



Aquarius® reliability in a compact design, the Electra™ deionized water heating system is designed for those needs where space is at a premium. Mount it by your process tool or anywhere in your clean room. It handles low to moderate flows, and is easy to install and use. It is yet another example of “strength in technology - flexibility in design.”

BENEFITS:

Compact - Easy to Install
Reduced Thermal Shock and Drying Time
Cleaner Processed Parts with Hot Deionized Water
Hot Deionized Water on Demand, Where You Need It
Remote Control Operation

FEATURES:

Point of Use, One-Pass System
PVDF & PFA Wetted Surfaces
Models From 15 KW to 40 KW
Microprocessor-Based Temperature Controller
Flow Rates of 0.5 to 7.5 GPM
Designed to be CE and SEMI S2-93 Compliant

SAFETY INTERLOCKS TO HEATER POWER:

Heater Hi-Limit Thermocouple
Process Over-Temperature Thermocouple
Liquid Level Sensor

FACILITY DATA:

Power: 480 or 208 VAC, 3-Phase
(Overseas Voltages Available upon Request)
Input/Output: 3/4" FNPT
Dimensions: From 15 KW Models of 24"w x 26"h x 7"d
to 40 KW Models of 24"w x 36"h x 7"d
(See Chart for Specific Model Dimensions)

AVAILABLE OPTIONS:

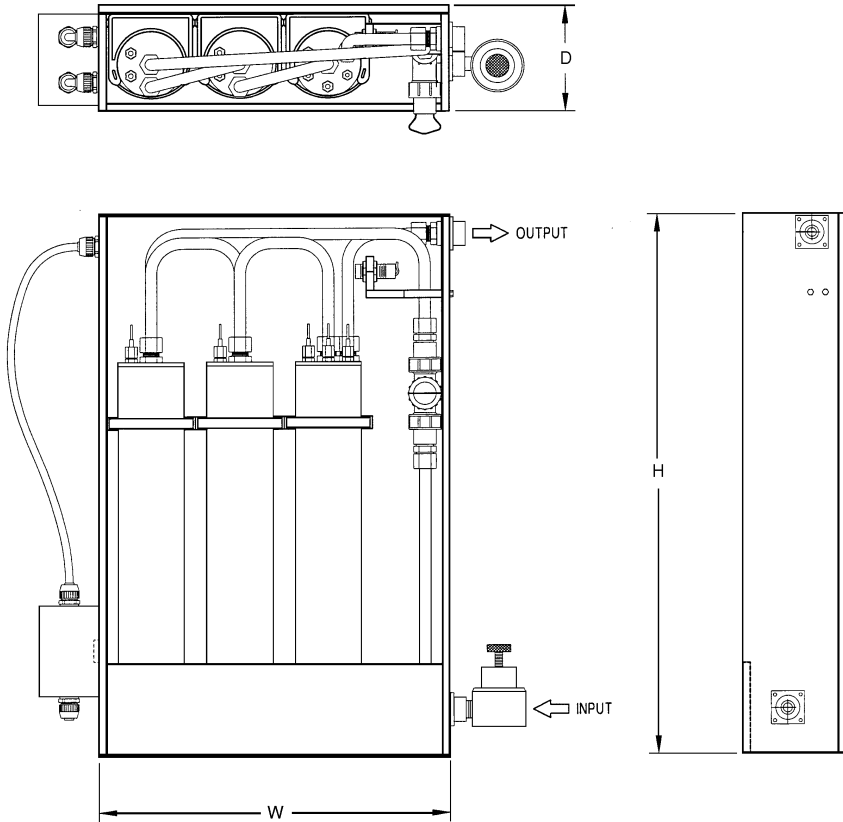
GFCI
Resistivity Sensor



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ELECTRA™ - ULTRA PURE DEIONIZED WATER HEATING SYSTEMS



STANDARD MODEL SPECIFICATIONS:

MODEL	KW
KDI915	15
KDI921	21
KDI927	27
KDI930	30
KDI936	36
KDI940	40

OPTIONS:

(NOTE: Add option number as suffix to model number.)

OPTION	DESCRIPTION
-D01	Restivity Sensor
-D11	GFCI

To determine your heater requirements, use the following formula:

$$KW = \frac{GPM \times \Delta T^{\circ}C}{3.79} \text{ (Assumes } 20^{\circ}C \text{ Ambient)}$$

MODEL NO.	KW	VOLTS	DIMENSIONS (H x W x D)
KDI915	15	208/480	26 x 24 x 7
KDI921	21	208/480	26 x 24 x 7
KDI927	27	208/480	36 x 24 x 7
KDI930	30	208/480	36 x 24 x 7
KDI936	36	208/480	36 x 24 x 7
KDI940	40	480	36 x 24 x 7