

	Units	PSC 1200	PSC 2400	PSC 4400
<b>INPUT POWER</b>				
Source Voltage	VAC	208VAC Nom. 3-phase, 4-wire (delta)	208VAC Nom. 3-phase, 4-wire (delta)	208VAC Nom. 3-phase, 4-wire (delta)
Source Frequency	Hz	50/60	50/60	50/60
Source Current	A	20	30	35
Max Power Consumption	kW	4.2	8.4	12.6
Ampere Interrupt Capacity	A	5000	5000	5000
<b>OUTPUT POWER</b>				
Regulation Mode		Closed loop voltage regulation to achieve temperature setpoint utilizing an externally supplied RTD temperature input as feedback.	Closed loop voltage regulation to achieve temperature setpoint utilizing an externally supplied RTD temperature input as feedback.	Closed loop voltage regulation to achieve temperature setpoint utilizing an externally supplied RTD temperature input as feedback.
TE Max Output Voltage	VDC	250	250	250
TE Max Output Current	A	17.5 (max)	35 (max)	52.5 (max)
Pump motor Output Voltage	VDC	48	48	48
Pump motor Max Output Current	A	6(max)	6 (max)	6(max)
<b>USER INTERFACE</b>				
Front Panel Indicators		Status LEDs: Heat, Cool, Pump, and Idle 2-line Alphanumeric VFD display Audible alarm indicator	Status LEDs: Heat, Cool, Pump, and Idle 2-line Alphanumeric VFD display Audible alarm indicator	Status LEDs: Heat, Cool, Pump, and Idle 2-line Alphanumeric VFD display Audible alarm indicator
Front Panel Switches and Controls		Keypad buttons: Start/Stop, Alarm Silence, Remote/Local, Change Setpoint, Yes/↑, No/↓, Back/←, Enter/→	Keypad buttons: Start/Stop, Alarm Silence, Remote/Local, Change Setpoint, Yes/↑, No/↓, Back/←, Enter/→	Keypad buttons: Start/Stop, Alarm Silence, Remote/Local, Change Setpoint, Yes/↑, No/↓, Back/←, Enter/→
		EMO: Red EMO button, recessed. Bypass circuit to provide the option of not using the EMO.	EMO: Red EMO button, recessed. Bypass circuit to provide the option of not using the EMO.	EMO: Red EMO button, recessed. Bypass circuit to provide the option of not using the EMO.
<b>ELECTRONIC INTERFACE</b>				
RTDs, Fill Sensor, Overtemperature switches, TE and Pump Power, RS 485 interface		Power and Signal Cable to POU, Communication cable to host tool or Remote Communication Module	Power and Signal Cable to POU, Communication cable to host tool or Remote Communication Module	Power and Signal Cable to POU, Communication cable to host tool or Remote Communication Module
<b>MECHANICAL</b>				
Unit dimensions (w x d x h)	in [mm]	19 x 26 x 3.5 [482.6 x 660.4 x 88.9]	19 x 26 x 3.5 [482.6 x 660.4 x 88.9]	19 x 26 x 3.5 [482.6 x 660.4 x 88.9]
Handles		Dual handles, front	Dual handles, front	Dual handles, front
Weight	lb [kg]	28.7 [13]	37.5 [17]	44.1 [20]
<b>ENVIRONMENTAL</b>				
Ambient temperature	°C	5 to 40	5 to 40	5 to 40
Relative humidity		maximal 80 % at 31°C	maximal 80 % at 31°C	maximal 80 % at 31°C
Operational area		for internal use; altitude up to 2000 m	for internal use; altitude up to 2000 m	for internal use; altitude up to 2000 m
Overvoltage category		Category II	Category II	Category II
Pollution degree		Degree 2	Degree 2	Degree 2
Degree of protection		IP2X	IP2X	IP2X
<b>QUALITY</b>				
CE marking		yes	yes	yes
SEMI S2 Certification		yes	yes	yes
SEMI F47 Certification		yes	yes	yes
ISO 9000 (2015)		yes	yes	yes
<b>SAFETY</b>				
Safety Class		Conforms to UL 61010-1	Conforms to UL 61010-1	Conforms to UL 61010-1