iPro Discharge Air Controller (DAC)

Sensor Calibration Offsets in E2

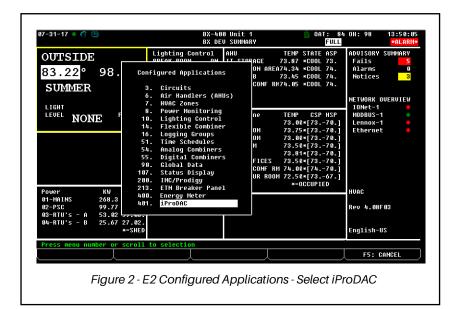
Sensor Calibration

To verify that sensor readings are accurate, calibration of sensors may be required. Sensor performance can be improved by limiting the differences between a sensor's expected output and its actual output. Once the sensor differential has been determined, enter the offset value into the appropriate offset parameter field to calibrate the sensor. There are three ways to edit the application.



E2 Steps

- 1. From the E2 Main Menu (select **5 Configured Applications** (*Figure 2*).
- 2. Select iProDAC from the list the iProDAC Status screen will open (Figure 3).





	BX-400 Unit 1 iProDAC	n OAT: 84 Full	OH: 98 13:51:06 *ALARM*
Pro Dac NAME: RTU 6A Ctrl Temp:73.4	Comm Status: Online Address : 7 Assoc Zone : TEST GRO FAN Fan: ON	OA DAMPER Var Damper: Ø 2Pos Damper: OFF	ADUISORY SUMMARY Fails <mark>5</mark> Alarms 0 Notices <mark>3</mark>
[73.0/09.9] Season : SUHWER Occupancy : OCC Space Temp 1: 73.40 2: NONE Operation Mode : Cooling Zone Temp : 73.40 Space Hunidity : NONE Space Deupoint : NONE Supply Temp : 53.96 Return Temp : 71.96 Mixed Air Temp : 83.48	US %: 100.00 Inverter Alarn: OFF HEAT Primary Stage 1: OFF Secondary	Hinimum Pos DEHUM_ Inside RH NONE [70.0] Dehum Active: OFF Coil Temp : NONE COOL	NETWORK OVERUIEW IDNet-1 NDDBUS-1 Lennox-1 Ethernet HVAC Rev 4.08F03
ress enter for a list of action	s.		English-US

- Press F5 SETUP to access the iProDAC Setup screen (*Figure 4*).
 Press Ctrl + 0 and select F Sensor Offsets or press F2 to access the C0: MORE tab and scroll through the tabs to access Sensor Offsets (*Figure 5*):

C1:	General C2: S	pace Setpt C3:	Inputs (4: Dehum	C5: OA Damper	ADVISORY SUMMARY
C6:	Fan C7:C	ool Setup C8:	Heat Setup (9: Alarms	CO: MORE	Fails 5
		Alarms Ø				
	0	Notices 3				
	General Revision	Value				
	Device Name	ADDITIONAL	TOPS			NETWORK OVERVIEW
	Long Name	A Phys				IONet-1
	Device Address	B Sensor				MODBUS-1 🔷
	Route	C Output	is			Lennox-1 🔶
	App Type	D Local				Ethernet 🔶
	Cool Stages Heat Pri Stages	E Unit				
	Heat PP1 Stages	F Sensor	• Offsets			
	Refrig Type					
	CtrlTempSource	Press desi	ed selection			
	CtrlTempFallBk	:				
	Occ Bypass Time	0:30:00				
	Desc File Rev	: 18.0				HVAC
						Rev 4.08F03
						Ne0 4.00/03
						English-US
						F5: CANCEL
			_\			F5: CHNCEL

5. Enter the appropriate offset values (Figure 5):

C1: Ge	neral	62:	Snaci	- Setnt	C3:	Inputs	64	Dehum	65	: NA	Damper	0.01	TCODU	SUMMA	DU
C6: Fa						Heat Set): MO			ils	SOHIN	5
						AC: RTU							arms		6
_											_	No	tices		3
	ensor Offs			Value											
	oaceTempO f			_ 0.2											
	ıpp1yTemp0				5									JVERVI	ΕW
	eturnTemp0	ffst			5								INet-1		
	TOFFst				5								IDBUS-		
	xedTempOf				5								nnox-		
	sideRHOff				5							Et	herne		
	ıtsideRHOf	fst			5										
)20ffst				5										
	ictPressOf				9										
	ictPress10				5										
	ictPress20				5										
	aceTemp20				5										
Co	oilTempOff	st			5										
												HVF	l.		
												Reu	4.08	03	
												Eng	lish-	JS	
Enter	-5.04 to	5.04	DDF	Space	Тел	perature	Sensor	Offset							
F1:	: PREV TAB F2: NEXT		TAB		F3: EDIT F4: STATUS					F5: (ANCEL				
		5.04							F	4: ST	ATUS		F5: (ANCEL	

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