# Did you know?



## Update "Controls Navigator" Revision 2019

For years, Emerson has provided a component selection program, the "Control Navigator", for convenient and quick selection and dimensioning. Now, this software has been revised and updated by 04/2019. The selection program is based on <u>Microsoft Excel</u> and can be downloaded from the <u>Emerson website</u> (https://climate.emerson.com/en-gb/tools-resources/controls-navigator).

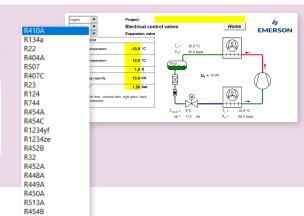


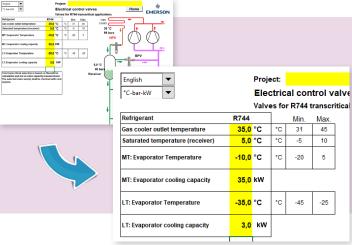
### Refrigerant selection

New refrigerants - especially some A2L- have now been added to the currently available ones:

**A1:** R744, R410A, R134a, R22, R404A, R507, R407C, R23, R124, R448A, R449A, R450A, R513A, **R452A**\*

\*) new refrigerants





#### CO<sub>2</sub> Selection

The  $CO_2$  valve calculation has been revised to allow a more precise selection/calculation of gas cooler and medium pressure valves. The calculation now also considers the cooling capacity in the normal refrigeration and freezing ranges. Also new is the selection of high pressure and bypass valves for  $CO_2$  booster transcritical system.

# I E W

#### **Adapter Oil Management System**

The compressor models from manufacturers such as Bitzer, Copeland, Danfoss and Dorin have been updated in the function of the "Electronic Oil Level Control System". The latest compressor models are now also available for adapter selection.

anl	7	Electronic oil level management systems  Home				EMERSON.	
	CONTRACTOR OF THE PARTY OF THE	ompressor manufacturer	Selection range	Compressor model	Suc pres	tion Max. working pressure (PS)	
		opeland 🔻	AMTL — 6TA	▼ Juni	90	bar 135 bar	
			Delay	Туре	Part	No. Max. working pressure (PS)	
ı				0	805	231 130 bor	
Project:				0	805	230 130 bor	
Electronic oil level management systems							
					O2 805		
Home					AC 801		
					805	151	
English 🔻					1		
Compressor manufacturer	Selection range		Compressor model				
Copeland	4MTL 6TA	▼	4MTL	▼.			

