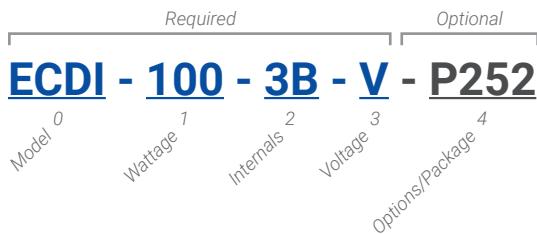




Configuration

Options in the example are **highlighted** below.



Configuration Options

0. Model

*See wattage, internals, and voltage compatibility.

DI Aquarius Standard flow thru without pump or valve	DI
DI Aquarius-ECO Internal recirculation with pump and valve	ECDI

1. Wattages	
40 kW	40
80 kW	80
100 kW	100
120 kW	120
140 kW	140
160 kW	160
200 kW	200
225 kW	225

2. Internals	
110 mm dia. modules 3/4-in Tube plumbing 3/4-in FNPT I/O fittings	2A
160 mm dia. modules 32 mm Pipe plumbing 1-in FNPT I/O fittings	3B
160 mm modules 40 mm Pipe Plumbing 40 mm BCF I/O fittings	3G

3. Voltages	
208 VAC, 3-PH	N
220 VAC, 3-PH	O
380 VAC, 3-PH	R
400 VAC, 3-PH	W
415 VAC, 3-PH	S
440 VAC, 3-PH	T
480 VAC, 3-PH	V

*More wattage and voltage options available at request.



Wattage, Internals, and Voltage
Compatibility in DI (✓) and ECDI (✓)

Internals	kW	Volts							Cabinet Widths (in.)
		N	O	R	W	S	T	V	
2A	40	✓	✓	✓	✓	✓	✓	✓	24
	80	✓	✓	✓	✓	✓	✓	✓	24
	100	✓	✓	✓	✓	✓	✓	✓	32
	120	✓	✓	✓	✓	✓	✓	✓	32
	140	-	-	✓	✓	✓	✓	✓	39
	160	-	-	✓	✓	✓	✓	✓	39
	200	-	-	✓	✓	✓	✓	✓	39
	225	-	-	-	-	-	-	✓	39

*Cabinet Heights: 77 1/4-in,

*Cabinet Depths: 23 13/16-in

4. Options Or Package

Add options sequentially, e.g. "4A - 5A".

Use Package when more than two options are desired, e.g. "4A - 5A - 25" = "P238".

More options and packages are available at request.

Options	
01	Auto-purge
02	Resistivity sensor
4A	Leak sensor (signal only)
5A	Discrete communication with 25-ft cable
6A	Analog communication with 25-ft cable
7A	Dry contact communication with 25-ft cable
11	Lock-out tag-out fusible disconnect connected to back of unit
25	Encapsulated ground wire

Package	Options				
P238	4A	5A	25	-	-
P239	4A	6A	25	-	-
P240	4A	7A	25	-	-
P241	4A	11	25	-	-
P242	5A	6A	25	-	-
P243	5A	7A	25	-	-
P244	5A	11	25	-	-
P245	6A	7A	25	-	-
P246	6A	11	25	-	-
P247	7A	11	25	-	-
P248	4A	5A	6A	25	-
P249	4A	5A	7A	25	-
P250	4A	5A	11	25	-
P251	4A	6A	7A	25	-
P252	4A	6A	11	25	-
P253	4A	7A	11	25	-
P254	5A	6A	7A	25	-
P255	5A	6A	11	25	-
P256	6A	7A	11	25	-
P257	4A	5A	6A	7A	25
P258	4A	5A	6A	11	25
P259	4A	5A	7A	11	25
P260	4A	6A	7A	11	25
P261	5A	6A	7A	11	25
P262	4A	5A	6A	7A	11

Standard Communications:

Ethernet (read/write) with 25-ft cable

Standard Safeties:

- Over-temperature safety interlocks
- Ground wire safety interlock
- Ground fault circuit interrupter
- Built-in safety PLC
- Liquid-level safety interlock
- High-pressure safety interlock
- Minimum flow safety interlock
- Process high-limit safety interlock
- Sensor failure/disconnect safety interlock
- Emergency-off button safety interlock
- Thermal cut-off protection on each heating module
- Door safety interlock
- Audio buzzer
- Power-to-flow® plus control safety interlock

Additional Configuration Example:

Configuration	Model	Wattage	Internals	Voltage	Options / Package
DI-120-3B-S-4A-6A	DI - Standard flow thru without pump or valve	120 - 120 kW	3B - 160 mm dia. modules 32 mm Pipe plumbing 1-in FNPT I/O fittings	R - 380 VAC, 3-PH.	4A - Leak Detect (signal only) 6A - Analog communication with 25-ft cable





WHITE KNIGHT®

.....engineer approved™

Aquarius Ordering Instructions

Communication Interface Notes:

Discrete Communication Signals

- Remote EMO
- Remote Standby / Active
- Remote Alarm Reset
- Remote Purge (If Auto Purge Option selected)
- Purge Status (If Auto Purge Option selected)
- Critical Alarm Status
- Non-Critical Alarm Status
- Temperature Ready Dead Band Signal
- 25-ft Interface cable

Analog Communication Signals

- Remote Temperature Set Point (4-20mA = 0.0-95.0C) (Signal In)
- Process Temperature Retransmit (4-20mA = 0.0-100.0C) (Signal Out)
- Flow Rate Retransmit (4-20mA = dependent on plumbing size) (Signal Out)
- 25-ft Interface cable

Dry Contact Communication Signals

*All has signal inversion capability

- Active Mode
- Thermal Fuse Alarm
- High Limit Alarm
- Open Sensor Alarm
- Low Level Alarm
- High Temperature Alarm
- Low Temperature Alarm
- High Flow Alarm
- Low Flow Alarm
- High Pressure Alarm
- Low Pressure Alarm
- GFCI Alarm
- Temperature Ready Dead Band Signal
- Main Alarm (Critical and Non-Critical Alarm)
- Water Leak Alarm (If Water Leak Option selected)
- 25-ft Interface cable

