

INLINE DEIONIZED WATER HEATERS

PATENTED SEALING TECHNOLOGY

HIGH PURITY FLOW PATH

SERIES OR PARALLEL CONFIGURATION

NO PURGING REQUIRED



3-6 kW Heater

18 kW Heater



MAX TEMPERATURE
100 °C / 212 °F



MAX PRESSURE
80 PSI / .55 MPa



CERTIFICATIONS
CE, Semi S2



12 kW Heater

Heating modules may be combined to achieve desired capacity and plumbing.

Trebor's Inline Deionized Water Heaters utilize the same reliable and efficient heating technology featured in our deionized water and inline chemical heaters. Our thin film on quartz, electric resistive technology sets us apart from other heating technology because of the combination of a high purity fluid path, a quick ramp up time and crevice free design. This heater is well-suited as a plug and play option for a variety of applications and processes, especially with fluids that need to be heated quickly, and for point of use systems. The Inline Deionized Water Heater was designed to be a scalable solution for heating pure water in tight spaces, so plumbing and sizing can be customized for your system.

This is PURE INNOVATION.

HEATER OPTIONS

DIMENSIONS IN MILLIMETERS (IN.)

MODEL	IDA	Deionized Water Heater ≤100° C ≥ 2 LPM
	IDB	Deionized Water Heater ≤100° C ≤ 2 LPM
	IDH	Deionized Water Heater ≤100° C ≥ 2 LPM
CONFIGURATION	03V208S	3kW, 208 VAC, Single φ
	03V400Y	3kW, 400 VAC, 3 φ Wye
	04V208S	4kW, 208 VAC, Single φ
	04V400Y	4kW, 400 VAC, 3 φ Wye
	06V400S	6kW, 400 VAC, Single φ
	06V400D	6kW, 400 VAC, 3 φ Delta
	18V400D	18kW, 400 VAC, 3 φ Delta ** IDH Model Only
FLUID CONNECTION	F04	1/4" Flare
	F06	3/8" Flare ** IDH Model Only
	F08	1/2" Flare
	F12	3/4" Flare
	X04	1/4" Super 300 Pillar
	X08	1/2" Super 300 Pillar
	X12	3/4" Super 300 Pillar
LEAK SENSOR	A	N/O 24 vdc Conductive
	B	N/C 24 vdc Conductive
OVER-TEMP SAFETY SENSORS	A	J-Type T/C
	B	PT1000 (RTD)
	C	PT100 (RTD)

Example of an order number based on configuration options:

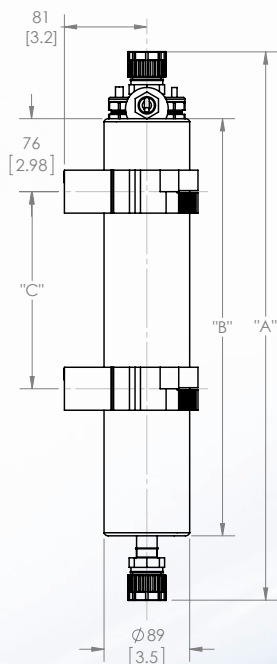
IDA 03V208S F12 A B

LIQUID LEVEL SENSORS

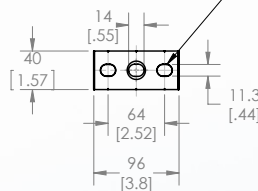
DP-L-51	Capacitive Clip On
DP-L-52	Optical Clip On

Optional Liquid Level Sensors
(Sold Separately)

3-6 kW Heater

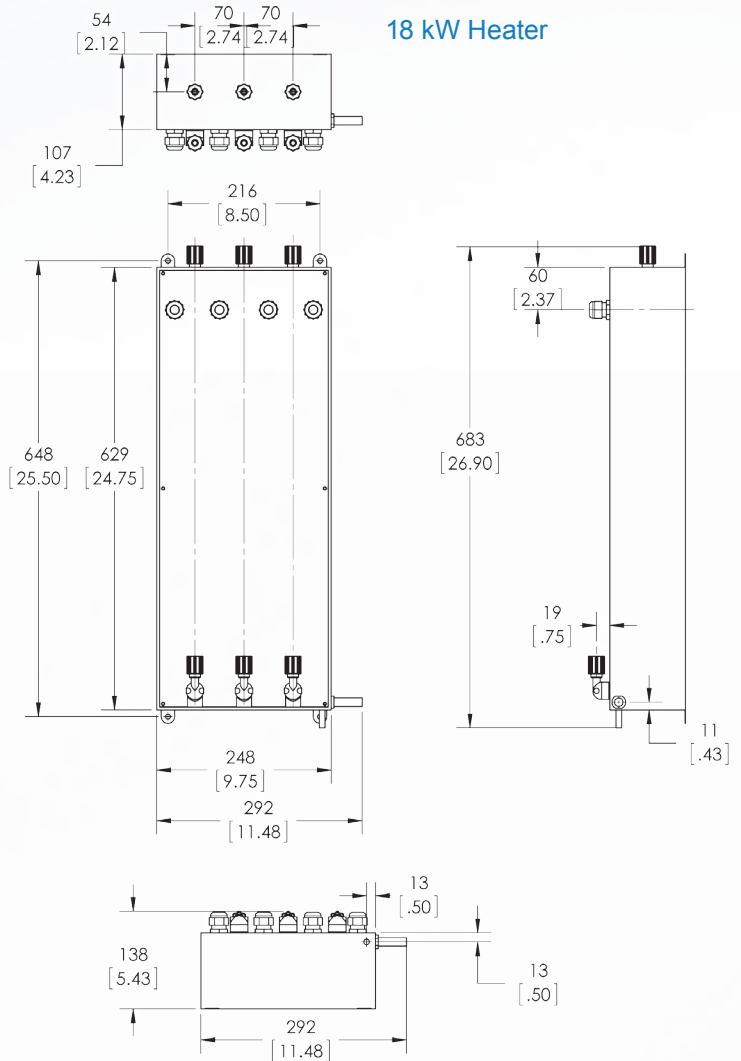


Use 2X \varnothing 8mm-12mm [3/8"-7/16"] bolts with washers to fixture each clamp to wall



	HEIGHT (mm [in])			WEIGHT (kg [lbs])
	"A"	"B"	"C"	
6kW	738 [29.0]	605 [23.8]	51-373 [2.0-14.7]	5.63 [12.4]
3kW & 4kW	569 [22.4]	433 [17.1]	51-203 [2.0-8.0]	4.26 [9.4]

18 kW Heater



Trebor uses virgin PTFE and PFA in all products...no re-processed material is allowed.

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