

Temperature and Liquid Level Controls

Aquaculture and Non-Indicating Controls

Controls for Aquaculture heaters

Temperature Control Benefits

- Provide precise control for consistent temperatures in all applications
- Vapor resistant enclosures
- Custom configurations with digital timers and liquid level controls available

EASYPLUG™ DIGITAL THERMOSTATS

VOLTS	MAX. AMPS	MODEL NUMBER	SENSOR LENGTH (INCLUDED)	TEMP. RANGE	REPLACEMENT SENSOR P/N (VINYL SLEEVED)	SHIP WGT. Lbs./(kg)
120	15	T-DRAE15-1	8' (2.4 m)	-30°-220°F (-34°-104°C)	DRA-8L	3 (1.4)
240	8	T-DRAE8-2	8' (2.4 m)	-30°-220°F (-34°-104°C)	DRA-8L	3 (1.4)



AQUACULTURE DIGITAL THERMOSTATS

VOLTS	MAX. AMPS	MODEL NUMBER	SENSOR LENGTH (INCLUDED)	TEMP. RANGE	REPLACEMENT SENSOR P/N	SHIP WGT. Lbs./(kg)
120	15	T-DRA15-1	8' (2.4m)	-30°- 220°F	DRA-8L	3 (1.5)
240	8	T-DRA8-2	8' (2.4m)	(-34°- 104°C)	DRA-8L	3 (1.5)



AQUACULTURE B-DRA SERIES, DIGITAL CONTROLS

VOLTS	MAX. AMPS	MODEL NUMBER (WITH TRANSFORMER)	REPLACEMENT SENSOR P/N	SHIP WGT. Lbs./(kg)
120	30	B-DRA301	DRA-8L	15 (6.8)
240	30	B-DRA302	DRA-8L	15 (6.8)

AQUACULTURE C-DRA SERIES, DIGITAL COMBINATION CONTROLS

VOLTS	MAX. AMPS	MODEL NUMBER (WITH TRANSFORMER)	REPLACEMENT SENSOR P/N	SHIP WGT. Lbs./(kg)
240	20	C-DRA202	DRA-8L	15 (6.8)
240	40	C-DRA402	DRA-8L	16 (7.3)



For complete information on the Aquaculture Series, Temperature controls, click on the link or scan the QR code. <https://www.processstechnology.com/Controllers-Product-Overview.html>

Temperature and Liquid Level Controls

Single Set Point Controls

Easy Non-Indicating Controls and ProTouch offers data trends and alarm logging



For complete information on the NR Series, Non-indicating controls, click on the link or scan the QR code. <https://www.processtechnology.com/Controllers-Product-Overview.html>

T-NR SERIES, NON-INDICATING THERMOSTATS

MODEL NUMBER	VOLTS	MAX. AMPS	TEMP. RANGE	SENSOR LENGTH Ft/(m)	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
T-NR12	120/240	12	30-220°F	5' (1.5m)	NR25-5L	3 (1.5)
T-NR12-12	120/240	12	30-220°F	12' (3.7m)	NR25-12L	3 (1.5)
T-NR12H	120/240	12	200-550°F	5' (1.5m)	NR25H-5L	3 (1.5)

B-NR SERIES, NON-INDICATING CONTROLS

MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. SENSOR P/N	SHIP WGT. lbs/(kg)
B-NR301	120	30	PRD-30-1	NR25-5L	15
B-NR302	240	30	PRD-30-2	NR25-5L	(6.8)

C-NR SERIES, NON-INDICATING COMBINATION CONTROLS

MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. TRANS.	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
C-NR202	240	20	AHD-20-1	HDD50 2/1	NR25-5L	15
C-NR204	480	20	AHD-20-1	HDD50 4/1	NR25-5L	(6.8)
C-NR402	240	40	AHD-40-1	HDD50 2/1	NR25-5L	16
C-NR404	480	40	AHD-40-1	HDD50 4/1	NR25-5L	(7.3)
C-NR802	240	80	AHD-80-1	HD100 2/1	NR25-5L	24
C-NR804	480	80	AHD-80-1	HD100 4/1	NR25-5L	(10.9)
C-NR1252	240	125	AHD-125-1	HDD300 2/1	NR25-5L	32
C-NR1254	480	125	AHD-125-1	HDD300 4/1	NR25-5L	(14.5)

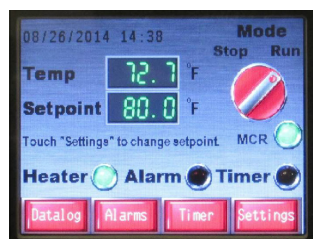
Controls



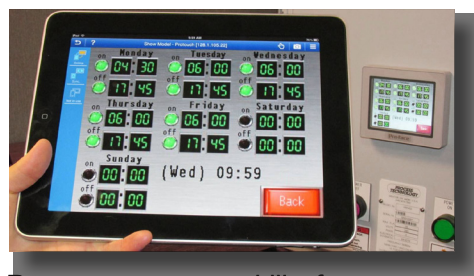
HMI SERIES, DIGITAL COMBINATION CONTROLS

MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. SENSOR P/N	SHIP WT. Lbs./(kg)
HMI402	240	40	AH-40-24	RTD1000	16
HMI404	480	40		RTD1000	(7.3)
HMI802	240	80	AH-80-24	RTD1000	23
HMI804	480	80		RTD1000	(10.4)
HMI1252	240	125	AH-125-24	RTD1000	27
HMI1254	480	125		RTD1000	(12.2)

For complete information on the HMI Series, ProTouch Control, click on the link or scan the QR code. <https://www.processtechnology.com/ProTouch.html>



Clear, easy to read, touch screen control



Remote access capability from tablet, smart phone or computer.

Temperature and Liquid Level Controls

Single Set Point Digital Controls

Precise, single set point controls

T-DE SERIES, 1/8 DIN DIGITAL THERMOSTATS

MODEL NUMBER	VOLTS	MAX. AMPS	TEMP. RANGE	SENSOR LENGTH Ft/(m)	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
T-DE20	85-265	20	0-500°F (0-260°C)	10' (3m)	RTD1000	3 (1.4)

B-DE SERIES, DIGITAL CONTROLS

MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
B-DE301	120	30	PRD-30-1	RTD1000	16
B-DE302	240	30	PRD-30-2	RTD1000	(7.3)

C-DE SERIES, DIGITAL COMBINATION CONTROLS

MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. TRANS.	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
C-DE202	240	20	AHD-20-1	HDD50 2-4/1	RTD1000	16
C-DE204	480	20	AHD-20-1	HDD50 2-4/1	RTD1000	(7.3)
C-DE402	240	40	AHD-40-1	HDD50 2-4/1	RTD1000	17
C-DE404	480	40	AHD-40-1	HDD50 2-4/1	RTD1000	(7.7)
C-DE802	240	80	AHD-80-1	HD100 2-4/1	RTD1000	25
C-DE804	480	80	AHD-80-1	HD100 2-4/1	RTD1000	(11.3)
C-DE1252	240	125	AHD-125-1	HDD300 2-4/1	RTD1000	33
C-DE1254	480	125	AHD-125-1	HDD300 2-4/1	RTD1000	(15)

DLC SERIES, DIGITAL THERMOSTATS

MODEL NUMBER	VOLTS	MAX. AMPS	TEMP. RANGE	SENSOR LENGTH Ft/(m)	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
T-DLC16-1	120	16	-58-302°F (-50-150°C)	10' (3m)	DLC-10L	3 (1.4)
T-DLC16-2	240	16	-58-302°F (-50-150°C)	10' (3m)	DLC-10L	3 (1.4)

B-DLC SERIES, DIGITAL CONTROLS

MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
B-DLC301	120	30	PRD-30-1	DLC-10L	16
B-DLC302	240	30	PRD-30-2	DLC-10L	(7.3)

C-DLC SERIES, DIGITAL COMBINATION CONTROLS

MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. TRANS.	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
C-DLC202	240	20	AHD-20-1	HDD50 2-4/1	DLC-10L	16
C-DLC204	480	20	AHD-20-1	HDD50 2-4/1	DLC-10L	(7.3)
C-DLC402	240	40	AHD-50-1	HDD50 2-4/1	DLC-10L	17
C-DLC404	480	40	AHD-50-1	HDD50 2-4/1	DLC-10L	(7.7)
C-DLC802	240	80	AHD-80-1	HD100 2-4/1	DLC-10L	25
C-DLC804	480	80	AHD-80-1	HD100 2-4/1	DLC-10L	(11.3)
C-DLC1252	240	125	AHD-125-1	HDD300 2-4/1	DLC-10L	33
C-DLC1254	480	125	AHD-125-1	HDD300 2-4/1	DLC-10L	(15)



For complete information on the DE Series, Temperature controls, click on the link or scan the QR code. <https://www.processtechnology.com/Controllers-Product-Overview.html>



For complete information on the DLC Series, Temperature Controls, click on the link or scan the QR code. <https://www.processtechnology.com/Controllers-Product-Overview.html>

Temperature and Liquid Level Controls

Dual Set Point Digital Controls

Heat and cool with our dual set point controls



T-DQ SERIES, 1/4 DIN DIGITAL THERMOSTATS

MODEL NUMBER	VOLTS	MAX. AMPS	TEMP. RANGE	SENSOR LENGTH Ft/(m)	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
T-DQ15D	100-240 +/- 10%	15	40-999°F (-40-538°C)	10' (3m)	RTD1000	3 (1.4)

B-DQ SERIES, DIGITAL CONTROLS

MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
B-DQ301	120	30	PRD-30-1	RTD1000	16
B-DQ302	240	30	PRD-30-2	RTD1000	(7.3)

C-DQ SERIES, DIGITAL COMBINATION CONTROLS

MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. TRANS.	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
C-DQ202	240	20	AHD-20-1	HDD50 2/1	RTD1000	16
C-DQ204	480	20	AHD-20-1	HDD50 4/1	RTD1000	(7.3)
C-DQ402	240	40	AHD-40-1	HDD50 2/1	RTD1000	17
C-DQ404	480	40	AHD-40-1	HDD50 4/1	RTD1000	(7.7)
C-DQ802	240	80	AHD-80-1	HD100 2/1	RTD1000	25
C-DQ804	480	80	AHD-80-1	HD100 4/1	RTD1000	(11.3)
C-DQ1252	240	125	AHD-125-1	HDD300 2/1	RTD1000	33
C-DQ1254	480	125	AHD-125-1	HDD300 4/1	RTD1000	(15)

For complete information on the DQ Series, Temperature controls, click on the link or scan the QR code. <https://www.processtechnology.com/Controllers-Product-Overview.html>



T-DSL SERIES, 1/16 DIN DIGITAL THERMOSTATS

MODEL NUMBER	VOLTS	MAX. AMPS	TEMP. RANGE	SENSOR LENGTH Ft/(m)	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
T-DSL3	85-265	3	-100-500°F (-73-260°C)	10' (3 m)	RTD1000	2 (1)

B-DSL SERIES, DIGITAL CONTROLS

CONTROL MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
B-DSL301	120	30	PRD-30-1	RTD1000	16
B-DSL302	240	30	PRD-30-2	RTD1000	(7.3)

C-DSL SERIES, DIGITAL COMBINATION CONTROLS

CONTROL MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. TRANS. P/N	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
C-DSL202	240	20	AHD-20-1	HDD50 2/1	RTD1000	16
C-DSL204	480	20	AHD-20-1	HDD50 4/1	RTD1000	(7.3)
C-DSL402	240	40	AHD-40-1	HDD50 2/1	RTD1000	17
C-DSL404	480	40	AHD-40-1	HDD50 4/1	RTD1000	(7.7)
C-DSL802	240	80	AHD-80-1	HD100 2/1	RTD1000	25
C-DSL804	480	80	AHD-80-1	HD100 4/1	RTD1000	(11.3)
C-DSL1252	240	125	AHD-125-1	HDD300 2/1	RTD1000	33
C-DSL1254	480	125	AHD-125-1	HDD300 4/1	RTD1000	(15)

For complete information on the DSL Series, Temperature controls, click on the link or scan the QR code. <https://www.processtechnology.com/Controllers-Product-Overview.html>



Temperature and Liquid Level Controls

Conductive and Capacitive Liquid Level Controls

Increase your process safety by adding liquid level controls

Liquid Level Control Benefits

- Liquid level controls add protection against fires and tank damage associated with low-level conditions.
- Low level events may trip high-temperature safety devices, cause heater burn out, or create fire hazards. Shutting off electric immersion heaters can save the expense of replacement over-temperature safety devices and/or replacement heaters and can eliminate the risk of fire loss.

LC SERIES CONDUCTIVE LIQUID LEVEL CONTROL

SINGLE LEVEL CONTROL		TWO LEVEL CONTROL		SHIPPING	WITH CONTROL(CHOOSE ONE)		
2 PROBES		3 PROBES	PROBE ONLY	PROBE WITH LCB	ELECTRONICS IN ENCLOSURE	REPLACEMENT LEVEL BOARD ONLY	LEVEL SWITCH INSTALLED IN CONTROL
MODEL NUMBER	PROBE LENGTH (FIELD TRIM) IN. / (mm)	MODEL NUMBER	SHIP WT. LBS. / (kg)	(SEE BELOW FOR LCB INFO) SHIP WT. LBS. / (kg)	LEVEL SWITCH MOUNTED IN PLASTIC ENCLOSURE	REPLACEMENT LEVEL SWITCH CIRCUIT BOARD ONLY	LEVEL SWITCH INSTALLED IN CONTROL ADD -LCA1 TO MODEL #
LP-2(*) 6	6 (152)	LP-3(*) 6	3 (1.4)	5 (2.3)	LCBA1	LC	LCA1
LP-2(*) 12	12 (305)	LP-3(*) 12	3 (1.4)	5 (2.3)			
LP-2(*) 18	18 (457)	LP-3(*) 18	4 (1.8)	6 (2.7)			
LP-2(*) 24	24 (610)	LP-3(*) 24	6 (2.7)	7 (3.2)			
LP-2(*) 30	30 (762)	LP-3(*) 30	7 (3.2)	8 (3.6)			
LP-2(*) 36	36 (914)	LP-3(*) 36	8 (3.6)	9 (4.1)			
LP-2(*) 48	48 (1219)	LP-3(*) 48	9 (4.1)	11 (5)			



Controls

For complete information on the LC Series, Conductive liquid level control, click on the link or scan the QR code. <https://www.processtechnology.com/LLC.html>

ESP SERIES, CAPACITIVE TYPE LIQUID LEVEL CONTROLS

MODEL NUMBER	VOLTS	CONTACTS	MAX. LOAD	MAX. AMB. TEMP.	SHIP WT. LBS. / (kg)
ESP	20-250	Field Selectable	500 MA	176° F (80° C)	1 (.45)



For complete information on the ESP Series, capacitive liquid level control, click on the link or scan the QR code. <https://www.processtechnology.com/ESP.html>

Accessories

Control Accessories

Digital timers, amp hour meters and thermowells

DTS SERIES, DIGITAL TIMERS

MODEL NUMBER	VOLTAGE	SWITCHING CAPACITY	SHIP WGT. Lbs./(kg)
DTS-1	120	20A	1 (.5)



For complete information on the DTS Series, Digital timer, click on the link or scan the QR code. <https://www.processtechnology.com/DTS.html>

AHM SERIES, AMP-HOUR METERS

MODEL NUMBER	VOLTS	MAX. RECTIFIER AMP. RATING	SHUNT SIZES	SHIP WGT. Lbs./(kg)
AHM	80-240	10 through 30000	50 through 150 mV	3 (1.4)



For complete information on the AHM Series, Amp hour meter, click on the link or scan the QR code. <https://www.processtechnology.com/AHM.html>

W SERIES, THERMOWELLS

OVER THE SIDE WELLS					
THERMOWELL MATERIAL	DIA.	MODEL NO. 12" LENGTH (305mm)	MODEL NO. 24" LENGTH (610mm)	MODEL NO. 36" LENGTH (915mm)	SHIP WGT. Lbs./(kg)
Quartz	1/2"	WQ12	WQ24	WQ36	2 (1)
304 SS	1/2"	WF12	WF24	WF36	2 (1)
316 SS	1/2"	WS12	WS24	WS36	2 (1)
Titanium	1/2"	WT12	WT24	WT36	2 (1)
Fluoropolymer (FEP)	1/2"	WX12	WX24	WX36	2 (1)
1/2" NPT THREADED WELLS					
304 SS	1/2"	WFT12	WFT24	WFT36	2 (1)
316 SS	1/2"	WST12	WST24	WST36	2 (1)
Titanium	1/2"	WTT12	WTT24	WTT36	2 (1)
Fluoropolymer (FEP)	1/2"	WXT12	WXT24	WXT36	2 (1)



For complete information on the W Series, Thermowell, click on the link or scan the QR code. <https://www.processtechnology.com/Thermowell.html>