | | 43 | | | 8.47 | 9.82 | 11.20 | 12.65 | | | | | | |
| | | 46 | | | | 9.85 | | | | | | | | |
| | | 49 | | | | | | | | | | | | |
| Z9-4SA-200X (4) | Q | 32 | | | 12.25 | 15.90 | 20.10 | 24.70 | 30.00 | 35.80 | 42.10 | 49.00 | 51.80 | |
| | | 38 | | | 10.80 | 14.10 | 17.85 | 22.10 | 26.80 | 32.10 | 37.80 | 44.00 | 46.60 | |
| | | 43 | | | 9.56 | 12.60 | 16.05 | 19.90 | 24.20 | 29.00 | 34.20 | 39.90 | | |
| | | 46 | | | 8.85 | 11.70 | 14.95 | 18.60 | 22.70 | 27.20 | | | | |
| | | 49 | | | 8.16 | 10.85 | 13.90 | 17.30 | | | | | | |
| | P | 32 | | | 9.08 | 10.25 | 11.45 | 12.60 | 13.80 | 14.95 | 16.05 | 17.15 | 17.60 | |
| | | 38 | | | 9.15 | 10.45 | 11.75 | 13.05 | 14.35 | 15.65 | 16.95 | 18.25 | 18.75 | |
| | | 43 | | | 9.15 | 10.50 | 11.90 | 13.35 | 14.75 | 16.20 | 17.65 | 19.05 | | |
| | | 46 | | | 9.12 | 10.55 | 12.00 | 13.50 | 15.00 | 16.50 | | | | |
| | | 49 | | | 9.07 | 10.55 | 12.05 | 13.60 | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

0°C Suction gas return
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| V6-4SL-150X (2) | Q | 32 | 8.09 | 11.80 | 15.10 | 18.70 | 22.60 | 26.70 | 30.90 | | | | |
| | | 38 | 6.94 | 9.57 | 13.45 | 16.65 | 20.10 | 23.70 | | | | | |
| | | 43 | 6.01 | 8.42 | 10.95 | 14.95 | | | | | | | |
| | | 46 | 5.47 | 7.73 | 10.10 | | | | | | | | |
| | | 49 | 4.93 | | | | | | | | | | |
| | P | 32 | 7.90 | 9.43 | 11.10 | 12.85 | 14.75 | 16.75 | 18.95 | | | | |
| | | 38 | 7.77 | 9.42 | 11.20 | 13.05 | 15.10 | 17.25 | | | | | |
| | | 43 | 7.60 | 9.34 | 11.20 | 13.20 | | | | | | | |
| | | 46 | 7.47 | 9.27 | 11.20 | | | | | | | | |
| | | 49 | 7.31 | | | | | | | | | | |
| Z9-4SH-250X (4) | Q | 32 | | | 15.40 | 19.85 | 24.90 | 30.50 | 36.70 | 43.40 | 50.70 | 58.40 | 61.60 |
| | | 38 | | | 13.65 | 17.65 | 22.20 | 27.20 | 32.80 | 38.80 | 45.30 | 52.20 | 55.00 |
| | | 43 | | | 12.25 | 15.90 | 20.00 | 24.50 | 29.50 | 34.90 | | | |
| | | 46 | | | 11.40 | 14.80 | 18.65 | 22.90 | | | | | |
| | | 49 | | | 10.55 | 13.75 | | | | | | | |
| | P | 32 | | | 11.35 | 12.90 | 14.50 | 16.10 | 17.70 | 19.35 | 21.00 | 22.70 | 23.40 |
| | | 38 | | | 11.50 | 13.15 | 14.90 | 16.65 | 18.45 | 20.30 | 22.10 | 23.90 | 24.70 |
| | | 43 | | | 11.55 | 13.30 | 15.15 | 17.05 | 18.95 | 20.90 | | | |
| | | 46 | | | 11.55 | 13.35 | 15.25 | 17.25 | | | | | |
| | | 49 | | | 11.50 | 13.40 | | | | | | | |
| W9-4ST-200X (4) | Q | 32 | 9.78 | 13.95 | 17.60 | 21.60 | 25.90 | 30.40 | 35.00 | | | | |
| | | 38 | 8.40 | 11.25 | 15.60 | 19.15 | 22.90 | | | | | | |
| | | 43 | 7.29 | 9.83 | 12.60 | 15.50 | | | | | | | |
| | | 46 | 6.64 | 9.00 | | | | | | | | | |
| | | 49 | 6.01 | | | | | | | | | | |
| | P | 32 | 9.20 | 11.00 | 12.95 | 15.05 | 17.35 | 19.85 | 22.60 | | | | |
| | | 38 | 9.12 | 11.00 | 13.05 | 15.25 | 17.70 | | | | | | |
| | | 43 | 8.99 | 10.95 | 13.05 | 15.35 | | | | | | | |
| | | 46 | 8.88 | 10.90 | | | | | | | | | |
| | | 49 | 8.74 | | | | | | | | | | |
| Z9-4SJ-300X (4) | Q | 32 | | | 18.50 | 23.80 | 29.70 | 36.10 | 43.00 | 50.30 | 57.90 | 65.90 | 69.20 |
| | | 38 | | | 16.25 | 21.20 | 26.50 | 32.30 | 38.50 | 45.10 | 51.90 | | |
| | | 43 | | | 14.35 | 18.95 | 23.90 | 29.20 | 34.80 | | | | |
| | | 46 | | | 13.25 | 17.65 | 22.40 | | | | | | |
| | | 49 | | | 12.15 | | | | | | | | |
| | P | 32 | | | 12.75 | 14.75 | 16.80 | 18.85 | 20.90 | 22.90 | 25.00 | 26.90 | 27.70 |
| | | 38 | | | 12.80 | 15.00 | 17.20 | 19.45 | 21.70 | 23.90 | 26.10 | | |
| | | 43 | | | 12.75 | 15.10 | 17.50 | 19.85 | 22.30 | | | | |
| | | 46 | | | 12.65 | 15.10 | 17.60 | | | | | | |
| | | 49 | | | 12.55 | | | | | | | | |
| Z9-6SL-250X (4) | Q | 32 | 12.65 | 18.25 | 23.50 | 29.30 | 35.60 | 42.40 | 49.50 | 57.00 | | | |
| | | 38 | 10.75 | 14.70 | 20.70 | 26.00 | 31.60 | 37.70 | 44.10 | | | | |
| | | 43 | 9.24 | 12.80 | 18.50 | 23.20 | 28.30 | 33.80 | | | | | |
| | | 46 | 8.35 | 11.70 | 15.40 | 21.60 | | | | | | | |
| | | 49 | 7.48 | 10.60 | | | | | | | | | |
| | P | 32 | 12.00 | 14.30 | 16.75 | 19.35 | 22.10 | 24.90 | 27.90 | 30.90 | | | |
| | | 38 | 12.00 | 14.40 | 17.00 | 19.75 | 22.70 | 25.70 | 28.80 | | | | |
| | | 43 | 11.90 | 14.40 | 17.15 | 20.00 | 23.10 | 26.30 | | | | | |
| | | 46 | 11.85 | 14.40 | 17.20 | 20.20 | | | | | | | |
| | | 49 | 11.80 | 14.40 | | | | | | | | | |
| Z9-6ST-320X (4) | Q | 32 | 14.45 | 21.50 | 27.70 | 34.50 | 41.90 | 49.80 | 58.10 | | | | |
| | | 38 | 12.45 | 16.95 | 24.50 | 30.60 | 37.20 | 44.30 | | | | | |
| | | 43 | 10.80 | 14.80 | 21.80 | 27.30 | | | | | | | |
| | | 46 | 9.83 | 13.50 | 17.70 | | | | | | | | |
| | | 49 | 8.87 | 12.25 | | | | | | | | | |
| | P | 32 | 14.30 | 17.05 | 19.95 | 23.10 | 26.40 | 29.90 | 33.60 | | | | |
| | | 38 | 14.20 | 17.10 | 20.20 | 23.50 | 27.00 | 30.70 | | | | | |
| | | 43 | 13.95 | 17.00 | 20.20 | 23.70 | | | | | | | |
| | | 46 | 13.75 | 16.85 | 20.20 | | | | | | | | |
| | | 49 | 13.50 | 16.70 | | | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

0°C Suction gas return
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| R7-2DD-50X (2) | Q | 32 | | 3.06 | 4.12 | 5.33 | 6.69 | 8.21 | 9.89 | 11.70 | 13.70 | 15.85 | 16.75 |
| | | 38 | | 2.61 | 3.58 | 4.68 | 5.91 | 7.28 | 8.80 | 10.45 | 12.25 | 14.20 | |
| | | 43 | | 2.24 | 3.13 | 4.14 | 5.26 | 6.51 | 7.89 | 9.40 | 11.05 | | |
| | | 46 | | 2.02 | 2.87 | 3.82 | 4.87 | 6.05 | 7.35 | 8.77 | 10.30 | | |
| | | 49 | | | 2.60 | 3.50 | 4.49 | 5.59 | 6.81 | 8.14 | | | |
| | P | 32 | | 2.63 | 3.00 | 3.37 | 3.76 | 4.14 | 4.53 | 4.91 | 5.28 | 5.64 | 5.79 |
| | | 38 | | 2.62 | 3.02 | 3.43 | 3.86 | 4.29 | 4.73 | 5.16 | 5.59 | 6.01 | |
| | | 43 | | 2.59 | 3.01 | 3.46 | 3.93 | 4.40 | 4.88 | 5.35 | 5.82 | | |
| | | 46 | | 2.56 | 3.01 | 3.47 | 3.96 | 4.46 | 4.96 | 5.46 | 5.96 | | |
| | | 49 | | | 2.99 | 3.48 | 3.99 | 4.51 | 5.03 | 5.56 | | | |
| R7-2DL-75X (2) | Q | 32 | | 3.84 | 5.02 | 6.41 | 8.00 | 9.78 | 11.75 | 13.85 | 16.15 | 18.55 | |
| | | 38 | | 3.36 | 4.41 | 5.65 | 7.07 | 8.68 | 10.45 | 12.40 | 14.45 | | |
| | | 43 | | 2.99 | 3.92 | 5.03 | 6.31 | 7.77 | 9.38 | 11.15 | 13.05 | | |
| | | 46 | | | 3.64 | 4.66 | 5.86 | 7.22 | 8.74 | 10.40 | | | |
| | | 49 | | | 3.36 | 4.31 | 5.41 | 6.68 | 8.10 | | | | |
| | P | 32 | | 3.15 | 3.59 | 4.05 | 4.54 | 5.06 | 5.59 | 6.14 | 6.70 | 7.27 | |
| | | 38 | | 3.16 | 3.61 | 4.11 | 4.64 | 5.20 | 5.78 | 6.39 | 7.00 | | |
| | | 43 | | 3.15 | 3.62 | 4.14 | 4.71 | 5.30 | 5.92 | 6.57 | 7.23 | | |
| | | 46 | | | 3.62 | 4.16 | 4.74 | 5.35 | 6.00 | 6.67 | | | |
| | | 49 | | | 3.61 | 4.16 | 4.76 | 5.40 | 6.06 | | | | |
| R7-2DB-50X (2) | Q | 32 | 3.30 | 4.75 | 6.14 | 7.72 | 9.47 | 11.36 | 13.38 | 15.49 | | | |
| | | 38 | 2.83 | 3.83 | 5.43 | 6.86 | 8.45 | 10.16 | 11.99 | | | | |
| | | 43 | 2.46 | 3.35 | 4.87 | 6.17 | 7.62 | 9.19 | 10.85 | | | | |
| | | 46 | 2.24 | 3.08 | 4.08 | 5.77 | 7.13 | 8.61 | 10.18 | | | | |
| | | 49 | 2.03 | 2.81 | 3.74 | 5.37 | 6.65 | 8.04 | | | | | |
| | P | 32 | 3.16 | 3.68 | 4.26 | 4.90 | 5.57 | 6.28 | 7.00 | 7.74 | | | |
| | | 38 | 3.17 | 3.72 | 4.34 | 5.02 | 5.74 | 6.51 | 7.30 | | | | |
| | | 43 | 3.18 | 3.74 | 4.39 | 5.11 | 5.88 | 6.69 | 7.53 | | | | |
| | | 46 | 3.19 | 3.76 | 4.42 | 5.16 | 5.95 | 6.79 | 7.67 | | | | |
| | | 49 | 3.20 | 3.78 | 4.45 | 5.21 | 6.03 | 6.89 | | | | | |
| S9-2DB-75X (2) | Q | 32 | | 5.10 | 6.52 | 8.15 | 9.97 | 12.00 | 14.20 | 16.65 | 19.20 | 21.90 | 23.10 |
| | | 38 | | 4.51 | 5.79 | 7.24 | 8.87 | 10.65 | 12.65 | 14.80 | 17.10 | | |
| | | 43 | | 4.01 | 5.17 | 6.47 | 7.93 | 9.55 | 11.35 | 13.30 | 15.35 | | |
| | | 46 | | | 4.79 | 6.01 | 7.37 | 8.88 | 10.55 | 12.35 | 14.30 | | |
| | | 49 | | | 4.42 | 5.54 | 6.80 | 8.20 | 9.74 | | | | |
| | P | 32 | | 3.91 | 4.42 | 4.99 | 5.60 | 6.23 | 6.88 | 7.55 | 8.21 | 8.87 | 9.13 |
| | | 38 | | 3.99 | 4.50 | 5.08 | 5.72 | 6.39 | 7.08 | 7.80 | 8.52 | | |
| | | 43 | | 4.05 | 4.56 | 5.15 | 5.80 | 6.49 | 7.22 | 7.97 | 8.73 | | |
| | | 46 | | | 4.60 | 5.19 | 5.84 | 6.55 | 7.29 | 8.06 | 8.84 | | |
| | | 49 | | | 4.63 | 5.22 | 5.88 | 6.59 | 7.35 | | | | |
| S9-3DA-75X (2) | Q | 32 | | 5.42 | 7.14 | 9.05 | 11.15 | 13.50 | 16.00 | 18.65 | 21.50 | 24.50 | |
| | | 38 | | 4.66 | 6.24 | 7.99 | 9.91 | 12.00 | 14.25 | 16.70 | 19.25 | | |
| | | 43 | | 4.03 | 5.50 | 7.11 | 8.87 | 10.80 | 12.85 | 15.05 | | | |
| | | 46 | | | 5.05 | 6.58 | 8.24 | 10.05 | 12.00 | | | | |
| | | 49 | | | 4.61 | 6.06 | 7.62 | 9.31 | | | | | |
| | P | 32 | | 4.36 | 5.06 | 5.77 | 6.50 | 7.23 | 7.97 | 8.72 | 9.47 | 10.25 | |
| | | 38 | | 4.31 | 5.07 | 5.84 | 6.64 | 7.44 | 8.25 | 9.07 | 9.89 | | |
| | | 43 | | 4.23 | 5.04 | 5.87 | 6.71 | 7.57 | 8.44 | 9.32 | | | |
| | | 46 | | | 5.00 | 5.86 | 6.74 | 7.64 | 8.54 | | | | |
| | | 49 | | | 4.95 | 5.84 | 6.75 | 7.68 | | | | | |
| R7-3DC-75X (2) | Q | 32 | 4.87 | 6.71 | 8.36 | 10.15 | 12.05 | 14.05 | 16.15 | | | | |
| | | 38 | 4.22 | 5.47 | 7.38 | 8.95 | 10.60 | 12.40 | 14.25 | | | | |
| | | 43 | 3.63 | 4.74 | 5.93 | 7.91 | 9.40 | 10.95 | | | | | |
| | | 46 | 3.26 | 4.29 | 5.38 | 7.27 | 8.64 | | | | | | |
| | | 49 | 2.87 | 3.82 | 4.82 | 5.88 | | | | | | | |
| | P | 32 | 4.59 | 5.36 | 6.18 | 7.04 | 7.94 | 8.89 | 9.89 | | | | |
| | | 38 | 4.56 | 5.38 | 6.24 | 7.15 | 8.11 | 9.12 | 10.15 | | | | |
| | | 43 | 4.48 | 5.33 | 6.24 | 7.19 | 8.19 | 9.25 | | | | | |
| | | 46 | 4.41 | 5.28 | 6.21 | 7.18 | 8.22 | | | | | | |
| | | 49 | 4.32 | 5.21 | 6.16 | 7.17 | | | | | | | |
| V6-3DC-100X (2) | Q | 32 | 7.08 | 9.30 | 11.80 | 14.55 | 17.55 | 20.90 | 24.50 | 28.40 | 32.50 | 34.20 | |
| | | 38 | 6.14 | 8.19 | 10.45 | 12.95 | 15.70 | 18.65 | 21.90 | 25.40 | 29.10 | | |
| | | 43 | 5.36 | 7.26 | 9.34 | 11.60 | 14.10 | 16.80 | 19.75 | 22.90 | | | |
| | | 46 | 4.89 | 6.70 | 8.67 | 10.80 | 13.15 | 15.65 | 18.45 | 21.40 | | | |
| | | 49 | | 6.15 | 8.00 | 10.00 | 12.20 | 14.55 | 17.10 | | | | |
| | P | 32 | 5.41 | 6.18 | 6.96 | 7.75 | 8.54 | 9.31 | 10.05 | 10.75 | 11.45 | 11.70 | |
| | | 38 | 5.42 | 6.26 | 7.12 | 8.00 | 8.88 | 9.74 | 10.60 | 11.40 | 12.15 | | |
| | | 43 | 5.38 | 6.27 | 7.20 | 8.15 | 9.11 | 10.05 | 11.00 | 11.90 | | | |
| | | 46 | 5.33 | 6.26 | 7.22 | 8.22 | 9.22 | 10.20 | 11.20 | 12.15 | | | |
| | | 49 | | 6.22 | 7.23 | 8.26 | 9.31 | 10.35 | 11.40 | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

□ 0°C Suction gas return
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| S9-3DS-100X (2) | Q | 32 | 6.59 | 9.04 | 11.25 | 13.60 | 16.15 | 18.80 | 21.50 | | | | |
| | | 38 | 5.72 | 7.43 | 10.05 | 12.15 | 14.45 | 16.80 | 19.20 | | | | |
| | | 43 | 4.99 | 6.55 | 8.22 | 10.95 | 13.00 | | | | | | |
| | | 46 | 4.54 | 6.02 | 7.58 | 10.20 | | | | | | | |
| | | 49 | | 5.49 | 6.95 | 8.44 | | | | | | | |
| | P | 32 | 6.04 | 7.07 | 8.20 | 9.41 | 10.70 | 12.05 | 13.50 | | | | |
| | | 38 | 6.08 | 7.16 | 8.36 | 9.64 | 11.00 | 12.45 | 13.95 | | | | |
| | | 43 | 6.07 | 7.20 | 8.43 | 9.79 | 11.20 | | | | | | |
| | | 46 | 6.05 | 7.20 | 8.47 | 9.85 | | | | | | | |
| | | 49 | | 7.19 | 8.49 | 9.89 | | | | | | | |
| W9-3DS-150X (2) | Q | 32 | | 9.43 | 12.20 | 15.30 | 18.65 | 22.30 | 26.20 | 30.50 | 35.00 | 39.70 | |
| | | 38 | | 8.22 | 10.80 | 13.60 | 16.65 | 19.90 | 23.50 | 27.30 | 31.30 | | |
| | | 43 | | 7.21 | 9.60 | 12.15 | 14.95 | 17.95 | 21.10 | 24.60 | 28.20 | | |
| | | 46 | | | 8.88 | 11.30 | 13.95 | 16.75 | 19.75 | 23.00 | | | |
| | | 49 | | | 8.16 | 10.45 | 12.90 | 15.55 | 18.35 | | | | |
| | P | 32 | | 7.07 | 8.18 | 9.33 | 10.50 | 11.70 | 12.85 | 14.00 | 15.10 | 16.15 | |
| | | 38 | | 7.08 | 8.30 | 9.57 | 10.85 | 12.15 | 13.45 | 14.70 | 15.95 | | |
| | | 43 | | 7.01 | 8.32 | 9.69 | 11.10 | 12.50 | 13.90 | 15.25 | 16.60 | | |
| | | 46 | | | 8.30 | 9.73 | 11.20 | 12.65 | 14.10 | 15.55 | | | |
| | | 49 | | | 8.25 | 9.74 | 11.25 | 12.80 | 14.35 | | | | |
| W9-4MF-13X (2) | Q | 32 | 7.47 | 10.82 | 13.75 | 17.03 | 20.64 | 24.56 | 28.78 | 33.26 | | | |
| | | 38 | 6.40 | 9.53 | 12.15 | 15.07 | 18.30 | 21.81 | 25.59 | 29.61 | | | |
| | | 43 | 4.74 | 7.46 | 10.83 | 13.46 | 16.37 | 19.53 | 22.95 | | | | |
| | | 46 | 4.24 | 6.82 | 10.05 | 12.51 | 15.22 | 18.17 | 21.36 | | | | |
| | | 49 | 3.76 | 6.20 | 8.03 | 11.56 | 14.07 | 16.82 | | | | | |
| | P | 32 | 6.99 | 8.21 | 9.49 | 10.82 | 12.22 | 13.67 | 15.19 | 16.79 | | | |
| | | 38 | 6.99 | 8.30 | 9.67 | 11.11 | 12.62 | 14.19 | 15.83 | 17.55 | | | |
| | | 43 | 6.96 | 8.33 | 9.79 | 11.32 | 12.92 | 14.59 | 16.33 | | | | |
| | | 46 | 6.92 | 8.33 | 9.84 | 11.42 | 13.08 | 14.81 | 16.61 | | | | |
| | | 49 | 6.87 | 8.33 | 9.87 | 11.51 | 13.22 | 15.01 | | | | | |
| Z9-4MA-22X (4) | Q | 32 | | 11.65 | 15.30 | 19.40 | 24.00 | 29.10 | 34.80 | 40.90 | 47.70 | 55.00 | 58.10 |
| | | 38 | | 10.05 | 13.45 | 17.25 | 21.50 | 26.10 | 31.30 | 36.90 | 43.10 | 49.70 | 52.60 |
| | | 43 | | 7.66 | 11.90 | 15.45 | 19.35 | 23.60 | 28.40 | 33.50 | 39.20 | 45.40 | 48.00 |
| | | 46 | | 6.83 | 11.00 | 14.35 | 18.10 | 22.20 | 26.60 | 31.60 | 36.90 | 42.80 | |
| | | 49 | | | 10.05 | 13.30 | 16.85 | 20.70 | 24.90 | 29.60 | 34.60 | | |
| | P | 32 | | 8.86 | 10.10 | 11.30 | 12.50 | 13.70 | 14.85 | 15.95 | 17.05 | 18.15 | 18.60 |
| | | 38 | | 8.85 | 10.25 | 11.60 | 13.00 | 14.35 | 15.65 | 16.95 | 18.25 | 19.55 | 20.10 |
| | | 43 | | 8.78 | 10.30 | 11.80 | 13.30 | 14.80 | 16.30 | 17.75 | 19.20 | 20.70 | 21.20 |
| | | 46 | | 8.70 | 10.30 | 11.90 | 13.50 | 15.10 | 16.65 | 18.20 | 19.75 | 21.30 | |
| | | 49 | | | 10.25 | 11.95 | 13.65 | 15.35 | 17.00 | 18.65 | 20.30 | | |
| W9-4ML-15X (2) | Q | 32 | 9.20 | 13.09 | 16.47 | 20.18 | 24.20 | 28.51 | 33.07 | 37.85 | | | |
| | | 38 | 7.94 | 11.62 | 14.68 | 18.02 | 21.63 | 25.49 | 29.57 | | | | |
| | | 43 | 5.98 | 9.25 | 13.17 | 16.21 | 19.48 | 22.96 | 26.65 | | | | |
| | | 46 | 5.34 | 8.48 | 10.88 | 15.12 | 18.19 | 21.45 | | | | | |
| | | 49 | 4.69 | 6.85 | 9.94 | 14.03 | 16.89 | | | | | | |
| | P | 32 | 8.39 | 9.85 | 11.41 | 13.08 | 14.83 | 16.66 | 18.55 | 20.50 | | | |
| | | 38 | 8.48 | 10.00 | 11.64 | 13.40 | 15.25 | 17.19 | 19.21 | | | | |
| | | 43 | 8.54 | 10.09 | 11.80 | 13.63 | 15.56 | 17.59 | 19.70 | | | | |
| | | 46 | 8.57 | 10.14 | 11.86 | 13.75 | 15.73 | 17.81 | | | | | |
| | | 49 | 8.59 | 10.18 | 11.94 | 13.86 | 15.88 | | | | | | |
| Z9-4MH-25X (4) | Q | 32 | | 13.40 | 17.50 | 22.10 | 27.30 | 33.20 | 39.60 | 46.70 | 54.50 | 62.80 | 66.30 |
| | | 38 | | 11.75 | 15.50 | 19.70 | 24.50 | 29.80 | 35.60 | 42.10 | 49.10 | 56.70 | 59.90 |
| | | 43 | | 9.15 | 13.80 | 17.70 | 22.00 | 26.90 | 32.30 | 38.20 | 44.60 | 51.60 | |
| | | 46 | | 8.28 | 12.80 | 16.50 | 20.60 | 25.20 | 30.20 | 35.80 | 41.90 | | |
| | | 49 | | | 11.75 | 15.25 | 19.15 | 23.40 | 28.20 | 33.40 | 39.20 | | |
| | P | 32 | | 10.20 | 11.60 | 13.10 | 14.55 | 16.05 | 17.55 | 19.05 | 20.50 | 22.00 | 22.60 |
| | | 38 | | 10.20 | 11.80 | 13.40 | 15.05 | 16.75 | 18.45 | 20.20 | 21.80 | 23.50 | 24.20 |
| | | 43 | | 10.15 | 11.85 | 13.60 | 15.45 | 17.30 | 19.15 | 21.00 | 22.90 | 24.80 | |
| | | 46 | | 10.10 | 11.85 | 13.70 | 15.60 | 17.55 | 19.55 | 21.50 | 23.50 | | |
| | | 49 | | | 11.85 | 13.80 | 15.80 | 17.85 | 19.90 | 22.00 | 24.10 | | |
| W9-4MM-20X (2) | Q | 32 | 10.35 | 14.50 | 18.05 | 21.90 | 25.90 | 30.20 | 34.60 | 39.20 | | | |
| | | 38 | 8.92 | 11.65 | 16.00 | 19.40 | 23.00 | 26.80 | 30.70 | | | | |
| | | 43 | 6.76 | 10.20 | 14.30 | 17.35 | 20.60 | 23.90 | | | | | |
| | | 46 | 6.04 | 9.35 | 11.80 | 16.15 | 19.15 | | | | | | |
| | | 49 | 5.33 | 7.56 | 10.75 | 14.90 | | | | | | | |
| | P | 32 | 9.37 | 10.95 | 12.70 | 14.50 | 16.45 | 18.50 | 20.70 | 23.00 | | | |
| | | 38 | 9.41 | 11.10 | 12.95 | 14.90 | 17.00 | 19.20 | 21.50 | | | | |
| | | 43 | 9.38 | 11.15 | 13.10 | 15.15 | 17.35 | 19.70 | | | | | |
| | | 46 | 9.32 | 11.15 | 13.15 | 15.30 | 17.55 | | | | | | |
| | | 49 | 9.24 | 11.15 | 13.20 | 15.40 | | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

0°C Suction gas return 20K Superheat
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| Z9-4MI-30X (4) | Q | 32 | | 15.40 | 19.95 | 25.00 | 30.50 | 36.60 | 43.10 | 50.30 | 57.90 | 66.10 | 69.50 |
| | | 38 | | 13.45 | 17.70 | 22.30 | 27.40 | 32.80 | 38.80 | 45.20 | 52.10 | 59.50 | 62.50 |
| | | 43 | | 10.50 | 15.80 | 20.10 | 24.70 | 29.70 | 35.10 | 40.90 | 47.20 | 53.90 | |
| | | 46 | | 9.48 | 14.60 | 18.70 | 23.10 | 27.80 | 32.80 | 38.30 | 44.20 | | |
| | | 49 | | | 13.45 | 17.30 | 21.40 | 25.80 | 30.60 | 35.70 | | | |
| | P | 32 | | 11.35 | 13.00 | 14.60 | 16.25 | 17.90 | 19.55 | 21.20 | 22.90 | 24.60 | 25.30 |
| | | 38 | | 11.35 | 13.20 | 15.05 | 16.90 | 18.75 | 20.60 | 22.50 | 24.30 | 26.20 | 27.00 |
| | | 43 | | 11.25 | 13.30 | 15.35 | 17.40 | 19.40 | 21.40 | 23.50 | 25.50 | 27.60 | |
| | | 46 | | 11.15 | 13.30 | 15.50 | 17.65 | 19.75 | 21.90 | 24.10 | 26.20 | | |
| | | 49 | | | 13.30 | 15.55 | 17.85 | 20.10 | 22.40 | 24.60 | | | |
| W9-4MT-22X (2) | Q | 32 | 11.50 | 15.90 | 19.70 | 23.80 | 28.10 | 32.80 | 37.60 | | | | |
| | | 38 | 9.93 | 12.80 | 17.45 | 21.10 | 25.00 | 29.10 | 33.40 | | | | |
| | | 43 | 7.54 | 11.20 | 15.60 | 18.85 | 22.30 | 26.00 | | | | | |
| | | 46 | 6.76 | 10.25 | 12.80 | 17.50 | 20.70 | | | | | | |
| | | 49 | 6.00 | 8.26 | 11.65 | 16.15 | | | | | | | |
| | P | 32 | 10.50 | 12.35 | 14.35 | 16.45 | 18.70 | 21.10 | 23.60 | | | | |
| | | 38 | 10.55 | 12.50 | 14.60 | 16.80 | 19.20 | 21.70 | 24.40 | | | | |
| | | 43 | 10.55 | 12.55 | 14.70 | 17.05 | 19.55 | 22.20 | | | | | |
| | | 46 | 10.50 | 12.55 | 14.75 | 17.15 | 19.70 | | | | | | |
| | | 49 | 10.40 | 12.50 | 14.80 | 17.25 | | | | | | | |
| Z9-4MT-22X (4) | Q | 32 | 13.65 | 17.65 | 22.20 | 27.40 | 33.30 | 39.70 | 46.90 | 54.60 | | | |
| | | 38 | 11.00 | 15.70 | 19.90 | 24.60 | 29.90 | 35.70 | 42.20 | 49.20 | | | |
| | | 43 | 8.48 | 12.70 | 17.90 | 22.20 | 27.00 | 32.30 | 38.20 | | | | |
| | | 46 | 7.64 | 11.70 | 16.70 | 20.70 | 25.30 | 30.30 | 35.90 | | | | |
| | | 49 | 6.82 | 10.65 | 15.50 | 19.25 | 23.50 | 28.20 | 33.50 | | | | |
| | P | 32 | 11.20 | 12.95 | 14.70 | 16.55 | 18.50 | 20.40 | 22.40 | 24.40 | | | |
| | | 38 | 11.35 | 13.15 | 15.10 | 17.10 | 19.20 | 21.30 | 23.50 | 25.70 | | | |
| | | 43 | 11.35 | 13.30 | 15.35 | 17.50 | 19.70 | 22.00 | 24.30 | | | | |
| | | 46 | 11.35 | 13.30 | 15.45 | 17.65 | 19.95 | 22.30 | 24.70 | | | | |
| | | 49 | 11.30 | 13.35 | 15.50 | 17.80 | 20.20 | 22.60 | 25.10 | | | | |
| Z9-4MJ-33X (4) | Q | 32 | | 17.00 | 21.80 | 27.20 | 33.20 | 39.70 | 46.90 | 54.60 | 62.90 | 71.60 | 75.20 |
| | | 38 | | 15.00 | 19.40 | 24.30 | 29.60 | 35.50 | 41.90 | 48.80 | 56.30 | 64.10 | 67.40 |
| | | 43 | | 11.90 | 17.35 | 21.80 | 26.70 | 32.00 | 37.80 | 44.00 | 50.80 | | |
| | | 46 | | 10.85 | 16.15 | 20.30 | 24.90 | 29.90 | 35.30 | 41.10 | 47.40 | | |
| | | 49 | | | 14.90 | 18.85 | 23.10 | 27.80 | 32.80 | 38.30 | | | |
| | P | 32 | | 12.40 | 14.15 | 16.00 | 17.90 | 19.85 | 21.80 | 23.80 | 25.80 | 27.80 | 28.60 |
| | | 38 | | 12.50 | 14.40 | 16.40 | 18.45 | 20.60 | 22.70 | 24.90 | 27.20 | 29.40 | 30.30 |
| | | 43 | | 12.50 | 14.55 | 16.65 | 18.85 | 21.10 | 23.40 | 25.80 | 28.20 | | |
| | | 46 | | 12.50 | 14.60 | 16.75 | 19.05 | 21.40 | 23.80 | 26.30 | 28.80 | | |
| | | 49 | | | 14.60 | 16.85 | 19.25 | 21.70 | 24.20 | 26.70 | | | |
| Z9-4MU-25X (4) | Q | 32 | 14.80 | 19.15 | 24.10 | 29.80 | 36.10 | 43.10 | 50.70 | | | | |
| | | 38 | 11.90 | 17.10 | 21.60 | 26.60 | 32.30 | 38.60 | | | | | |
| | | 43 | 9.17 | 13.70 | 19.35 | 23.90 | 29.00 | 34.70 | | | | | |
| | | 46 | 8.29 | 12.60 | 18.00 | 22.30 | 27.10 | 32.40 | | | | | |
| | | 49 | 7.42 | 11.50 | 14.65 | 20.60 | 25.10 | | | | | | |
| | P | 32 | 12.40 | 14.40 | 16.45 | 18.65 | 20.90 | 23.10 | 25.50 | | | | |
| | | 38 | 12.50 | 14.60 | 16.80 | 19.10 | 21.50 | 23.90 | | | | | |
| | | 43 | 12.50 | 14.70 | 17.00 | 19.40 | 21.90 | 24.40 | | | | | |
| | | 46 | 12.50 | 14.70 | 17.05 | 19.50 | 22.00 | 24.60 | | | | | |
| | | 49 | 12.45 | 14.65 | 17.05 | 19.55 | 22.10 | | | | | | |
| Z12-4MK-35X (4) | Q | 32 | | 19.61 | 25.19 | 31.54 | 38.70 | 46.70 | 55.56 | 65.29 | 75.86 | 87.24 | 92.02 |
| | | 38 | | 17.34 | 22.42 | 28.16 | 34.61 | 41.81 | 49.78 | 58.54 | 68.09 | 78.40 | 82.74 |
| | | 43 | | 13.81 | 20.08 | 25.29 | 31.14 | 37.66 | 44.89 | 52.84 | 61.53 | 70.95 | 74.91 |
| | | 46 | | 12.62 | 18.66 | 23.56 | 29.03 | 35.14 | 41.92 | 49.39 | 57.56 | 66.44 | |
| | | 49 | | | 17.23 | 21.81 | 26.91 | 32.61 | 38.93 | 45.91 | 53.58 | | |
| | P | 32 | | 14.93 | 16.87 | 18.90 | 20.99 | 23.11 | 25.24 | 27.35 | 29.43 | 31.46 | 32.25 |
| | | 38 | | 15.20 | 17.27 | 19.46 | 21.71 | 24.02 | 26.34 | 28.65 | 30.93 | 33.16 | 34.03 |
| | | 43 | | 15.35 | 17.53 | 19.83 | 22.22 | 24.66 | 27.13 | 29.60 | 32.05 | 34.44 | 35.38 |
| | | 46 | | 15.41 | 17.65 | 20.01 | 22.48 | 25.00 | 27.56 | 30.12 | 32.66 | 35.15 | |
| | | 49 | | | 17.73 | 20.16 | 22.70 | 25.30 | 27.94 | 30.59 | 33.22 | | |
| Z9-6MM-30X (4) | Q | 32 | 16.30 | 22.80 | 28.40 | 34.80 | 41.80 | 49.60 | 58.10 | 67.20 | | | |
| | | 38 | 14.25 | 20.40 | 25.40 | 31.10 | 37.40 | 44.40 | 51.90 | | | | |
| | | 43 | 10.95 | 16.35 | 22.90 | 28.00 | 33.70 | 39.90 | 46.80 | | | | |
| | | 46 | 9.87 | 15.05 | 21.40 | 26.20 | 31.50 | 37.30 | 43.70 | | | | |
| | | 49 | 8.77 | 12.30 | 17.40 | 24.30 | 29.20 | | | | | | |
| | P | 32 | 15.05 | 17.50 | 20.00 | 22.60 | 25.30 | 28.20 | 31.20 | 34.30 | | | |
| | | 38 | 15.15 | 17.75 | 20.50 | 23.40 | 26.30 | 29.40 | 32.70 | | | | |
| | | 43 | 15.05 | 17.85 | 20.80 | 23.80 | 27.00 | 30.30 | 33.70 | | | | |
| | | 46 | 14.90 | 17.80 | 20.90 | 24.00 | 27.30 | 30.80 | 34.30 | | | | |
| | | 49 | 14.65 | 17.70 | 20.90 | 24.20 | 27.60 | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

0°C Suction gas return 20K Superheat
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| Z12-6MI-40X (4) | Q | 32 | | 23.07 | 29.63 | 37.04 | 45.31 | 54.49 | 64.56 | 75.50 | 87.28 | 99.85 | 105.09 |
| | | 38 | | 20.44 | 26.45 | 33.17 | 40.64 | 48.89 | 57.96 | 67.81 | 78.44 | 89.80 | 94.54 |
| | | 43 | | 16.28 | 23.77 | 29.90 | 36.69 | 44.18 | 52.40 | 61.33 | 71.01 | 81.36 | |
| | | 46 | | 14.91 | 22.15 | 27.93 | 34.31 | 41.33 | 49.04 | 57.43 | 66.52 | | |
| | | 49 | | | 20.52 | 25.94 | 31.91 | 38.47 | 45.66 | 53.51 | | | |
| | P | 32 | | 17.52 | 19.96 | 22.45 | 24.98 | 27.54 | 30.14 | 32.76 | 35.41 | 38.09 | 39.17 |
| | | 38 | | 17.83 | 20.51 | 23.24 | 26.01 | 28.83 | 31.67 | 34.55 | 37.44 | 40.37 | 41.55 |
| | | 43 | | 18.01 | 20.89 | 23.82 | 26.81 | 29.83 | 32.89 | 35.98 | 39.09 | 42.22 | |
| | | 46 | | 18.10 | 21.09 | 24.15 | 27.25 | 30.41 | 33.59 | 36.81 | 40.05 | | |
| | | 49 | | | 21.27 | 24.45 | 27.68 | 30.96 | 34.28 | 37.62 | | | |
| Z12-6MU-40X (4) | Q | 32 | 22.48 | 29.05 | 36.58 | 45.10 | 54.64 | 65.18 | 76.68 | 89.10 | | | |
| | | 38 | 18.06 | 26.00 | 32.79 | 40.46 | 49.01 | 58.47 | 68.81 | 80.00 | | | |
| | | 43 | 13.92 | 20.95 | 29.60 | 36.55 | 44.29 | 52.86 | 62.25 | | | | |
| | | 46 | 12.57 | 19.33 | 27.66 | 34.18 | 41.45 | 49.49 | 58.30 | | | | |
| | | 49 | 11.23 | 17.69 | 22.61 | 31.81 | 38.60 | 46.10 | | | | | |
| | P | 32 | 19.12 | 22.11 | 25.24 | 28.52 | 31.93 | 35.47 | 39.14 | 42.94 | | | |
| | | 38 | 19.28 | 22.50 | 25.89 | 29.42 | 33.10 | 36.91 | 40.85 | 44.92 | | | |
| | | 43 | 19.24 | 22.64 | 26.24 | 29.99 | 33.90 | 37.94 | 42.11 | | | | |
| | | 46 | 19.12 | 22.64 | 26.36 | 30.25 | 34.29 | 38.47 | 42.79 | | | | |
| | | 49 | 18.93 | 22.57 | 26.41 | 30.44 | 34.62 | 38.94 | | | | | |

Q (kW) = Capacity
 P (kW) = Power input
 Operating conditions: 20°C Suction gas return, 0K Subcooling

 0°C Suction gas return
 20K Superheat
 1. At 3K Subcooling, capacity increases by approximately 5%
 2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| R7-2DD-50X (2) | Q | 32 | | | | | 5.80 | 7.32 | 9.05 | 10.99 | 13.14 | 15.48 | 16.47 |
| | | 38 | | | | | 5.20 | 6.60 | 8.19 | 9.98 | 11.96 | 14.12 | 15.04 |
| | | 43 | | | | | 4.71 | 6.01 | 7.48 | 9.14 | 10.98 | 13.00 | 13.86 |
| | | 46 | | | | | 4.42 | 5.65 | 7.05 | 8.64 | 10.40 | 12.33 | |
| | | 49 | | | | | 4.12 | 5.29 | 6.63 | 8.14 | 9.81 | | |
| | P | 32 | | | | | 3.20 | 3.57 | 3.96 | 4.36 | 4.78 | 5.22 | 5.40 |
| | | 38 | | | | | 3.27 | 3.68 | 4.11 | 4.56 | 5.04 | 5.53 | 5.73 |
| | | 43 | | | | | 3.31 | 3.76 | 4.22 | 4.71 | 5.22 | 5.76 | 5.98 |
| | | 46 | | | | | 3.33 | 3.79 | 4.28 | 4.79 | 5.33 | 5.89 | |
| | | 49 | | | | | 3.34 | 3.82 | 4.33 | 4.86 | 5.42 | | |
| R7-2DL-75X (2) | Q | 32 | | | | | 7.05 | 8.87 | 10.89 | 13.12 | 15.55 | 18.18 | 19.28 |
| | | 38 | | | | | 6.38 | 8.08 | 9.96 | 12.03 | 14.28 | 16.71 | 17.72 |
| | | 43 | | | | | 5.82 | 7.43 | 9.19 | 11.12 | 13.22 | | |
| | | 46 | | | | | | 7.04 | 8.73 | 10.58 | | | |
| | | 49 | | | | | | 6.65 | 8.27 | | | | |
| | P | 32 | | | | | 3.98 | 4.46 | 4.96 | 5.49 | 6.05 | 6.64 | 6.88 |
| | | 38 | | | | | 4.12 | 4.66 | 5.22 | 5.82 | 6.46 | 7.13 | 7.40 |
| | | 43 | | | | | 4.23 | 4.81 | 5.43 | 6.09 | 6.78 | | |
| | | 46 | | | | | | 4.90 | 5.55 | 6.24 | | | |
| | | 49 | | | | | | 4.98 | 5.66 | | | | |
| R7-2DB-50X DC (2) | Q | 32 | 2.91 | 3.99 | 5.26 | 6.76 | 8.49 | 10.43 | 12.57 | 14.90 | 17.39 | | |
| | | 38 | 2.51 | 3.54 | 4.74 | 6.12 | 7.70 | 9.48 | 11.44 | 13.56 | | | |
| | | 43 | 2.16 | 3.16 | 4.31 | 5.61 | 7.06 | 8.71 | 10.52 | 12.48 | | | |
| | | 46 | 1.96 | 2.94 | 4.06 | 5.31 | 6.70 | 8.26 | 9.98 | | | | |
| | | 49 | 1.75 | 2.72 | 3.81 | 5.02 | 6.35 | 7.81 | | | | | |
| | P | 32 | 2.74 | 3.21 | 3.71 | 4.26 | 4.85 | 5.47 | 6.15 | 6.87 | 7.65 | | |
| | | 38 | 2.74 | 3.23 | 3.78 | 4.37 | 5.01 | 5.70 | 6.43 | 7.21 | | | |
| | | 43 | 2.71 | 3.23 | 3.81 | 4.44 | 5.12 | 5.85 | 6.63 | 7.46 | | | |
| | | 46 | 2.67 | 3.21 | 3.81 | 4.46 | 5.17 | 5.93 | 6.74 | | | | |
| | | 49 | 2.63 | 3.19 | 3.80 | 4.48 | 5.21 | 5.99 | | | | | |
| S9-2DB-75X (2) | Q | 32 | | | | | 8.73 | 10.82 | 13.13 | 15.66 | 18.40 | 21.35 | 22.58 |
| | | 38 | | | | | 7.96 | 9.88 | 12.00 | 14.31 | 16.81 | 19.49 | 20.61 |
| | | 43 | | | | | 7.30 | 9.09 | 11.05 | 13.18 | 15.47 | | |
| | | 46 | | | | | | 8.62 | 10.47 | 12.49 | | | |
| | | 49 | | | | | | 8.13 | 9.89 | | | | |
| | P | 32 | | | | | 4.90 | 5.49 | 6.11 | 6.76 | 7.43 | 8.11 | 8.39 |
| | | 38 | | | | | 5.07 | 5.71 | 6.40 | 7.12 | 7.86 | 8.62 | 8.93 |
| | | 43 | | | | | 5.21 | 5.89 | 6.62 | 7.39 | 8.19 | | |
| | | 46 | | | | | | 5.99 | 6.74 | 7.54 | | | |
| | | 49 | | | | | | 6.08 | 6.86 | | | | |
| S9-3DA-75X (2) | Q | 32 | | | | | 9.78 | 12.12 | 14.69 | 17.50 | 20.51 | 23.70 | 25.03 |
| | | 38 | | | | | 8.76 | 10.92 | 13.28 | 15.85 | 18.59 | 21.51 | 22.71 |
| | | 43 | | | | | 7.90 | 9.91 | 12.10 | 14.46 | 16.99 | | |
| | | 46 | | | | | | 9.31 | 11.39 | 13.63 | | | |
| | | 49 | | | | | | 8.70 | 10.67 | | | | |
| | P | 32 | | | | | 5.58 | 6.29 | 7.01 | 7.76 | 8.55 | 9.41 | 9.78 |
| | | 38 | | | | | 5.71 | 6.49 | 7.29 | 8.11 | 8.98 | 9.91 | 10.31 |
| | | 43 | | | | | 5.76 | 6.61 | 7.47 | 8.35 | 9.28 | | |
| | | 46 | | | | | | 6.66 | 7.56 | 8.48 | | | |
| | | 49 | | | | | | 6.69 | 7.63 | | | | |
| R7-3DC-75X DC (2) | Q | 32 | 3.96 | 5.37 | 7.01 | 8.86 | 10.97 | 13.27 | 15.72 | 18.28 | | | |
| | | 38 | 3.43 | 4.79 | 6.34 | 8.07 | 9.96 | 12.06 | 14.29 | 16.62 | | | |
| | | 43 | 2.99 | 4.31 | 5.79 | 7.43 | 9.19 | 11.08 | | | | | |
| | | 46 | 2.73 | 4.03 | 5.47 | 7.05 | 8.75 | 10.54 | | | | | |
| | | 49 | 2.47 | 3.75 | 5.15 | 6.68 | 8.31 | | | | | | |
| | P | 32 | 3.67 | 4.34 | 5.08 | 5.89 | 6.77 | 7.72 | 8.75 | 9.87 | | | |
| | | 38 | 3.67 | 4.38 | 5.16 | 6.02 | 6.97 | 7.99 | 9.10 | 10.30 | | | |
| | | 43 | 3.65 | 4.39 | 5.21 | 6.11 | 7.11 | 8.19 | | | | | |
| | | 46 | 3.63 | 4.39 | 5.23 | 6.16 | 7.18 | 8.30 | | | | | |
| | | 49 | 3.61 | 4.38 | 5.25 | 6.20 | 7.25 | | | | | | |
| V6-3DC-100X (2) | Q | 32 | | | | | 12.56 | 15.65 | 19.10 | 22.91 | 27.05 | 31.53 | 33.40 |
| | | 38 | | | | | 11.36 | 14.24 | 17.42 | 20.91 | 24.71 | 28.79 | 30.51 |
| | | 43 | | | | | 10.33 | 13.03 | 16.00 | 19.23 | 22.73 | 26.50 | 28.08 |
| | | 46 | | | | | 9.71 | 12.30 | 15.13 | 18.20 | 21.53 | | |
| | | 49 | | | | | | 11.56 | 14.25 | 17.17 | | | |
| | P | 32 | | | | | 6.63 | 7.41 | 8.20 | 9.00 | 9.80 | 10.61 | 10.94 |
| | | 38 | | | | | 6.83 | 7.71 | 8.60 | 9.50 | 10.42 | 11.35 | 11.72 |
| | | 43 | | | | | 6.94 | 7.90 | 8.88 | 9.88 | 10.89 | 11.91 | 12.33 |
| | | 46 | | | | | 6.98 | 7.99 | 9.02 | 10.08 | 11.15 | | |
| | | 49 | | | | | | 8.06 | 9.15 | 10.26 | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| S9-3DS-100X DC (2) | Q | 32 | 5.39 | 7.34 | 9.53 | 11.96 | 14.64 | 17.50 | 20.49 | 23.55 | | | |
| | | 38 | 4.74 | 6.59 | 8.65 | 10.89 | 13.28 | 15.87 | 18.56 | | | | |
| | | 43 | 4.17 | 5.95 | 7.90 | 10.00 | 12.21 | 14.50 | | | | | |
| | | 46 | 3.82 | 5.56 | 7.44 | 9.46 | 11.58 | | | | | | |
| | | 49 | 3.47 | 5.16 | 6.98 | 8.91 | | | | | | | |
| | P | 32 | 4.85 | 5.71 | 6.69 | 7.78 | 8.99 | 10.31 | 11.76 | 13.33 | | | |
| | | 38 | 4.92 | 5.81 | 6.83 | 7.99 | 9.27 | 10.67 | 12.21 | | | | |
| | | 43 | 4.94 | 5.86 | 6.92 | 8.12 | 9.45 | 10.93 | | | | | |
| | | 46 | 4.94 | 5.87 | 6.96 | 8.18 | 9.55 | | | | | | |
| | | 49 | 4.93 | 5.88 | 6.98 | 8.23 | | | | | | | |
| W9-3DS-150X (2) | Q | 32 | | | | | 16.24 | 20.00 | 24.15 | 28.68 | 33.56 | 38.76 | 40.92 |
| | | 38 | | | | | 14.76 | 18.23 | 22.04 | 26.18 | 30.62 | 35.34 | 37.31 |
| | | 43 | | | | | 13.48 | 16.73 | 20.25 | 24.06 | 28.14 | | |
| | | 46 | | | | | | 15.81 | 19.16 | 22.77 | | | |
| | | 49 | | | | | | 14.88 | 18.06 | | | | |
| | P | 32 | | | | | 8.82 | 9.92 | 11.06 | 12.24 | 13.46 | 14.72 | 15.24 |
| | | 38 | | | | | 9.09 | 10.33 | 11.60 | 12.91 | 14.27 | 15.67 | 16.25 |
| | | 43 | | | | | 9.26 | 10.60 | 11.99 | 13.43 | 14.90 | | |
| | | 46 | | | | | | 10.75 | 12.20 | 13.71 | | | |
| | | 49 | | | | | | 10.87 | 12.40 | | | | |
| W9-4MF-13X DC (2) | Q | 32 | 6.13 | 8.77 | 11.80 | 15.23 | 19.03 | 23.12 | 27.45 | 31.96 | 36.61 | | |
| | | 38 | 5.18 | 7.68 | 10.52 | 13.65 | 17.11 | 20.85 | 24.78 | 28.86 | | | |
| | | 43 | 4.34 | 6.73 | 9.42 | 12.36 | 15.52 | 18.92 | 22.52 | 26.24 | | | |
| | | 46 | 3.83 | 6.15 | 8.75 | 11.58 | 14.60 | 17.76 | 21.14 | | | | |
| | | 49 | 3.30 | 5.56 | 8.06 | 10.78 | 13.67 | 16.68 | | | | | |
| | P | 32 | 5.76 | 6.84 | 8.03 | 9.32 | 10.71 | 12.20 | 13.78 | 15.47 | 17.26 | | |
| | | 38 | 5.73 | 6.89 | 8.17 | 9.58 | 11.11 | 12.74 | 14.48 | 16.33 | | | |
| | | 43 | 5.67 | 6.90 | 8.26 | 9.76 | 11.40 | 13.16 | 15.03 | 17.03 | | | |
| | | 46 | 5.63 | 6.89 | 8.31 | 9.86 | 11.56 | 13.40 | 15.36 | | | | |
| | | 49 | 5.57 | 6.88 | 8.34 | 9.95 | 11.71 | 13.62 | | | | | |
| Z9-4MA-22X (4) | Q | 32 | | | | | 20.85 | 26.09 | 32.03 | 38.72 | 46.20 | 54.45 | 57.97 |
| | | 38 | | | | | 18.95 | 23.81 | 29.30 | 35.47 | 42.36 | 49.96 | 53.21 |
| | | 43 | | | | | 17.35 | 21.89 | 27.01 | 32.74 | 39.13 | 46.20 | 49.21 |
| | | 46 | | | | | 16.38 | 20.74 | 25.62 | 31.09 | 37.18 | 43.92 | |
| | | 49 | | | | | 15.42 | 19.58 | 24.23 | 29.44 | 35.23 | | |
| | P | 32 | | | | | 10.97 | 12.13 | 13.31 | 14.52 | 15.75 | 17.00 | 17.51 |
| | | 38 | | | | | 11.34 | 12.64 | 13.99 | 15.38 | 16.80 | 18.26 | 18.85 |
| | | 43 | | | | | 11.61 | 13.03 | 14.52 | 16.06 | 17.64 | 19.26 | 19.92 |
| | | 46 | | | | | 11.75 | 13.25 | 14.82 | 16.44 | 18.12 | 19.85 | |
| | | 49 | | | | | 11.88 | 13.45 | 15.10 | 16.82 | 18.59 | | |
| W9-4ML-15X DC (2) | Q | 32 | 7.65 | 10.77 | 14.25 | 18.13 | 22.41 | 27.01 | 31.89 | 37.00 | | | |
| | | 38 | 6.48 | 9.46 | 12.75 | 16.31 | 20.23 | 24.46 | 28.93 | 33.60 | | | |
| | | 43 | 5.44 | 8.32 | 11.45 | 14.82 | 18.40 | 22.29 | 26.42 | | | | |
| | | 46 | 4.80 | 7.60 | 10.64 | 13.91 | 17.36 | 20.97 | | | | | |
| | | 49 | 4.13 | 6.87 | 9.83 | 12.98 | 16.31 | | | | | | |
| | P | 32 | 6.92 | 8.19 | 9.60 | 11.13 | 12.79 | 14.59 | 16.54 | 18.65 | | | |
| | | 38 | 6.93 | 8.29 | 9.79 | 11.45 | 13.24 | 15.18 | 17.29 | 19.56 | | | |
| | | 43 | 6.90 | 8.32 | 9.91 | 11.65 | 13.57 | 15.64 | 17.87 | | | | |
| | | 46 | 6.86 | 8.33 | 9.96 | 11.76 | 13.73 | 15.89 | | | | | |
| | | 49 | 6.80 | 8.31 | 10.00 | 11.85 | 13.88 | | | | | | |
| Z9-4MH-25X (4) | Q | 32 | | | | | 24.37 | 30.09 | 36.58 | 43.87 | 51.98 | 60.88 | 64.65 |
| | | 38 | | | | | 22.29 | 27.55 | 33.49 | 40.15 | 47.55 | 55.69 | 59.15 |
| | | 43 | | | | | 20.56 | 25.42 | 30.89 | 37.02 | 43.82 | 51.32 | |
| | | 46 | | | | | 19.51 | 24.13 | 29.32 | 35.12 | 41.57 | | |
| | | 49 | | | | | 18.47 | 22.85 | 27.75 | 33.22 | 39.31 | | |
| | P | 32 | | | | | 12.89 | 14.27 | 15.66 | 17.07 | 18.50 | 19.98 | 20.58 |
| | | 38 | | | | | 13.37 | 14.95 | 16.53 | 18.15 | 19.79 | 21.47 | 22.15 |
| | | 43 | | | | | 13.70 | 15.44 | 17.20 | 18.99 | 20.81 | 22.67 | |
| | | 46 | | | | | 13.86 | 15.71 | 17.58 | 19.48 | 21.41 | | |
| | | 49 | | | | | 13.99 | 15.95 | 17.93 | 19.94 | 21.99 | | |
| W9-4MM-20X DC (2) | Q | 32 | 8.39 | 11.47 | 15.02 | 19.06 | 23.74 | 28.94 | 34.63 | 40.77 | | | |
| | | 38 | 7.05 | 9.98 | 13.33 | 17.11 | 21.32 | 26.15 | 31.43 | | | | |
| | | 43 | 5.90 | 8.69 | 11.87 | 15.45 | 19.41 | 23.76 | | | | | |
| | | 46 | 5.19 | 7.90 | 10.98 | 14.44 | 18.26 | 22.40 | | | | | |
| | | 49 | 4.47 | 7.10 | 10.07 | 13.41 | 17.10 | | | | | | |
| | P | 32 | 7.62 | 9.05 | 10.62 | 12.35 | 14.21 | 16.25 | 18.50 | 20.98 | | | |
| | | 38 | 7.62 | 9.15 | 10.83 | 12.68 | 14.70 | 16.89 | 19.29 | | | | |
| | | 43 | 7.56 | 9.19 | 10.96 | 12.90 | 15.03 | 17.37 | | | | | |
| | | 46 | 7.51 | 9.18 | 11.01 | 13.01 | 15.20 | 17.61 | | | | | |
| | | 49 | 7.43 | 9.16 | 11.04 | 13.10 | 15.36 | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| Z9-4MI-30X (4) | Q | 32 | | | | | 26.64 | 32.95 | 40.03 | 47.91 | 56.59 | 66.05 | 70.05 |
| | | 38 | | | | | 24.30 | 30.13 | 36.64 | 43.86 | 51.80 | 60.46 | 64.12 |
| | | 43 | | | | | 22.34 | 27.76 | 33.78 | 40.44 | 47.77 | 55.76 | |
| | | 46 | | | | | 21.15 | 26.33 | 32.05 | 38.38 | 45.33 | | |
| | | 49 | | | | | 19.96 | 24.89 | 30.32 | 36.30 | | | |
| | P | 32 | | | | | 14.16 | 15.73 | 17.33 | 18.99 | 20.72 | 22.55 | 23.31 |
| | | 38 | | | | | 14.72 | 16.50 | 18.31 | 20.18 | 22.13 | 24.16 | 25.00 |
| | | 43 | | | | | 15.09 | 17.06 | 19.06 | 21.12 | 23.24 | 25.45 | |
| | | 46 | | | | | 15.26 | 17.35 | 19.47 | 21.65 | 23.88 | | |
| | | 49 | | | | | 15.40 | 17.61 | 19.85 | 22.15 | | | |
| W9-4MT-22X DC (2) | Q | 32 | 9.29 | 12.85 | 16.75 | 20.96 | 25.52 | 30.40 | 35.47 | 40.67 | | | |
| | | 38 | 7.96 | 11.41 | 15.12 | 19.07 | 23.20 | 27.52 | 32.09 | | | | |
| | | 43 | 6.75 | 10.12 | 13.68 | 17.42 | 21.30 | 25.26 | | | | | |
| | | 46 | 5.97 | 9.30 | 12.78 | 16.40 | 20.13 | | | | | | |
| | | 49 | 5.16 | 8.45 | 11.84 | 15.35 | | | | | | | |
| | P | 32 | 8.56 | 10.24 | 12.11 | 14.17 | 16.40 | 18.83 | 21.46 | 24.31 | | | |
| | | 38 | 8.57 | 10.35 | 12.33 | 14.51 | 16.91 | 19.51 | 22.30 | | | | |
| | | 43 | 8.49 | 10.37 | 12.44 | 14.73 | 17.23 | 19.95 | | | | | |
| | | 46 | 8.41 | 10.34 | 12.47 | 14.82 | 17.39 | | | | | | |
| | | 49 | 8.31 | 10.28 | 12.48 | 14.89 | | | | | | | |
| Z9-4MJ-33X (4) | Q | 32 | | | | | 29.27 | 36.06 | 43.65 | 52.04 | 61.23 | 71.19 | 75.38 |
| | | 38 | | | | | 26.73 | 32.95 | 39.88 | 47.53 | 55.91 | 65.00 | 68.82 |
| | | 43 | | | | | 24.63 | 30.37 | 36.74 | 43.76 | 51.45 | | |
| | | 46 | | | | | 23.39 | 28.83 | 34.86 | 41.49 | 48.77 | | |
| | | 49 | | | | | 22.16 | 27.30 | 32.98 | 39.23 | | | |
| | P | 32 | | | | | 15.84 | 17.67 | 19.57 | 21.54 | 23.61 | 25.80 | 26.72 |
| | | 38 | | | | | 16.43 | 18.50 | 20.62 | 22.81 | 25.10 | 27.50 | 28.50 |
| | | 43 | | | | | 16.81 | 19.08 | 21.40 | 23.79 | 26.27 | | |
| | | 46 | | | | | 16.97 | 19.38 | 21.83 | 24.34 | 26.94 | | |
| | | 49 | | | | | 17.09 | 19.63 | 22.21 | 24.85 | | | |
| Z9-4MU-25X DC (4) | Q | 32 | 10.71 | 15.17 | 20.31 | 26.18 | 32.73 | 39.87 | 47.54 | 55.65 | 64.12 | | |
| | | 38 | 9.23 | 13.46 | 18.29 | 23.68 | 29.71 | 36.28 | 43.29 | 50.68 | | | |
| | | 43 | 7.89 | 11.93 | 16.50 | 21.56 | 27.06 | 33.13 | 39.60 | 46.39 | | | |
| | | 46 | 7.04 | 10.96 | 15.37 | 20.24 | 25.50 | 31.18 | 37.32 | 43.76 | | | |
| | | 49 | 6.16 | 9.96 | 14.21 | 18.88 | 23.91 | 29.24 | 35.00 | | | | |
| | P | 32 | 10.30 | 12.06 | 13.94 | 15.95 | 18.10 | 20.40 | 22.88 | 25.56 | 28.47 | | |
| | | 38 | 10.37 | 12.25 | 14.28 | 16.47 | 18.81 | 21.33 | 24.04 | 26.96 | | | |
| | | 43 | 10.35 | 12.34 | 14.49 | 16.81 | 19.33 | 22.02 | 24.92 | 28.05 | | | |
| | | 46 | 10.31 | 12.35 | 14.57 | 16.98 | 19.59 | 22.40 | 25.42 | 28.66 | | | |
| | | 49 | 10.23 | 12.34 | 14.63 | 17.12 | 19.82 | 22.75 | 25.88 | | | | |
| Z12-4MK-35X (4) | Q | 32 | | | | | 33.46 | 41.26 | 50.01 | 59.74 | 70.43 | 82.07 | 86.98 |
| | | 38 | | | | | 30.59 | 37.78 | 45.80 | 54.68 | 64.43 | 75.05 | 79.53 |
| | | 43 | | | | | 28.20 | 34.86 | 42.26 | 50.42 | 59.38 | 69.14 | |
| | | 46 | | | | | 26.75 | 33.10 | 40.11 | 47.84 | 56.33 | | |
| | | 49 | | | | | 25.31 | 31.33 | 37.96 | 45.26 | | | |
| | P | 32 | | | | | 18.69 | 20.72 | 22.82 | 25.01 | 27.32 | 29.77 | 30.80 |
| | | 38 | | | | | 19.43 | 21.72 | 24.08 | 26.52 | 29.07 | 31.76 | 32.87 |
| | | 43 | | | | | 19.94 | 22.45 | 25.03 | 27.69 | 30.46 | 33.35 | |
| | | 46 | | | | | 20.17 | 22.83 | 25.55 | 28.36 | 31.25 | | |
| | | 49 | | | | | 20.36 | 23.17 | 26.04 | 28.98 | | | |
| Z9-6MM-30X DC (4) | Q | 32 | 12.71 | 18.14 | 24.29 | 31.20 | 38.78 | 46.91 | 55.48 | 64.41 | 73.58 | | |
| | | 38 | 10.90 | 16.05 | 21.83 | 28.16 | 35.13 | 42.60 | 50.46 | 58.59 | | | |
| | | 43 | 9.30 | 14.20 | 19.66 | 25.61 | 31.96 | 38.84 | 46.09 | 53.58 | | | |
| | | 46 | 8.31 | 13.04 | 18.31 | 24.03 | 30.12 | 36.52 | 43.40 | | | | |
| | | 49 | 7.29 | 11.86 | 16.93 | 22.42 | 28.24 | 34.31 | | | | | |
| | P | 32 | 12.06 | 14.19 | 16.52 | 19.02 | 21.69 | 24.56 | 27.62 | 30.90 | 34.40 | | |
| | | 38 | 12.13 | 14.43 | 16.94 | 19.66 | 22.57 | 25.68 | 29.00 | 32.54 | | | |
| | | 43 | 12.09 | 14.54 | 17.20 | 20.08 | 23.20 | 26.52 | 30.06 | 33.82 | | | |
| | | 46 | 12.02 | 14.56 | 17.31 | 20.30 | 23.52 | 26.99 | 30.65 | | | | |
| | | 49 | 11.91 | 14.54 | 17.39 | 20.48 | 23.81 | 27.39 | | | | | |
| Z12-6MI-40X (4) | Q | 32 | | | | | 39.82 | 48.98 | 59.13 | 70.24 | 82.30 | 95.22 | 100.61 |
| | | 38 | | | | | 36.54 | 44.95 | 54.20 | 64.29 | 75.21 | 86.91 | |
| | | 43 | | | | | 33.81 | 41.58 | 50.06 | 59.29 | 69.26 | | |
| | | 46 | | | | | 32.17 | 39.55 | 47.57 | 56.28 | | | |
| | | 49 | | | | | 30.55 | 37.53 | 45.08 | | | | |
| | P | 32 | | | | | 22.08 | 24.63 | 27.33 | 30.16 | 33.15 | 36.32 | 37.64 |
| | | 38 | | | | | 22.99 | 25.81 | 28.78 | 31.89 | 35.16 | 38.61 | |
| | | 43 | | | | | 23.72 | 26.76 | 29.95 | 33.30 | 36.81 | | |
| | | 46 | | | | | 24.13 | 27.31 | 30.64 | 34.13 | | | |
| | | 49 | | | | | 24.54 | 27.84 | 31.31 | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|---|---|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 7 |
| Z12-6MU-40X DC (4) | Q | 32 | 16.19 | 22.17 | 29.16 | 37.24 | 46.67 | 57.34 | 69.23 | 82.34 | 96.58 | | |
| | | 38 | 13.76 | 19.45 | 26.05 | 33.64 | 42.28 | 52.24 | 63.36 | 75.59 | | | |
| | | 43 | 11.64 | 17.08 | 23.37 | 30.55 | 38.67 | 47.87 | 58.33 | 69.86 | | | |
| | | 46 | 10.34 | 15.63 | 21.71 | 28.66 | 36.50 | 45.20 | 55.27 | | | | |
| | | 49 | 9.02 | 14.15 | 20.03 | 26.74 | 34.31 | 42.70 | | | | | |
| | P | 32 | 15.83 | 18.46 | 21.36 | 24.55 | 27.98 | 31.71 | 35.77 | 40.20 | 45.04 | | |
| | | 38 | 15.89 | 18.72 | 21.85 | 25.27 | 29.01 | 33.03 | 37.39 | 42.12 | | | |
| | | 43 | 15.73 | 18.74 | 22.05 | 25.67 | 29.62 | 33.91 | 38.52 | 43.50 | | | |
| | | 46 | 15.54 | 18.66 | 22.09 | 25.82 | 29.90 | 34.34 | 39.10 | | | | |
| | | 49 | 15.28 | 18.50 | 22.05 | 25.90 | 30.10 | 34.66 | | | | | |

Q (kW) = Capacity
P (kW) = Power input

Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|
| | | | -20 | -15 | -10 | -5 | 0 | 5 | 7 | 10 |
| R7-2DD-50X (2) | Q | 32 | 5.10 | 6.60 | 8.36 | 10.35 | 12.55 | 15.00 | 16.00 | 17.60 |
| | | 38 | 4.17 | 5.88 | 7.51 | 9.35 | 11.40 | 13.65 | 14.60 | 16.10 |
| | | 43 | 3.64 | 5.29 | 6.81 | 8.54 | 10.45 | 12.55 | 13.45 | |
| | | 46 | | 4.64 | 6.40 | 8.05 | 9.90 | | | |
| | | 49 | | 4.28 | 5.99 | 7.58 | | | | |
| | P | 32 | 2.93 | 3.27 | 3.64 | 4.02 | 4.43 | 4.86 | 5.03 | 5.31 |
| | | 38 | 2.99 | 3.37 | 3.77 | 4.21 | 4.67 | 5.15 | 5.35 | 5.66 |
| | | 43 | 3.02 | 3.42 | 3.87 | 4.34 | 4.84 | 5.37 | 5.59 | |
| | | 46 | | 3.45 | 3.91 | 4.41 | 4.94 | | | |
| | | 49 | | 3.47 | 3.95 | 4.47 | | | | |
| R7-2DL-75X (2) | Q | 32 | 6.26 | 8.04 | 10.10 | 12.40 | 14.90 | 17.65 | 18.80 | 20.60 |
| | | 38 | 5.25 | 7.27 | 9.17 | 11.30 | 13.65 | 16.20 | 17.30 | |
| | | 43 | 4.72 | 6.33 | 8.44 | 10.45 | 12.65 | | | |
| | | 46 | | 5.96 | 8.02 | 9.94 | | | | |
| | | 49 | | 5.61 | 7.60 | | | | | |
| | P | 32 | 3.53 | 4.00 | 4.50 | 5.05 | 5.63 | 6.24 | 6.50 | 6.90 |
| | | 38 | 3.65 | 4.16 | 4.70 | 5.30 | 5.93 | 6.60 | 6.89 | |
| | | 43 | 3.75 | 4.27 | 4.86 | 5.49 | 6.17 | | | |
| | | 46 | | 4.35 | 4.96 | 5.61 | | | | |
| | | 49 | | 4.42 | 5.05 | | | | | |
| S9-2DB-75X (2) | Q | 32 | 8.22 | 10.20 | 12.50 | 15.10 | 17.95 | 21.00 | 22.30 | 24.30 |
| | | 38 | 7.12 | 9.31 | 11.40 | 13.80 | 16.40 | 19.25 | 20.40 | |
| | | 43 | | 6.33 | 10.55 | 12.75 | 15.20 | | | |
| | | 46 | | 5.96 | 10.00 | 12.10 | | | | |
| | | 49 | | 5.61 | 9.20 | | | | | |
| | P | 32 | 4.42 | 4.92 | 5.47 | 6.06 | 6.70 | 7.38 | 7.66 | 8.10 |
| | | 38 | 4.62 | 5.17 | 5.76 | 6.41 | 7.10 | 7.84 | 8.15 | |
| | | 43 | | 5.36 | 5.99 | 6.67 | 7.41 | | | |
| | | 46 | | 5.47 | 6.12 | 6.83 | | | | |
| | | 49 | | 5.58 | 6.24 | | | | | |
| S9-3DA-75X (2) | Q | 32 | 8.94 | 11.20 | 13.85 | 16.75 | 19.95 | 23.30 | 24.70 | 26.90 |
| | | 38 | 7.66 | 10.20 | 12.60 | 15.30 | 18.25 | 21.30 | | |
| | | 43 | | 8.97 | 11.65 | 14.15 | | | | |
| | | 46 | | 8.49 | 11.05 | | | | | |
| | | 49 | | 8.02 | | | | | | |
| | P | 32 | 5.05 | 5.63 | 6.27 | 6.98 | 7.75 | 8.59 | 8.94 | 9.50 |
| | | 38 | 5.21 | 5.84 | 6.54 | 7.31 | 8.16 | 9.08 | | |
| | | 43 | | 6.01 | 6.76 | 7.59 | | | | |
| | | 46 | | 6.12 | 6.89 | | | | | |
| | | 49 | | 6.22 | | | | | | |
| V6-3DC-100X (2) | Q | 32 | 11.35 | 14.25 | 17.60 | 21.40 | 25.60 | 30.20 | 32.10 | 35.10 |
| | | 38 | 9.84 | 12.95 | 16.05 | 19.55 | 23.40 | 27.60 | 29.40 | 32.20 |
| | | 43 | 8.98 | 11.95 | 14.80 | 18.00 | 21.60 | 25.50 | 27.20 | |
| | | 46 | | 10.85 | 14.05 | 17.15 | 20.60 | | | |
| | | 49 | | 10.25 | 13.35 | | | | | |
| | P | 32 | 6.10 | 6.74 | 7.43 | 8.16 | 8.93 | 9.74 | 10.05 | 10.55 |
| | | 38 | 6.37 | 7.07 | 7.82 | 8.63 | 9.49 | 10.40 | 10.75 | 11.35 |
| | | 43 | 6.60 | 7.33 | 8.14 | 9.01 | 9.94 | 10.90 | 11.35 | |
| | | 46 | | 7.48 | 8.32 | 9.23 | 10.20 | | | |
| | | 49 | | 7.64 | 8.51 | | | | | |
| W9-3DS-150X (2) | Q | 32 | 15.40 | 18.85 | 22.90 | 27.40 | 32.30 | 37.70 | 39.90 | 43.30 |
| | | 38 | 13.60 | 17.35 | 21.00 | 25.10 | 29.70 | 34.50 | 36.60 | |
| | | 43 | | 15.50 | 19.50 | 23.30 | 27.50 | | | |
| | | 46 | | 14.75 | 18.60 | | | | | |
| | | 49 | | 14.00 | | | | | | |
| | P | 32 | 8.32 | 9.18 | 10.15 | 11.20 | 12.30 | 13.55 | 14.05 | 14.85 |
| | | 38 | 8.74 | 9.67 | 10.70 | 11.85 | 13.05 | 14.40 | 14.95 | |
| | | 43 | | 10.05 | 11.15 | 12.35 | 13.70 | | | |
| | | 46 | | 10.30 | 11.40 | | | | | |
| | | 49 | | 10.50 | | | | | | |
| Z9-4MA-22X (4) | Q | 32 | 19.95 | 24.90 | 30.40 | 36.70 | 43.70 | 51.50 | 54.80 | 60.00 |
| | | 38 | 18.20 | 22.80 | 28.00 | 33.80 | 40.30 | 47.50 | 50.50 | 55.40 |
| | | 43 | 16.65 | 21.00 | 25.90 | 31.30 | 37.40 | 44.10 | 46.90 | 51.40 |
| | | 46 | 15.75 | 19.95 | 24.60 | 29.80 | 35.60 | 42.00 | 44.70 | 49.00 |
| | | 49 | 14.80 | 18.85 | 23.30 | 28.30 | 33.80 | | | |
| | P | 32 | 10.65 | 11.80 | 12.85 | 13.90 | 14.95 | 15.95 | 16.30 | 16.90 |
| | | 38 | 11.05 | 12.35 | 13.60 | 14.85 | 16.05 | 17.25 | 17.70 | 18.40 |
| | | 43 | 11.25 | 12.70 | 14.15 | 15.55 | 16.90 | 18.25 | 18.75 | 19.55 |
| | | 46 | 11.35 | 12.90 | 14.45 | 15.95 | 17.40 | 18.80 | 19.40 | 20.20 |
| | | 49 | 11.40 | 13.05 | 14.65 | 16.25 | 17.85 | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

20K Superheat
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|--------|
| | | | -20 | -15 | -10 | -5 | 0 | 5 | 7 | 10 |
| Z9-4MH-25X (4) | Q | 32 | 22.70 | 28.40 | 34.80 | 42.00 | 49.90 | 58.70 | 62.50 | 68.30 |
| | | 38 | 20.70 | 26.00 | 31.90 | 38.60 | 46.00 | 54.10 | 57.60 | 63.00 |
| | | 43 | 18.95 | 24.00 | 29.50 | 35.70 | 42.60 | 50.20 | 53.40 | 58.40 |
| | | 46 | 17.90 | 22.70 | 28.10 | 34.00 | 40.60 | | | |
| | | 49 | 16.80 | 21.50 | 26.60 | 32.30 | | | | |
| | P | 32 | 12.15 | 13.45 | 14.80 | 16.10 | 17.45 | 18.80 | 19.35 | 20.20 |
| | | 38 | 12.55 | 14.05 | 15.60 | 17.15 | 18.70 | 20.30 | 20.90 | 21.80 |
| | | 43 | 12.80 | 14.50 | 16.20 | 17.90 | 19.65 | 21.40 | 22.10 | 23.20 |
| | | 46 | 12.90 | 14.70 | 16.50 | 18.35 | 20.20 | | | |
| | | 49 | 12.95 | 14.85 | 16.80 | 18.80 | | | | |
| Z9-4MI-30X (4) | Q | 32 | 25.30 | 31.40 | 38.30 | 46.00 | 54.60 | 64.00 | 68.00 | 74.20 |
| | | 38 | 23.20 | 28.90 | 35.20 | 42.30 | 50.20 | 58.80 | 62.50 | 68.20 |
| | | 43 | 21.40 | 26.70 | 32.60 | 39.20 | 46.50 | 54.50 | 57.90 | |
| | | 46 | 20.30 | 25.40 | 31.00 | 37.30 | 44.20 | | | |
| | | 49 | | 24.00 | 29.40 | | | | | |
| | P | 32 | 13.35 | 14.85 | 16.40 | 17.95 | 19.55 | 21.10 | 21.80 | 22.80 |
| | | 38 | 13.90 | 15.60 | 17.35 | 19.10 | 20.90 | 22.60 | 23.40 | 24.50 |
| | | 43 | 14.25 | 16.10 | 18.00 | 19.90 | 21.90 | 23.80 | 24.60 | |
| | | 46 | 14.40 | 16.35 | 18.35 | 20.40 | 22.40 | | | |
| | | 49 | | 16.55 | 18.65 | | | | | |
| Z9-4MJ-33X (4) | Q | 32 | 27.80 | 34.50 | 42.00 | 50.40 | 59.60 | 69.60 | 73.80 | 80.30 |
| | | 38 | 25.40 | 31.60 | 38.50 | 46.20 | 54.60 | 63.80 | 67.70 | 73.70 |
| | | 43 | 23.40 | 29.20 | 35.60 | 42.70 | 50.50 | | | |
| | | 46 | 22.20 | 27.70 | 33.80 | 40.60 | | | | |
| | | 49 | | 26.20 | 32.00 | | | | | |
| | P | 32 | 14.80 | 16.55 | 18.35 | 20.20 | 22.20 | 24.30 | 25.20 | 26.50 |
| | | 38 | 15.40 | 17.40 | 19.40 | 21.50 | 23.70 | 26.00 | 27.00 | 28.40 |
| | | 43 | 15.75 | 17.95 | 20.20 | 22.50 | 24.90 | | | |
| | | 46 | 15.90 | 18.25 | 20.60 | 23.10 | | | | |
| | | 49 | | 18.45 | 21.00 | | | | | |
| Z12-4MK-35X (4) | Q | 32 | 32.86 | 40.78 | 49.70 | 59.66 | 70.64 | 82.64 | 87.71 | 95.60 |
| | | 38 | 30.18 | 37.52 | 45.74 | 54.88 | 64.95 | 75.94 | 80.59 | 87.83 |
| | | 43 | 27.93 | 34.78 | 42.40 | 50.84 | 60.14 | 70.28 | | |
| | | 46 | 26.58 | 33.12 | 40.38 | 48.40 | 57.22 | | | |
| | | 49 | | 31.46 | 38.35 | | | | | |
| | P | 32 | 17.55 | 19.50 | 21.50 | 23.57 | 25.73 | 27.99 | 28.93 | 30.37 |
| | | 38 | 18.22 | 20.42 | 22.67 | 24.98 | 27.36 | 29.84 | 30.86 | 32.43 |
| | | 43 | 18.65 | 21.08 | 23.54 | 26.05 | 28.64 | 31.31 | | |
| | | 46 | 18.85 | 21.41 | 24.01 | 26.65 | 29.36 | | | |
| | | 49 | | 21.70 | 24.43 | | | | | |
| Z12-6MI-40X (4) | Q | 32 | 37.48 | 46.33 | 56.12 | 66.87 | 78.55 | 91.12 | 96.38 | 104.50 |
| | | 38 | 34.26 | 42.50 | 51.53 | 61.38 | 72.04 | 83.49 | 88.28 | 95.67 |
| | | 43 | 31.51 | 39.22 | 47.61 | 56.70 | 66.51 | | | |
| | | 46 | 29.83 | 37.23 | 45.22 | 53.85 | | | | |
| | | 49 | | 35.21 | | | | | | |
| | P | 32 | 20.62 | 23.04 | 25.56 | 28.19 | 30.94 | 33.85 | 35.07 | 36.94 |
| | | 38 | 21.35 | 24.10 | 26.92 | 29.85 | 32.89 | 36.08 | 37.39 | 39.42 |
| | | 43 | 21.80 | 24.83 | 27.94 | 31.13 | 34.44 | | | |
| | | 46 | 21.99 | 25.20 | 28.49 | 31.85 | | | | |
| | | 49 | | 25.51 | | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|
| | | | -50 | -45 | -40 | -35 | -30 | -25 | -20 |
| Z9-6TA-150X SUB (4) | Q | 32 | 7.54 | 9.48 | 11.84 | 14.69 | 18.07 | 22.07 | 26.74 |
| | | 38 | 7.32 | 9.24 | 11.56 | 14.36 | 17.68 | 21.61 | 26.19 |
| | | 43 | | 8.98 | 11.27 | 14.02 | 17.29 | 21.14 | 25.65 |
| | | 46 | | 8.79 | 11.06 | 13.78 | 17.02 | 20.83 | 25.28 |
| | | 49 | | 8.58 | 10.82 | 13.51 | | | |
| | P | 32 | 8.49 | 9.30 | 10.19 | 11.18 | 12.26 | 13.44 | 14.71 |
| | | 38 | 8.92 | 9.80 | 10.79 | 11.89 | 13.09 | 14.41 | 15.84 |
| | | 43 | | 10.21 | 11.29 | 12.48 | 13.80 | 15.24 | 16.81 |
| | | 46 | | 10.45 | 11.58 | 12.84 | 14.22 | 15.74 | 17.40 |
| | | 49 | | 10.68 | 11.87 | 13.19 | | | |
| Z9-6TH-200X SUB (4) | Q | 32 | 9.43 | 11.87 | 14.83 | 18.38 | 22.61 | 27.58 | 33.37 |
| | | 38 | 9.16 | 11.57 | 14.47 | 17.95 | 22.08 | 26.95 | 32.61 |
| | | 43 | | 11.25 | 14.10 | 17.51 | 21.57 | 26.33 | 31.87 |
| | | 46 | | 11.03 | 13.84 | 17.22 | 21.22 | | |
| | | 49 | | 10.78 | 13.56 | | | | |
| | P | 32 | 10.33 | 11.37 | 12.55 | 13.87 | 15.34 | 16.98 | 18.82 |
| | | 38 | 10.82 | 11.97 | 13.29 | 14.78 | 16.45 | 18.32 | 20.42 |
| | | 43 | | 12.47 | 13.91 | 15.55 | 17.39 | 19.46 | 21.79 |
| | | 46 | | 12.75 | 14.28 | 16.01 | 17.97 | | |
| | | 49 | | 13.03 | 14.65 | | | | |
| Z12-6TJ-250X SUB (4) | Q | 32 | 10.07 | 12.98 | 16.50 | 20.75 | 25.82 | 31.80 | 38.79 |
| | | 38 | 9.68 | 12.56 | 16.04 | 20.23 | 25.22 | 31.11 | 37.98 |
| | | 43 | | 12.14 | 15.58 | 19.71 | 24.63 | 30.43 | 37.21 |
| | | 46 | | 11.85 | 15.26 | 19.36 | 24.23 | 29.98 | 36.69 |
| | | 49 | | 11.53 | 14.91 | 18.97 | | | |
| | P | 32 | 11.79 | 13.11 | 14.57 | 16.19 | 17.97 | 19.91 | 22.03 |
| | | 38 | 12.30 | 13.74 | 15.36 | 17.15 | 19.12 | 21.28 | 23.64 |
| | | 43 | | 14.25 | 16.00 | 17.94 | 20.09 | 22.44 | 25.02 |
| | | 46 | | 14.54 | 16.38 | 18.42 | 20.67 | 23.14 | 25.86 |
| | | 49 | | 14.83 | 16.75 | 18.89 | | | |
| Z12-6TJW-250E SUB (4) | Q | 32 | 10.12 | 13.62 | 17.51 | 21.86 | 26.75 | 32.26 | 38.47 |
| | | 38 | 9.79 | 13.36 | 17.28 | 21.62 | 26.46 | 31.89 | 37.97 |
| | | 43 | | 13.22 | 17.15 | 21.47 | 26.27 | 31.61 | 37.58 |
| | | 46 | | 13.17 | 17.10 | 21.41 | 26.17 | 31.47 | 37.36 |
| | | 49 | | 13.15 | 17.08 | 21.37 | | | |
| | P | 32 | 11.43 | 12.97 | 14.57 | 16.22 | 17.92 | 19.67 | 21.48 |
| | | 38 | 11.92 | 13.60 | 15.35 | 17.15 | 19.00 | 20.92 | 22.90 |
| | | 43 | | 14.08 | 15.95 | 17.89 | 19.88 | 21.94 | 24.07 |
| | | 46 | | 14.34 | 16.29 | 18.31 | 20.39 | 22.54 | 24.76 |
| | | 49 | | 14.58 | 16.62 | 18.72 | | | |
| Z12-6TKW-300E SUB (4) | Q | 32 | 12.51 | 16.86 | 21.67 | 27.05 | 33.09 | 39.88 | 47.50 |
| | | 38 | 12.12 | 16.55 | 21.40 | 26.77 | 32.75 | 39.43 | 46.89 |
| | | 43 | | 16.39 | 21.26 | 26.61 | 32.53 | 39.11 | 46.42 |
| | | 46 | | 16.34 | 21.21 | 26.54 | 32.42 | | |
| | | 49 | | 16.32 | 21.20 | | | | |
| | P | 32 | 13.86 | 15.85 | 17.93 | 20.08 | 22.33 | 24.66 | 27.11 |
| | | 38 | 14.47 | 16.64 | 18.90 | 21.25 | 23.70 | 26.24 | 28.90 |
| | | 43 | | 17.24 | 19.66 | 22.18 | 24.80 | 27.52 | 30.37 |
| | | 46 | | 17.56 | 20.08 | 22.71 | 25.43 | | |
| | | 49 | | 17.86 | 20.48 | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

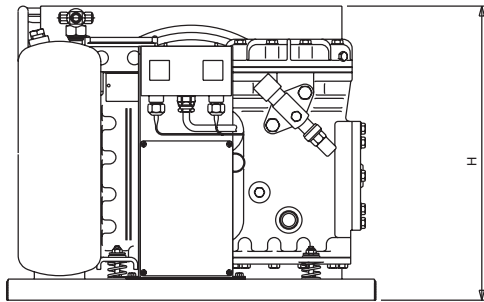
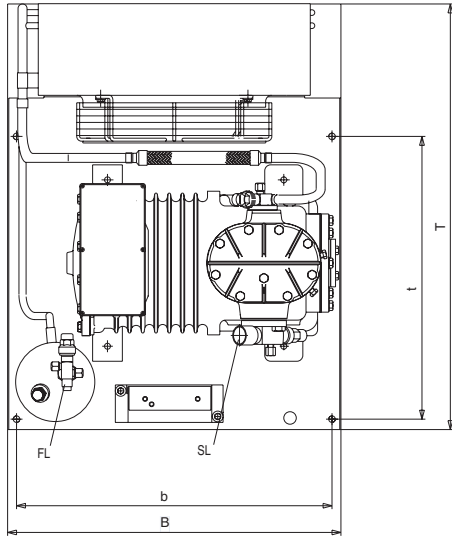
| Condensing unit (Number of fans) | | Ambient (°C) | Evaporating temperature °C | | | | | | | | |
|-------------------------------------|---|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | -60 | -55 | -50 | -45 | -40 | -35 | -30 | -25 | -20 |
| Z9-6TA-150X SUB (4) | Q | 32 | 4.73 | 6.55 | 8.66 | 11.09 | 13.87 | 17.00 | 20.49 | 24.36 | 28.60 |
| | | 38 | 4.66 | 6.41 | 8.44 | 10.77 | 13.42 | 16.41 | 19.74 | 23.42 | 27.45 |
| | | 43 | 4.59 | 6.28 | 8.23 | 10.46 | 13.00 | 15.85 | 19.03 | 22.54 | |
| | | 46 | 4.55 | 6.19 | 8.08 | 10.25 | 12.71 | 15.48 | 18.57 | 21.97 | |
| | | 49 | 4.50 | 6.09 | 7.93 | 10.03 | 12.41 | 15.09 | | | |
| | P | 32 | 7.82 | 8.75 | 9.71 | 10.71 | 11.75 | 12.82 | 13.93 | 15.09 | 16.32 |
| | | 38 | 8.21 | 9.19 | 10.23 | 11.31 | 12.44 | 13.61 | 14.84 | 16.13 | 17.50 |
| | | 43 | 8.58 | 9.60 | 10.70 | 11.85 | 13.05 | 14.31 | 15.63 | 17.03 | |
| | | 46 | 8.81 | 9.86 | 10.99 | 12.18 | 13.42 | 14.73 | 16.11 | 17.57 | |
| | | 49 | 9.04 | 10.13 | 11.29 | 12.51 | 13.81 | 15.17 | | | |
| Z9-6TH-200X SUB (4) | Q | 32 | 6.17 | 8.17 | 10.55 | 13.32 | 16.46 | 19.98 | 23.84 | 28.03 | 32.49 |
| | | 38 | 6.00 | 7.96 | 10.27 | 12.93 | 15.94 | 19.29 | 22.96 | 26.92 | 31.11 |
| | | 43 | 5.85 | 7.76 | 10.00 | 12.57 | 15.47 | 18.68 | 22.18 | 25.94 | |
| | | 46 | 5.74 | 7.63 | 9.83 | 12.34 | 15.17 | 18.29 | 21.69 | | |
| | | 49 | 5.63 | 7.49 | 9.64 | 12.10 | | | | | |
| | P | 32 | 9.20 | 10.53 | 11.86 | 13.22 | 14.64 | 16.13 | 17.70 | 19.40 | 21.24 |
| | | 38 | 9.67 | 11.06 | 12.49 | 13.96 | 15.49 | 17.11 | 18.83 | 20.68 | 22.68 |
| | | 43 | 10.11 | 11.56 | 13.05 | 14.60 | 16.23 | 17.95 | 19.78 | 21.76 | |
| | | 46 | 10.39 | 11.87 | 13.40 | 15.00 | 16.68 | 18.46 | 20.36 | | |
| | | 49 | 10.70 | 12.20 | 13.77 | 15.41 | | | | | |
| Z12-6TJ-250X SUB (4) | Q | 32 | 7.65 | 9.75 | 12.51 | 15.85 | 19.66 | 23.84 | 28.26 | 32.77 | 37.21 |
| | | 38 | 7.42 | 9.42 | 12.04 | 15.21 | 18.84 | 22.80 | 26.98 | 31.22 | 35.38 |
| | | 43 | 7.24 | 9.13 | 11.64 | 14.67 | 18.13 | 21.92 | 25.89 | 29.91 | |
| | | 46 | 7.14 | 8.96 | 11.39 | 14.34 | 17.70 | 21.37 | 25.22 | 29.10 | |
| | | 49 | 7.03 | 8.79 | 11.14 | 14.00 | 17.27 | 20.82 | | | |
| | P | 32 | 11.52 | 12.68 | 14.06 | 15.63 | 17.33 | 19.12 | 20.92 | 22.66 | 24.29 |
| | | 38 | 12.02 | 13.26 | 14.73 | 16.41 | 18.24 | 20.17 | 22.14 | 24.08 | 25.91 |
| | | 43 | 12.47 | 13.78 | 15.33 | 17.10 | 19.03 | 21.09 | 23.21 | 25.31 | |
| | | 46 | 12.75 | 14.11 | 15.71 | 17.53 | 19.54 | 21.67 | 23.87 | 26.07 | |
| | | 49 | 13.05 | 14.46 | 16.11 | 17.99 | 20.06 | 22.27 | | | |
| Z12-6TJW-250E SUB (4) | Q | 32 | 8.93 | 11.59 | 14.71 | 18.31 | 22.43 | 27.09 | 32.31 | 38.13 | 44.56 |
| | | 38 | 8.54 | 11.17 | 14.24 | 17.77 | 21.79 | 26.34 | 31.43 | 37.09 | 43.34 |
| | | 43 | 8.28 | 10.88 | 13.89 | 17.35 | 21.29 | 25.73 | 30.71 | 36.23 | |
| | | 46 | 8.17 | 10.74 | 13.71 | 17.13 | 21.01 | 25.39 | 30.29 | 35.73 | |
| | | 49 | 8.09 | 10.63 | 13.57 | 16.93 | 20.76 | | | | |
| | P | 32 | 11.44 | 12.93 | 14.43 | 15.98 | 17.65 | 19.47 | 21.51 | 23.81 | 26.43 |
| | | 38 | 12.04 | 13.62 | 15.22 | 16.89 | 18.67 | 20.63 | 22.81 | 25.27 | 28.07 |
| | | 43 | 12.53 | 14.19 | 15.88 | 17.65 | 19.54 | 21.62 | 23.93 | 26.52 | |
| | | 46 | 12.82 | 14.53 | 16.28 | 18.11 | 20.07 | 22.22 | 24.60 | 27.28 | |
| | | 49 | 13.10 | 14.87 | 16.67 | 18.57 | 20.60 | | | | |
| Z12-6TKW-300E SUB (4) | Q | 32 | 10.54 | 13.70 | 17.39 | 21.64 | 26.50 | 31.99 | 38.13 | 44.96 | 52.48 |
| | | 38 | 10.08 | 13.20 | 16.83 | 20.99 | 25.74 | 31.09 | 37.08 | 43.72 | 51.03 |
| | | 43 | 9.78 | 12.86 | 16.42 | 20.51 | 25.15 | 30.38 | 36.22 | 42.70 | |
| | | 46 | 9.65 | 12.69 | 16.21 | 20.25 | 24.83 | 29.98 | 35.73 | | |
| | | 49 | 9.56 | 12.57 | 16.04 | 20.02 | | | | | |
| | P | 32 | 13.32 | 15.15 | 16.99 | 18.92 | 20.99 | 23.26 | 25.80 | 28.69 | 31.99 |
| | | 38 | 14.04 | 15.98 | 17.95 | 20.01 | 22.23 | 24.67 | 27.39 | 30.47 | 33.98 |
| | | 43 | 14.63 | 16.67 | 18.75 | 20.93 | 23.28 | 25.86 | 28.74 | 31.99 | |
| | | 46 | 14.98 | 17.08 | 19.23 | 21.49 | 23.92 | 26.59 | 29.56 | | |
| | | 49 | 15.32 | 17.48 | 19.70 | 22.04 | | | | | |

Q (kW) = Capacity
P (kW) = Power input
Operating conditions: 20°C Suction gas return, 0K Subcooling

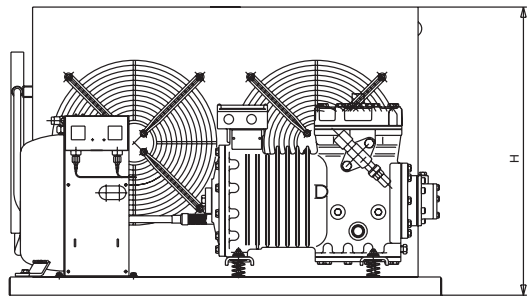
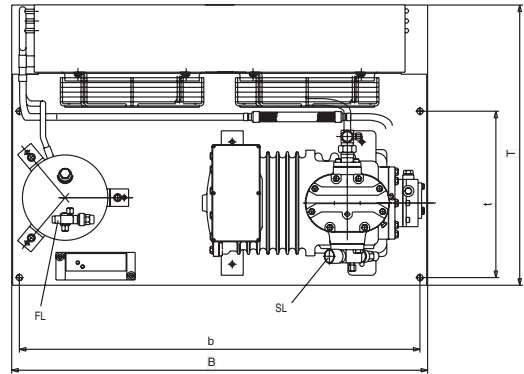
1. At 3K Subcooling, capacity increases by approximately 5%
2. Stated power values are inclusive of fan power

Dimensional drawings

Condenser B, D, H, M with K, L, 2S compressor



Condenser P, R with L compressor



H: Height

B: Width

T: Depth

b,t: Dimensions (holes)

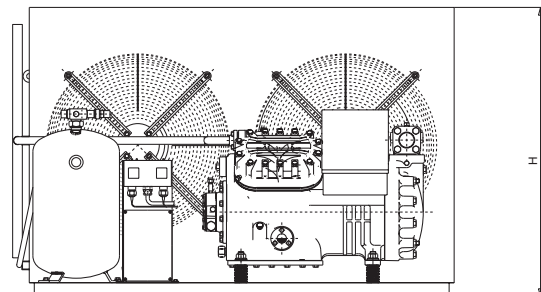
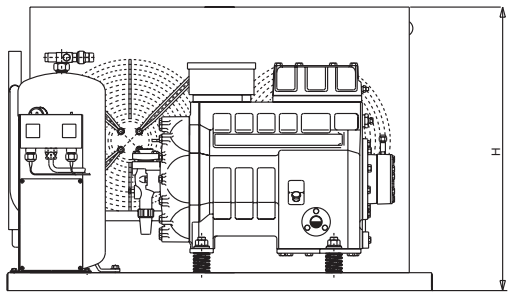
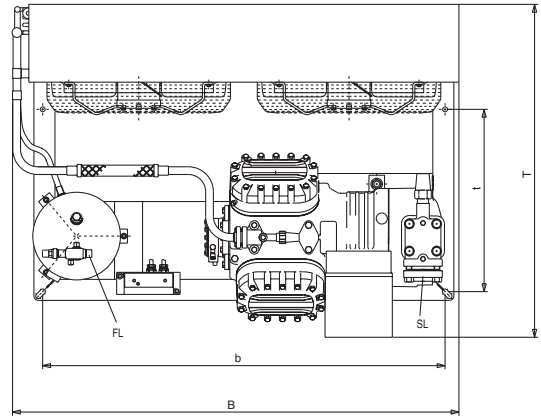
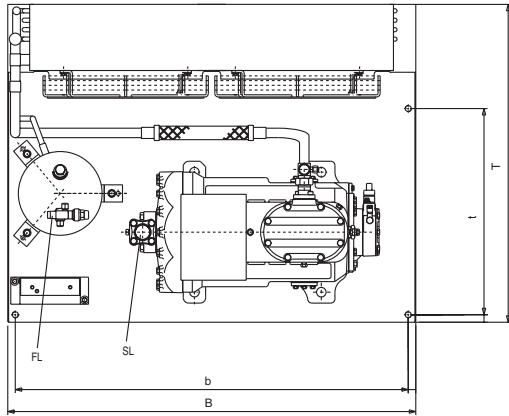
SL: Suction line

FL: Liquid line

Dimensional drawings

Condenser R, S, V, W with 2S, 3S, 2D, 3D compressor

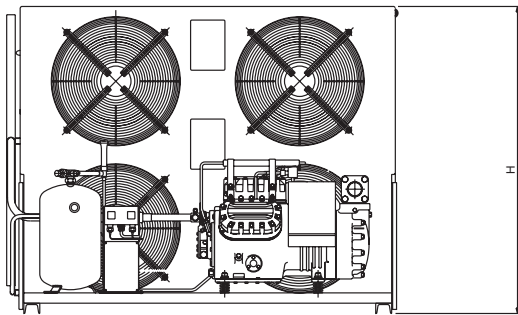
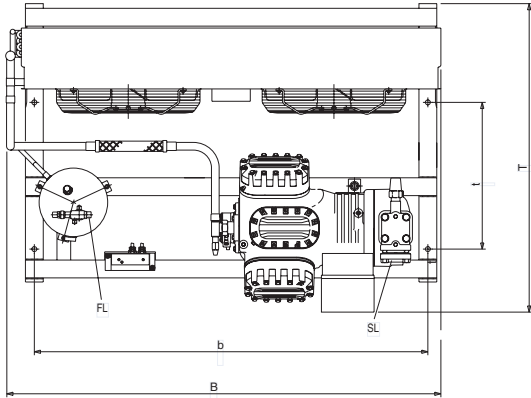
Condenser V, W with 4S, 4M compressor



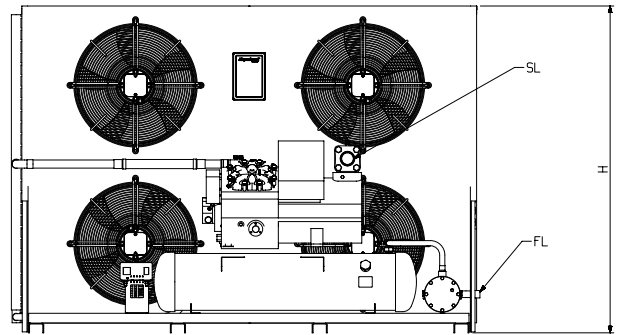
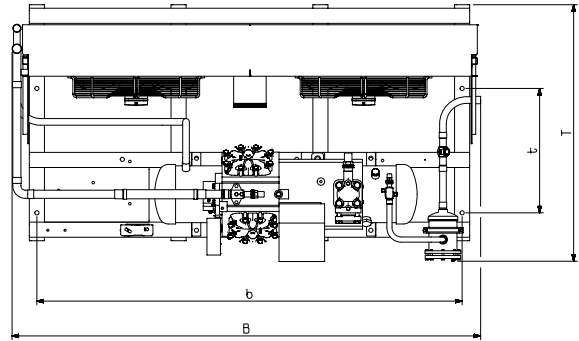
- H:** Height
- B:** Width
- T:** Depth
- b,t:** Dimensions (holes)
- SL:** Suction line
- FL:** Liquid line

Dimensional drawings

Condenser Z9 with 4S, 4M, 6S, 6M, 6T compressor



Condenser Z12 with 4M, 6M, 6T compressor



- H:** Height
- B:** Width
- T:** Depth
- b,t:** Dimensions (holes)
- SL:** Suction line
- FL:** Liquid line

Mechanical data

| SR. No. | Condensing units | Compressor | Condenser/fan type | Receiver Capacity, l (F01, F02, F03 models) | Receiver capacity l | Dimensions (hole dia), mm (b x t) | Number of fans | Air flow cu.m/sec | Gross weight kg | Height mm | Depth/width mm (T/B) | Suction diameter inch (SL) | Liquid line inch (FL) |
|---------|------------------|-------------|--------------------|---|---------------------|-----------------------------------|----------------|-------------------|-----------------|-----------|----------------------|----------------------------|-----------------------|
| 1 | B8-KJ-10X | KJ-10X | B8/71 | NA | 3.3 | 530 x 330 (11) | 1 | 0.36 | 67.5 | 396 | 570/560 | 5/8 | 1/2 |
| 2 | B8-KJ-7X | KJ-7X | B8/71 | NA | 3.3 | 530 x 330 (11) | 1 | 0.36 | 67.5 | 396 | 570/560 | 5/8 | 1/2 |
| 3 | B8-KL-15X | KL-15X | B8/71 | NA | 3.3 | 530 x 330 (11) | 1 | 0.36 | 67.5 | 396 | 570/560 | 5/8 | 1/2 |
| 4 | B8-KM-7X | KM-7X | B8/71 | NA | 3.3 | 530 x 330 (11) | 1 | 0.36 | 67.5 | 396 | 570/560 | 1/2 | 1/2 |
| 5 | B8-KSJ-10X | KSJ-10X | B8/71 | NA | 3.3 | 530 x 330 (11) | 1 | 0.36 | 68.5 | 396 | 570/560 | 5/8 | 1/2 |
| 6 | D8-KSJ-15X | KSJ-15X | D8/121 | NA | 3.9 | 530 x 330 (11) | 1 | 0.51 | 72 | 446 | 570/560 | 7/8 | 1/2 |
| 7 | D8-KSL-20X | KSL-20X | D8/121 | NA | 3.9 | 530 x 330 (11) | 1 | 0.51 | 70 | 446 | 570/560 | 5/8 | 1/2 |
| 8 | D8-LE-20X | LE-20X | D8/121 | NA | 3.9 | 530 x 475 (11) | 1 | 0.51 | 112 | 446 | 715/560 | 7/8 | 1/2 |
| 9 | D8-LF-20X | LF-20X | D8/121 | NA | 3.9 | 530 x 475 (14) | 1 | 0.51 | 114 | 446 | 715/560 | 7/8 | 1/2 |
| 10 | H8-KSL-20X | KSL-20X | H8/271 | NA | 7.9 | 700 x 370 (11) | 1 | 1 | 70 | 533 | 680/735 | 5/8 | 1/2 |
| 11 | H8-LE-20X | LE-20X | H8/271 | NA | 7.9 | 700 x 370 (14) | 1 | 1 | 123 | 533 | 680/735 | 7/8 | 1/2 |
| 12 | H8-LF-30X | LF-30X | H8/271 | NA | 7.9 | 700 x 370 (14) | 1 | 1 | 123 | 533 | 680/735 | 7/8 | 1/2 |
| 13 | H8-LJ-20X | LJ-20X | H8/271 | NA | 7.9 | 700 x 370 (14) | 1 | 1 | 118 | 533 | 680/735 | 7/8 | 1/2 |
| 14 | H8-LJ-30X | LJ-30X | H8/271 | NA | 7.9 | 700 x 370 (14) | 1 | 1 | 123 | 533 | 680/735 | 7/8 | 1/2 |
| 15 | H8-LL-30X | LL-30X | H8/271 | NA | 7.9 | 700 x 370 (14) | 1 | 1 | 125 | 533 | 680/735 | 1 1/8 | 1/2 |
| 16 | H8-LL-40X | LL-40X | H8/271 | NA | 7.9 | 700 x 370 (14) | 1 | 1 | 127 | 533 | 680/735 | 1 1/8 | 1/2 |
| 17 | H8-LSG-40X | LSG-40X | H8/271 | NA | 7.9 | 700 x 370 (14) | 1 | 1 | 131 | 533 | 680/735 | 1 1/8 | 1/2 |
| 18 | M8-2SA-45X | 2SA-45X | M8/271 | NA | 7.9 | 700 x 390 (14) | 1 | 0.92 | 167 | 708 | 730/735 | 1 1/8 | 1/2 |
| 19 | M8-2SA-45X Air | 2SA-45X Air | M8/271 | NA | 7.9 | 700 x 390 (14) | 1 | 0.92 | 167 | 708 | 730/735 | 1 1/8 | 1/2 |
| 20 | M9-2SA-55X | 2SA-55X | M9/611 | NA | 7.9 | 700 x 390 (14) | 1 | 1.24 | 167 | 708 | 730/735 | 1 1/8 | 1/2 |
| 21 | M9-2SC-55X | 2SC-55X | M9/611 | NA | 7.9 | 700 x 390 (14) | 1 | 1.24 | 167 | 708 | 730/735 | 1 1/8 | 1/2 |
| 22 | P8-LF-30X | LF-30X | P8/121 | NA | 7.9 | 915 x 380 (14) | 2 | 1.06 | 154 | 633 | 640/950 | 1 1/8 | 1/2 |
| 23 | P8-LJ-30X | LJ-30X | P8/121 | NA | 7.9 | 915 x 380 (14) | 2 | 1.06 | 154 | 633 | 640/950 | 7/8 | 1/2 |
| 24 | P8-LL-40X | LL-40X | P8/121 | NA | 7.9 | 915 x 380 (14) | 2 | 1.06 | 155 | 633 | 640/950 | 1 1/8 | 1/2 |
| 25 | R7-2DB-50X | 2DB-50X | R7/271 | 7.9 | 7.9 | 1095 x 475 (14) | 2 | 1.97 | 236 | 633 | 835/1173 | 1 3/8 | 1/2 |
| 26 | R7-2DB-50X-DC | 2DB-50X-DC | R7/271 | 7.9 | 7.9 | 1095 x 475 (14) | 2 | 1.97 | 236 | 633 | 835/1173 | 1 3/8 | 1/2 |
| 27 | R7-2DD-50X | 2DD-50X | R7/271 | 11.7 | 15.8 | 1095 x 475 (14) | 2 | 1.97 | 236 | 633 | 835/1173 | 1 3/8 | 5/8 |
| 28 | R7-2DL-75X | 2DL-75X | R7/271 | 11.7 | 15.8 | 1095 x 475 (14) | 2 | 1.97 | 245 | 633 | 835/1173 | 1 3/8 | 5/8 |
| 29 | R7-2SA-45X | 2SA-45X | R7/271 | 15.8 | 15.8 | 1095 x 475 (14) | 2 | 1.97 | 167 | 633 | 835/1173 | 1 1/8 | 1/2 |
| 30 | R7-2SA-45X Air | 2SA-45X Air | R7/271 | 15.8 | 15.8 | 1095 x 475 (14) | 2 | 1.97 | 167 | 633 | 835/1173 | 1 1/8 | 1/2 |
| 31 | R7-3DC-75X-DC | 3DC-75X-DC | R7/271 | 11.7 | 15.8 | 1095 x 475 (14) | 2 | 1.97 | 358 | 633 | 835/1173 | 1 3/8 | 5/8 |
| 32 | R7-3DC-75X | 3DC-75X | R7/271 | 11.7 | 15.8 | 1095 x 475 (14) | 2 | 1.97 | 358 | 633 | 835/1173 | 1 3/8 | 5/8 |
| 33 | R7-LHA-50X | LHA-50X | R7/271 | 7.9 | 7.9 | 1095 x 475 (14) | 2 | 1.97 | 236 | 633 | 835/1173 | 1 1/8 | 1/2 |
| 34 | S9-2DB-75X | 2DB-75X | S9/271 | 11.7 | 15.8 | 1095 x 475 (14) | 2 | 1.94 | 252 | 708 | 835/1173 | 1 3/8 | 5/8 |
| 35 | S9-2SC-55X | 2SC-55X | S9/271 | 15.8 | 15.8 | 1095 x 475 (14) | 2 | 1.94 | 167 | 708 | 835/1173 | 1 1/8 | 1/2 |
| 36 | S9-2SC-65X | 2SC-65X | S9/271 | 15.8 | 15.8 | 1095 x 475 (14) | 2 | 1.94 | 180 | 708 | 835/1173 | 1 1/8 | 5/8 |
| 37 | S9-3DA-75X | 3DA-75X | S9/271 | 15.8 | 18.9 | 1295 x 475 (14) | 2 | 1.94 | 339 | 708 | 835/1173 | 1 3/8 | 5/8 |
| 38 | S9-3DS-100X-DC | 3DS-100X-DC | S9/271 | 15.8 | 15.8 | 1095 x 475 (14) | 2 | 1.94 | 279 | 708 | 835/1173 | 1 3/8 | 5/8 |
| 39 | S9-3DS-100X | 3DS-100X | S9/271 | 15.8 | 15.8 | 1095 x 475 (14) | 2 | 1.94 | 279 | 708 | 835/1173 | 1 3/8 | 5/8 |
| 40 | S9-3SC-75X-DTC | 3SC-75X-DTC | S9/271 | 15.8 | 15.8 | 1095 x 475 (14) | 2 | 1.94 | 360 | 708 | 835/1173 | 1 3/8 | 5/8 |
| 41 | S9-3SC-750-DTC | 3SC-750-DTC | S9/271 | NA | 15.8 | 1096 x 475 (14) | 2 | 1.94 | 360 | 708 | 820/1130 | 1 3/8 | 3/4 |
| 42 | S9-3SC-75X | 3SC-75X | S9/271 | 15.8 | 15.8 | 1095 x 475 (14) | 2 | 1.94 | 284 | 708 | 835/1173 | 1 3/8 | 5/8 |
| 43 | V6-3DC-100X | 3DC-100X | V6/611 | 15.8 | 18.9 | 1295 x 475 (14) | 2 | 2.97 | 358 | 835 | 820/1330 | 1 3/8 | 7/8 |
| 44 | V6-3SC-75X-DTC | 3SC-75X-DTC | V6/611 | 18.9 | 18.9 | 1295 x 475 (14) | 2 | 2.97 | 360 | 835 | 820/1330 | 1 3/8 | 5/8 |
| 45 | V6-3SC-750-DTC | 3SC-750-DTC | V6/611 | NA | 18.9 | 1296 x 475 (14) | 2 | 2.97 | 360 | 835 | 820/1331 | 1 3/8 | 7/8 |
| 46 | V6-3SC-75X | 3SC-75X | V6/611 | 18.9 | 18.9 | 1295 x 475 (14) | 2 | 2.97 | 360 | 835 | 820/1330 | 1 3/8 | 5/8 |
| 47 | V6-3SC-100X | 3SC-100X | V6/611 | 18.9 | 18.9 | 1295 x 475 (14) | 2 | 2.97 | 360 | 835 | 820/1330 | 1 3/8 | 5/8 |

Mechanical data

| SR. No. | Condensing units | Compressor | Condenser/ fan type | Receiver Capacity, l (F01,F02,F03 models) | Receiver capacity l | Dimensions (hole dia), mm (b x t) | Number of fans | Air flow cu.m/sec | Gross weight kg | Height mm | Depth/ width mm (T/B) | Suction diameter inch (SL) | Liquid line inch (FL) |
|---------|-------------------|--------------|---------------------|---|---------------------|-----------------------------------|----------------|-------------------|-----------------|-----------|-----------------------|----------------------------|-----------------------|
| 48 | V6-3SS-100X-DTC | 3SS-100X-DTC | V6/611 | 18.9 | 18.9 | 1295 x 475 (14) | 2 | 2.97 | 417 | 835 | 820/1358 | 1 3/8 | 5/8 |
| 49 | V6-3SS-1000-DTC | 3SS-1000-DTC | V6/611 | NA | 18.9 | 1296 x 475 (14) | 2 | 2.97 | 417 | 835 | 820/1330 | 1 3/8 | 7/8 |
| 50 | V6-3SS-100X | 3SS-100X | V6/611 | 18.9 | 18.9 | 1295 x 475 (14) | 2 | 2.97 | 360 | 835 | 820/1358 | 1 3/8 | 5/8 |
| 51 | V6-4SL-1500-DTC | 4SL-1500-DTC | V6/611 | NA | 18.9 | 1148 x 520 (14) | 2 | 2.97 | 385 | 835 | 955/1289 | 1 5/8 | 7/8 |
| 52 | V6-4SL-150X | 4SL-150X | V6/611 | NA | 18.9 | 1148 x 520 (14) | 2 | 2.97 | 375 | 835 | 820/1358 | 1 5/8 | 7/8 |
| 53 | V9-2SK-65X | 2SK-65X | V9/271 | 18.9 | 18.9 | 1295 x 475 (14) | 2 | 2.18 | 167 | 835 | 820/1358 | 1 1/8 | 5/8 |
| 54 | V9-3SA-75X | 3SA-75X | V9/271 | 18.9 | 18.9 | 1295 x 475 (14) | 2 | 2.18 | 295 | 835 | 820/1358 | 1 3/8 | 5/8 |
| 55 | W9-3DS-150X | 3DS-150X | W9/611 | 18.9 | 18.9 | 1605 x 475 (14) | 2 | 3.33 | 417 | 869 | 836/1683 | 1 5/8 | 7/8 |
| 56 | W9-3SS-150X | 3SS-150X | W9/611 | 18.9 | 18.9 | 1605 x 475 (14) | 2 | 3.33 | 417 | 869 | 836/1683 | 1 5/8 | 7/8 |
| 57 | W9-3SS-100X-DTC | 3SS-100X-DTC | W9/611 | 18.9 | 18.9 | 1605 x 475 (14) | 2 | 3.33 | 417 | 869 | 820/1674 | 1 3/8 | 7/8 |
| 58 | W9-3SS-1000-DTC | 3SS-1000-DTC | W9/611 | NA | 18.9 | 1605 x 475 (14) | 2 | 3.33 | 417 | 869 | 820/1640 | 1 3/8 | 7/8 |
| 59 | W9-3SS-100X | 3SS-100X | W9/611 | 18.9 | 18.9 | 1605 x 475 (14) | 2 | 3.33 | 417 | 869 | 820/1674 | 1 3/8 | 7/8 |
| 60 | W9-4MF-13X-DC | 4MF-13X-DC | W9/611 | 18.9 | 18.9 | 1435 x 535 (18) | 2 | 3.33 | 472 | 875 | 1135/1609 | 1 5/8 | 5/8 |
| 61 | W9-4MF-13X | 4MF-13X | W9/612 | 18.9 | 18.9 | 1435 x 535 (18) | 2 | 3.33 | 472 | 875 | 1135/1609 | 1 5/8 | 5/8 |
| 62 | W9-4ML-15X-DC | 4ML-15X-DC | W9/613 | 18.9 | 18.9 | 1435 x 535 (18) | 2 | 3.33 | 472 | 875 | 1135/1609 | 1 5/8 | 5/8 |
| 63 | W9-4ML-15X | 4ML-15X | W9/614 | 18.9 | 18.9 | 1435 x 535 (18) | 2 | 3.33 | 472 | 875 | 1135/1609 | 1 5/8 | 5/8 |
| 64 | W9-4MM-20X | 4MM-20X | W9/611 | 18.9 | 18.9 | 1435 x 535 (18) | 2 | 3.33 | 472 | 875 | 1135/1609 | 2 1/8 | 7/8 |
| 65 | W9-4MM-20X-DC | 4MM-20X-DC | W9/611 | 18.9 | 18.9 | 1435 x 535 (18) | 2 | 3.33 | 472 | 875 | 1135/1609 | 2 1/8 | 7/8 |
| 66 | W9-4MT-22X | 4MT-22X | W9/611 | 18.9 | 18.9 | 1435 x 535 (18) | 2 | 3.33 | 472 | 875 | 1135/1609 | 2 1/8 | 7/8 |
| 67 | W9-4MT-22X-DC | 4MT-22X-DC | W9/611 | 18.9 | 18.9 | 1435 x 535 (18) | 2 | 3.33 | 472 | 875 | 1135/1609 | 2 1/8 | 7/8 |
| 68 | W9-4ST-2000-DTC | 4ST-2000-DTC | W9/611 | NA | 18.9 | 1435 x 535 (18) | 2 | 3.33 | 472 | 875 | 1108/1600 | 2 1/8 | 7/8 |
| 69 | W9-4ST-200X | 4ST-200X | W9/611 | NA | 18.9 | 1435 x 535 (18) | 2 | 3.33 | 465 | 875 | 1108/1600 | 2 1/8 | 7/8 |
| 70 | Z9-4MA-22X | 4MA-22X | Z9/611 | 18.9 | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 548 | 1263 | 1107/1600 | 1 5/8 | 7/8 |
| 71 | Z9-4MH-25X | 4MH-25X | Z9/611 | 23.5 | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 554 | 1263 | 1135/1600 | 2 1/8 | 7/8 |
| 72 | Z9-4MI-30X | 4MI-30X | Z9/611 | 23.5 | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 581 | 1263 | 1135/1600 | 2 1/8 | 7/8 |
| 73 | Z9-4MJ-33X | 4MJ-33X | Z9/611 | 23.5 | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 581 | 1263 | 1135/1600 | 2 1/8 | 7/8 |
| 74 | Z9-4MT-22X | 4MT-22X | Z9/611 | 18.9 | 18.9 | 1435x515 (18) | 4 | 5.41 | 554 | 1263 | 1135/1600 | 2 1/8 | 7/8 |
| 75 | Z9-4MU-25X | 4MU-25X | Z9/611 | 18.9 | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 557 | 1263 | 1135/1600 | 2 1/8 | 7/8 |
| 76 | Z9-4MU-25X-DC | 4MU-25X-DC | Z9/611 | 18.9 | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 557 | 1263 | 1135/1600 | 2 1/8 | 7/8 |
| 77 | Z9-4SA-200X | 4SA-200X | Z9/611 | NA | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 531 | 1263 | 1108/1600 | 1 5/8 | 7/8 |
| 78 | Z9-4SH-250X | 4SH-250X | Z9/611 | NA | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 576 | 1263 | 1108/1600 | 2 1/8 | 7/8 |
| 79 | Z9-4SJ-300X | 4SJ-300X | Z9/611 | NA | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 581 | 1263 | 1108/1600 | 2 1/8 | 7/8 |
| 80 | Z9-6MM-30X | 6MM-30X | Z9/611 | 23.5 | 18.9 | 1435x515 (18) | 4 | 5.41 | 575 | 1263 | 1130/1600 | 2 1/8 | 7/8 |
| 81 | Z9-6MM-30X-DC | 6MM-30X-DC | Z9/611 | 23.5 | 18.9 | 1435x515 (18) | 4 | 5.41 | 575 | 1263 | 1130/1600 | 2 1/8 | 7/8 |
| 82 | Z9-6SL-2500-DTC | 6SL-2500-DTC | Z9/611 | NA | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 602 | 1263 | 1128/1600 | 2 1/8 | 7/8 |
| 83 | Z9-6SL-250X | 6SL-250X | Z9/611 | NA | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 602 | 1263 | 1128/1600 | 2 1/8 | 7/8 |
| 84 | Z9-6ST-3200-DTC | 6ST-3200-DTC | Z9/611 | NA | 18.9 | 1436 x 535 (18) | 4 | 5.41 | 622 | 1263 | 1128/1600 | 2 1/8 | 7/8 |
| 85 | Z9-6ST-320X | 6ST-320X | Z9/611 | NA | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 622 | 1263 | 1128/1600 | 2 1/8 | 7/8 |
| 86 | Z12-6MU-40X-DC | 6MU-40X-DC | Z12/610 | 47.9 | NA | 1829 x 535 (18) | 4 | 7.5 | 720 | 1406 | 1180/2001 | 2 5/8 | 7/8 |
| 87 | Z12-6MU-40X | 6MU-40X | Z12/610 | 47.9 | NA | 1829 x 535 (18) | 4 | 7.5 | 720 | 1406 | 1180/2001 | 2 5/8 | 7/8 |
| 88 | Z12-4MK-35X | 4MK-35X | Z12/610 | 47.9 | NA | 1829 x 535 (18) | 4 | 7.5 | 697 | 1406 | 1180/2001 | 2 1/8 | 7/8 |
| 89 | Z12-6MI-40X | 6MI-40X | Z12/610 | 47.9 | NA | 1829 x 535 (18) | 4 | 7.5 | 714 | 1406 | 1180/2001 | 2 1/8 | 7/8 |
| 90 | Z9-6TA-150X SUB | 6TA-150X SUB | Z9/611 | NA | 18.9 | 1435 x 535 (18) | 4 | 5.41 | 614 | 1263 | 1138/1600 | 1 5/8 | 7/8 |
| 91 | Z9-6TH-200X SUB | 6TH-200X SUB | Z9/611 | NA | 23.0 | 1435 x 535 (18) | 4 | 5.41 | 617 | 1263 | 1138/1600 | 1 5/8 | 7/8 |
| 92 | Z12-6TJ-250X SUB | 6TJ-250X | Z12/610 | 47.9 | NA | 1829 x 535 (18) | 4 | 7.5 | 804 | 1406 | 1180/2015 | 2 1/8 | 7/8 |
| 93 | Z12-6TJW-250E SUB | 6TJW-250E | Z12/610 | 47.9 | NA | 1829 x 535 (18) | 4 | 7.5 | 804 | 1406 | 1180/2015 | 2 1/8 | 7/8 |
| 94 | Z12-6TKW-300E SUB | 6TKW-300E | Z12/610 | 47.9 | NA | 1829 x 535 (18) | 4 | 7.5 | 825 | 1406 | 1180/2015 | 2 1/8 | 7/8 |

Electrical data

| SR.No. | Condensing units | Compressor maximum operating current (A) | | | | Compressor locked rotor current (A) | | | | Condenser Fan Current for each fan (230V/1 Phase) |
|--------|------------------|--|-------|------|------|-------------------------------------|-------|-------|-------|---|
| | | CAG | EWL++ | EWL+ | AWM | CAG | EWL++ | EWL+ | AWM | |
| 1 | B8-KJ-10X | 7.1 | 3.2 | 5.5 | | | 15.5 | 26.8 | | 0.38 |
| 2 | B8-KJ-7X | | 2.4 | 4.2 | | | 12.2 | 21.1 | | 0.38 |
| 3 | B8-KL-15X | 8.4 | 3.4 | 5.9 | | | 19.1 | 33.0 | | 0.38 |
| 4 | B8-KM-7X | | 2.4 | 4.2 | | | 12.2 | 21.1 | | 0.38 |
| 5 | B8-KSJ-10X | | 3.0 | 5.2 | | | 15.5 | 26.8 | | 0.38 |
| 6 | D8-KSJ-15X | 9.0 | 3.4 | 5.9 | | | 19.1 | 33.0 | | 0.45/0.60 |
| 7 | D8-KSL-20X | | 4.7 | 8.1 | | | 23.3 | 40.3 | | 0.45/0.60 |
| 8 | D8-LE-20X | | 5.7 | 9.9 | | | 37.6 | 65.0 | | 0.45/0.60 |
| 9 | D8-LF-20X | | 5.5 | 9.5 | | | 37.6 | 65.0 | | 0.45/0.60 |
| 10 | H8-KSL-20X | | 4.7 | 8.1 | | | 23.3 | 40.3 | | 0.45/0.60 |
| 11 | H8-LE-20X | | 5.7 | 9.9 | | | 37.6 | 65.0 | | 1.15/1.25 |
| 12 | H8-LF-30X | | 6.8 | 11.8 | | | 50.6 | 87.5 | | 1.15/1.25 |
| 13 | H8-LJ-20X | | 5.6 | 9.7 | | | 37.6 | 65.0 | | 1.15/1.25 |
| 14 | H8-LJ-30X | | 7.4 | 12.8 | | | 50.6 | 87.5 | | 1.15/1.25 |
| 15 | H8-LL-30X | | 7.3 | 12.6 | | | 50.6 | 87.5 | | 1.15/1.25 |
| 16 | H8-LL-40X | | 9.9 | 17.1 | | | 58.9 | 101.9 | | 1.15/1.25 |
| 17 | H8-LSG-40X | | 8.9 | 15.4 | | | 58.9 | 101.9 | | 1.15/1.25 |
| 18 | M8-2SA-45X | | 11.4 | 19.7 | | | 68.5 | 118.5 | | 1.15/1.25 |
| 19 | M8-2SA-45X Air | | 11.4 | 19.7 | | | 68.5 | 118.5 | | 1.15/1.25 |
| 20 | M9-2SA-55X | | 13.1 | 22.7 | | | 67.3 | 116.4 | | 1.85/2.48 |
| 21 | M9-2SC-55X | | 13.1 | 22.7 | | | 74.1 | 128.2 | | 1.85/2.48 |
| 22 | P8-LF-30X | | 6.8 | 11.8 | | | 50.6 | 87.5 | | 0.45/0.60 |
| 23 | P8-LJ-30X | | 7.4 | 12.8 | | | 50.6 | 87.5 | | 0.45/0.60 |
| 24 | P8-LL-40X | | 9.9 | 17.1 | | | 58.9 | 101.9 | | 0.45/0.60 |
| 25 | R7-2DB-50X | | | | 13.4 | | | | 55 | 1.15/1.25 |
| 26 | R7-2DB-50X-DC | | | | 13.4 | | | | 55 | 1.15/1.25 |
| 27 | R7-2DD-50X | | | | 10.3 | | | | 55.0 | 1.15/1.25 |
| 28 | R7-2DL-75X | | | | 13.8 | | | | 82.0 | 1.15/1.25 |
| 29 | R7-2SA-45X | | 11.4 | | | | 68.5 | | | 1.15/1.25 |
| 30 | R7-2SA-45X Air | | 11.4 | | | | 68.5 | | | 1.15/1.25 |
| 31 | R7-3DC-75X-DC | | | | 13.8 | | | | 82.0 | 1.15/1.25 |
| 32 | R7-3DC-75X | | | | 18.3 | | | | 82.0 | 1.15/1.25 |
| 33 | R7-LHA-50X | | | | 12.4 | | | | 85.3 | 1.15/1.25 |
| 34 | S9-2DB-75X | | | | 16.1 | | | | 82.0 | 1.15/1.25 |
| 35 | S9-2SC-55X | | 13.1 | | | | 74.1 | | | 1.15/1.25 |
| 36 | S9-2SC-65X | | 16.2 | | | | 85.3 | | | 1.15/1.25 |
| 37 | S9-3DA-75X | | | | 17.5 | | | | 106.0 | 1.15/1.25 |
| 38 | S9-3DS-100X-DC | | | | 18.6 | | | | 121.0 | 1.15/1.25 |
| 39 | S9-3DS-100X | | | | 24.4 | | | | 121.0 | 1.15/1.25 |
| 40 | S9-3SC-75X-DTC | | | | 17.0 | | | | 82.0 | 1.15/1.25 |
| 41 | S9-3SC-750-DTC | | | | 17.0 | | | | 82.0 | 1.15/1.25 |
| 42 | S9-3SC-75X | | | | 18.7 | | | | 82.0 | 1.15/1.25 |
| 43 | V6-3DC-100X | | | | 20.5 | | | | 121.0 | 1.85/2.48 |
| 44 | V6-3SC-75X-DTC | | | | 17.0 | | | | 82.0 | 1.85/2.48 |
| 45 | V6-3SC-750-DTC | | | | 17.0 | | | | 82.0 | 1.85/2.48 |
| 46 | V6-3SC-75X | | | | 18.7 | | | | 82.0 | 1.85/2.48 |
| 47 | V6-3SC-100X | | | | 21.6 | | | | 106.0 | 1.85/2.48 |

Electrical data

| SR.No. | Condensing units | Compressor maximum operating current (A) | | | | Compressor locked rotor current (A) | | | | Condenser Fan Current for each fan (230V/1 Phase) |
|--------|-------------------|--|-------|------|------|-------------------------------------|-------|------|-------|---|
| | | CAG | EWL++ | EWL+ | AWM | CAG | EWL++ | EWL+ | AWM | |
| 48 | V6-3SS-100X-DTC | | | | 24.2 | | | | 125.0 | 1.85/2.48 |
| 49 | V6-3SS-1000-DTC | | | | 24.2 | | | | 125.0 | 1.85/2.48 |
| 50 | V6-3SS-100X | | | | 26.0 | | | | 109.0 | 1.85/2.48 |
| 51 | V6-4SL-1500-DTC | | | | 31.1 | | | | 156.0 | 1.85/2.48 |
| 52 | V6-4SL-150X | | | | 35.6 | | | | 156.0 | 1.85/2.48 |
| 53 | V9-2SK-65X | | | | 16.4 | | | | 85.3 | 1.15/1.25 |
| 54 | V9-3SA-75X | | | | 17.9 | | | | 82.0 | 1.15/1.25 |
| 55 | W9-3DS-150X | | | | 29.0 | | | | 123.0 | 1.85/2.48 |
| 56 | W9-3SS-150X | | | | 30.2 | | | | 125 | 1.85/2.48 |
| 57 | W9-3SS-100X-DTC | | | | 24.2 | | | | 125.0 | 1.85/2.48 |
| 58 | W9-3SS-1000-DTC | | | | 24.2 | | | | 125.0 | 1.85/2.48 |
| 59 | W9-3SS-100X | | | | 26.0 | | | | 109.0 | 1.85/2.48 |
| 60 | W9-4MF-13X-DC | | | | 30.8 | | | | 105 | 1.85/2.48 |
| 61 | W9-4MF-13X | | | | 30.8 | | | | 105 | 1.85/2.48 |
| 62 | W9-4ML-15X-DC | | | | 35.4 | | | | 156 | 1.85/2.48 |
| 63 | W9-4ML-15X | | | | 35.4 | | | | 156 | 1.85/2.48 |
| 64 | W9-4MM-20X | | | | 39.0 | | | | 175.0 | 1.85/2.48 |
| 65 | W9-4MM-20X-DC | | | | 39.0 | | | | 175.0 | 1.85/2.48 |
| 66 | W9-4MT-22X | | | | 44.5 | | | | 175.0 | 1.85/2.48 |
| 67 | W9-4MT-22X-DC | | | | 44.5 | | | | 175.0 | 1.85/2.48 |
| 68 | W9-4ST-2000-DTC | | | | 34.9 | | | | 160.0 | 1.85/2.48 |
| 69 | W9-4ST-200X | | | | 42.4 | | | | 175.0 | 1.85/2.48 |
| 70 | Z9-4MA-22X | | | | 36.3 | | | | 175.0 | 1.85/2.48 |
| 71 | Z9-4MH-25X | | | | 41.6 | | | | 199.0 | 1.85/2.48 |
| 72 | Z9-4MI-30X | | | | 46.6 | | | | 221.0 | 1.85/2.48 |
| 73 | Z9-4MJ-33X | | | | 52.9 | | | | 221.0 | 1.85/2.48 |
| 74 | Z9-4MT-22X | | | | 44.5 | | | | 175.0 | 1.85/2.48 |
| 75 | Z9-4MU-25X | | | | 51.9 | | | | 199.0 | 1.85/2.48 |
| 76 | Z9-4MU-25X-DC | | | | 51.9 | | | | 199.0 | 1.85/2.48 |
| 77 | Z9-4SA-200X | | | | 32.7 | | | | 175.0 | 1.85/2.48 |
| 78 | Z9-4SH-250X | | | | 41.0 | | | | 199.0 | 1.85/2.48 |
| 79 | Z9-4SJ-300X | | | | 48.0 | | | | 221.0 | 1.85/2.48 |
| 80 | Z9-6MM-30X | | | | 59.7 | | | | 255.0 | 1.85/2.48 |
| 81 | Z9-6MM-30X-DC | | | | 59.7 | | | | 255.0 | 1.85/2.48 |
| 82 | Z9-6SL-2500-DTC | | | | 48.7 | | | | 192.0 | 1.85/2.48 |
| 83 | Z9-6SL-250X | | | | 56.5 | | | | 199.0 | 1.85/2.48 |
| 84 | Z9-6ST-3200-DTC | | | | 57.1 | | | | 255.0 | 1.85/2.48 |
| 85 | Z9-6ST-320X | | | | 62.9 | | | | 255.0 | 1.85/2.48 |
| 86 | Z12-6MU-40X-DC | | | | 75.8 | | | | 306 | 1.35 (400V/3 phase) |
| 87 | Z12-6MU-40X | | | | 75.8 | | | | 306 | 1.35 (400V/3 phase) |
| 88 | Z12-4MK-35X | | | | 61.1 | | | | 255 | 1.35 (400V/3 phase) |
| 89 | Z12-6MI-40X | | | | 71.4 | | | | 304 | 1.35 (400V/3 phase) |
| 90 | Z9-6TA-150X SUB | | | | 29.4 | | | | 173.0 | 1.85/2.48 |
| 91 | Z9-6TH-200X SUB | | | | 37.7 | | | | 173.0 | 1.85/2.48 |
| 92 | Z12-6TJ-250X SUB | | | | 44.6 | | | | 197 | 1.35 (400V/3 phase) |
| 93 | Z12-6TJW-250E SUB | | | | 44.6 | | | | 197 | 1.35 (400V/3 phase) |
| 94 | Z12-6TKW-300E SUB | | | | 54.5 | | | | 304 | 1.35 (400V/3 phase) |

Model options

| SR.No | Models | -B | F01 | F02 | F03 |
|-------|-----------------|----|-----|-----|-----|
| 1 | B8-KJ-10X | ✓ | x | x | x |
| 2 | B8-KJ-7X | ✓ | x | x | x |
| 3 | B8-KL-15X | ✓ | x | x | x |
| 4 | B8-KM-7X | ✓ | x | x | x |
| 5 | B8-KSJ-10X | ✓ | x | x | x |
| 6 | D8-KSJ-15X | ✓ | x | x | x |
| 7 | D8-KSL-20X | ✓ | x | x | x |
| 8 | D8-LE-20X | ✓ | x | x | x |
| 9 | D8-LF-20X | ✓ | x | x | x |
| 10 | H8-KSL-20X | ✓ | x | x | x |
| 11 | H8-LE-20X | ✓ | x | x | x |
| 12 | H8-LF-30X | ✓ | x | x | x |
| 13 | H8-LJ-20X | ✓ | x | x | x |
| 14 | H8-LJ-30X | ✓ | x | x | x |
| 15 | H8-LL-30X | ✓ | x | x | x |
| 16 | H8-LL-40X | ✓ | x | x | x |
| 17 | H8-LSG-40X | ✓ | x | x | x |
| 18 | M8-2SA-45X | ✓ | x | x | x |
| 19 | M8-2SA-45X Air | ✓ | x | x | x |
| 20 | M9-2SA-55X | ✓ | x | x | x |
| 21 | M9-2SC-55X | ✓ | x | x | x |
| 22 | P8-LF-30X | ✓ | x | x | x |
| 23 | P8-LJ-30X | ✓ | x | x | x |
| 24 | P8-LL-40X | ✓ | x | x | x |
| 25 | R7-2DB-50X | ✓ | ✓ | ✓ | ✓ |
| 26 | R7-2DB-50X-DC | ✓ | ✓ | ✓ | ✓ |
| 27 | R7-2DD-50X | ✓ | ✓ | ✓ | ✓ |
| 28 | R7-2DL-75X | ✓ | ✓ | ✓ | ✓ |
| 29 | R7-2SA-45X | ✓ | ✓ | ✓ | ✓ |
| 30 | R7-2SA-45X Air | ✓ | ✓ | ✓ | ✓ |
| 31 | R7-3DC-75X-DC | ✓ | ✓ | ✓ | ✓ |
| 32 | R7-3DC-75X | ✓ | ✓ | ✓ | ✓ |
| 33 | R7-LHA-50X | ✓ | ✓ | x | x |
| 34 | S9-2DB-75X | ✓ | ✓ | ✓ | ✓ |
| 35 | S9-2SC-55X | ✓ | ✓ | ✓ | ✓ |
| 36 | S9-2SC-65X | ✓ | ✓ | ✓ | ✓ |
| 37 | S9-3DA-75X | ✓ | ✓ | ✓ | ✓ |
| 38 | S9-3DS-100X-DC | ✓ | ✓ | ✓ | ✓ |
| 39 | S9-3DS-100X | ✓ | ✓ | ✓ | ✓ |
| 40 | S9-3SC-75X-DTC | ✓ | ✓ | ✓ | ✓ |
| 41 | S9-3SC-750-DTC | ✓ | x | x | x |
| 42 | S9-3SC-75X | ✓ | ✓ | ✓ | ✓ |
| 43 | V6-3DC-100X | ✓ | ✓ | ✓ | ✓ |
| 44 | V6-3SC-75X-DTC | x | ✓ | ✓ | ✓ |
| 45 | V6-3SC-750-DTC | ✓ | x | x | x |
| 46 | V6-3SC-75X | ✓ | ✓ | ✓ | ✓ |
| 47 | V6-3SC-100X | ✓ | ✓ | ✓ | ✓ |
| 48 | V6-3SS-100X-DTC | x | ✓ | ✓ | ✓ |
| 49 | V6-3SS-1000-DTC | ✓ | x | x | x |
| 50 | V6-3SS-100X | ✓ | ✓ | ✓ | ✓ |
| 51 | V6-4SL-1500-DTC | ✓ | x | x | x |

| SR.No | Models | -B | F01 | F02 | F03 |
|-------|-------------------|----|-----|-----|-----|
| 52 | V6-4SL-150X | ✓ | x | x | x |
| 53 | V9-2SK-65X | ✓ | ✓ | ✓ | ✓ |
| 54 | V9-3SA-75X | ✓ | ✓ | ✓ | ✓ |
| 55 | W9-3DS-150X | ✓ | ✓ | ✓ | ✓ |
| 56 | W9-3SS-150X | ✓ | ✓ | ✓ | ✓ |
| 57 | W9-3SS-100X-DTC | x | ✓ | ✓ | ✓ |
| 58 | W9-3SS-1000-DTC | ✓ | x | x | x |
| 59 | W9-3SS-100X | ✓ | ✓ | ✓ | ✓ |
| 60 | W9-4MF-13X-DC | ✓ | ✓ | ✓ | ✓ |
| 61 | W9-4MF-13X | ✓ | ✓ | ✓ | ✓ |
| 62 | W9-4ML-15X-DC | ✓ | ✓ | ✓ | ✓ |
| 63 | W9-4ML-15X | ✓ | ✓ | ✓ | ✓ |
| 64 | W9-4MM-20X | ✓ | ✓ | ✓ | ✓ |
| 65 | W9-4MM-20X-DC | ✓ | ✓ | ✓ | ✓ |
| 66 | W9-4MT-22X | ✓ | ✓ | ✓ | ✓ |
| 67 | W9-4MT-22X-DC | ✓ | ✓ | ✓ | ✓ |
| 68 | W9-4ST-2000-DTC | ✓ | x | x | x |
| 69 | W9-4ST-200X | ✓ | x | x | x |
| 70 | Z9-4MA-22X | ✓ | ✓ | ✓ | ✓ |
| 71 | Z9-4MH-25X | ✓ | ✓ | ✓ | ✓ |
| 72 | Z9-4MI-30X | ✓ | ✓ | ✓ | ✓ |
| 73 | Z9-4MJ-33X | ✓ | ✓ | ✓ | ✓ |
| 74 | Z9-4MT-22X | ✓ | ✓ | ✓ | ✓ |
| 75 | Z9-4MU-25X | ✓ | ✓ | ✓ | ✓ |
| 76 | Z9-6MM-30X | ✓ | ✓ | ✓ | ✓ |
| 77 | Z9-6MM-30X-DC | ✓ | ✓ | ✓ | ✓ |
| 78 | Z9-4MU-25X-DC | ✓ | ✓ | ✓ | ✓ |
| 79 | Z9-4SA-200X | ✓ | x | x | x |
| 80 | Z9-4SH-250X | ✓ | x | x | x |
| 81 | Z9-4SJ-300X | ✓ | x | x | x |
| 82 | Z9-6SL-2500-DTC | ✓ | x | x | x |
| 83 | Z9-6SL-250X | ✓ | x | x | x |
| 84 | Z9-6ST-3200-DTC | ✓ | x | x | x |
| 85 | Z9-6ST-320X | ✓ | x | x | x |
| 86 | Z12-6MU-40X-DC | x | ✓ | ✓ | ✓ |
| 87 | Z12-6MU-40X | x | ✓ | ✓ | ✓ |
| 88 | Z12-4MK-35X | x | ✓ | ✓ | x |
| 89 | Z12-6MI-40X | x | ✓ | ✓ | x |
| 90 | Z9-6TA-150X SUB | ✓ | x | x | x |
| 91 | Z9-6TH-200X SUB | ✓ | x | x | x |
| 92 | Z12-6TJ-250X SUB | x | x | x | ✓ |
| 93 | Z12-6TJW-250E SUB | x | x | x | ✓ |
| 94 | Z12-6TKW-300E SUB | x | x | x | ✓ |

| Nomenclature | Option |
|--------------|--|
| -B | Standard |
| F01 | Filter drier & sight glass |
| F02 | Filter drier, sight glass & oil separator |
| F03 | Filter drier, sight glass, oil separator & suction accumulator |

Additional application guidelines

Vibrasorber

Wherever Vibrasorber is used please ensure that this is connected in parallel to compressor crankshaft. Connecting in other orientations could restrict the compressor movement and might lead to increased vibration and leakage.

Condensing unit on rubber pads

Please ensure that the condensing units are mounted on the rubber pads and not mounted directly on the concrete platform or welded directly on any frame.

Auto cycling HP cutout

As our condensing units are provided with Auto reset HP cutout, please ensure that the controller used in the system counts number of trips through HP within the span of time and if this exceeds the limit, the controller needs to trip the system to safe guard the compressor. Frequent cycling also leads to oil getting pumped out of the compressor and not sufficient time given for the oil to return back and this might lead to lubrication failure.

Continuous pump down cycle

Wherever Pump down cycle is provided, please ensure that this is of one time pump down cycle. In case of continuous pump down, any minor leakage in the liquid line solenoid valve or system with larger refrigerant charge might lead to frequent cycling of compressor during thermostat OFF cycle.

HP / LP cutout adjustment

Our HP / LP cutout is with the factory preset values. Please ensure that these are adjusted as per the application requirement. The adjustment stopper needs to be removed before the adjustment and to be fitted back in to the cutout for proper operation of the cutouts.

Compressor spring adjustment

Please remove the transportation clamps and adjust the mounting spring height before starting up the condensing unit.

Contact list

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