



THIS DOCUMENT AND SPECIFICATIONS ARE THE
PROPERTY OF RESYS INCORPORATED AND SHALL NOT BE REPRODUCED
OR DISSEMINATED BY ANYONE OTHER THAN A RESYS REPRESENTATIVE

ENGINEERING DATA SHEET: STAND ALONE DI WATER BOOSTER HEATER



*REsys Inc. 4560 Ridge Drive NE Salem, OR 97301 Toll Free: 800-873-7379 / 503-393-8000
www.resysinc.com*

STAND ALONE DI WATER BOOSTER HEATER

Applications:

In-line DI Water Heater takes facilities water and boosts the temperature to the process requirements. The capacity of the DI Water Heater is a function of the Kilowatt rating, flow rate, and incoming water temperature. Incoming water passes through the heating vessel, is heated by the elements and exits the vessel through a 1" output pipe to the process. The DI water passes through a series of controls to insure reliability, and safety.

Consult with a REsys Sales Engineer to assist in sizing the heater 800-873-7379 or customerservice@resysinc.com.

Standard Key Features:

- Stainless Steel Heating Vessel
- Over Temperature Protection
- High Pressure Protection
- In-Line Flow Switch
- Solid State Relays (Not 208/240 Volt Versions)
- UL Listed
- Digital Temperature Controller
- Lock Out / Tag Out Non-Fused Disconnect
- Output Pressure Gauge
- Stainless Steel Water Hammer Arrestor
- Integrated check valve to keep vessel full of water

Specifications:

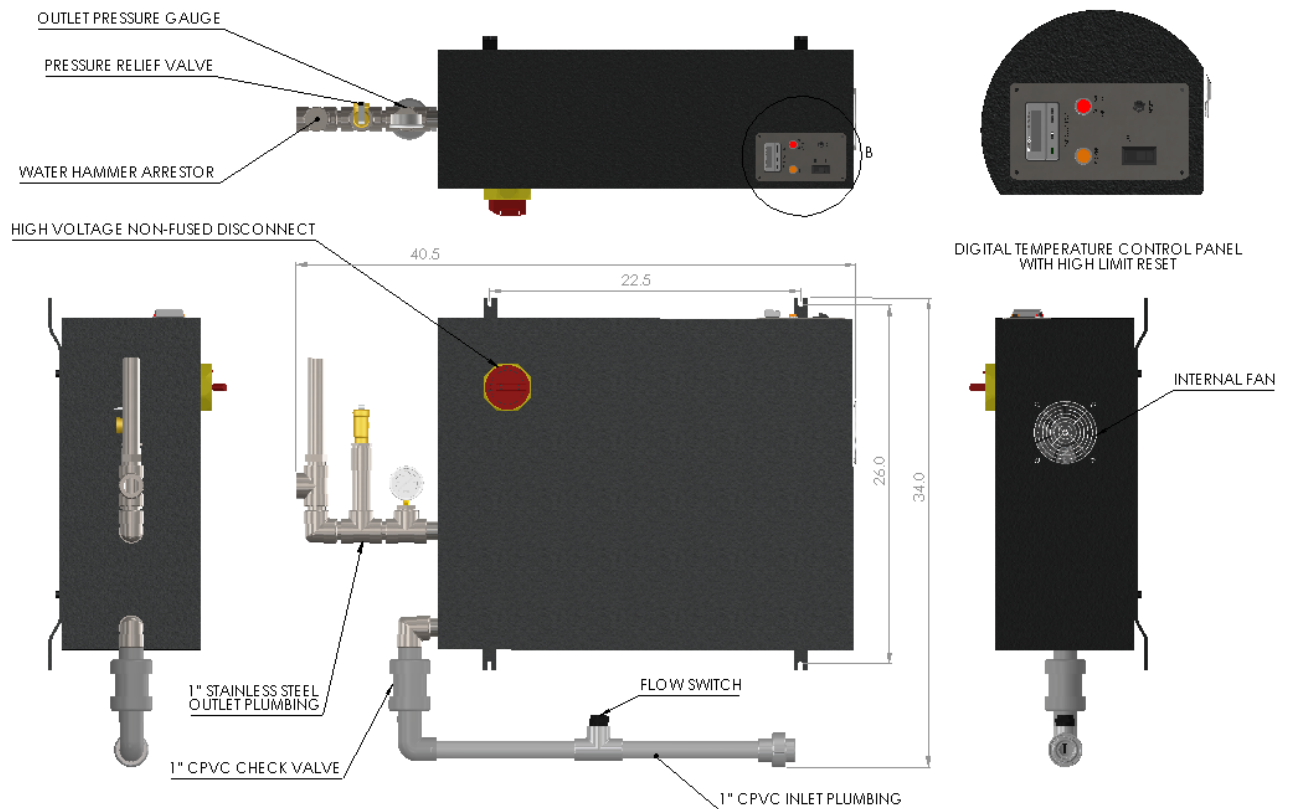
- Dimensions: 40" x 13" x 34"
- Capacity: 4 Gallons
- Power: Options Available (208V , 240V, 380V, 415V, 480V)
- Weight Dry: 150 lbs
- Weight Full: 190 lbs
- Shipping Weight: 300 lbs.
- Shipping Dimensions: 53.5" x 26.5" x 47"

POWER REQUIREMENTS CHART: (30, 45, AND 54 KW VERSIONS)

30 kW Heater:	480 Volt, 3 Phase, 60 Hertz, 36 amps (SFA: 45 amps)
	415 Volt, 3 Phase, 50 Hertz, 42 amps (SFA: 52 amps) (WYE Configuration)
	380 Volt, 3 Phase, 50 Hertz, 46 amps (SFA: 57 amps)
	240 Volt, 3 Phase, 60 Hertz, 72 amps (SFA: 90 amps)
	208 Volt, 3 Phase, 60 Hertz, 83 amps (SFA: 104 amps)

- 45 kW Heater:** 480 Volt, 3 Phase, 60 Hertz, 54 amps (SFA: 68 amps)
415 Volt, 3 Phase, 50 Hertz, 63 amps (SFA: 78 amps) (WYE Configuration)
380 Volt, 3 Phase, 50 Hertz, 68 amps (SFA: 85 amps)
240 Volt, 3 Phase, 60 Hertz, 108 amps (SFA: 135 amps)
208 Volt, 3 Phase, 60 Hertz, 125 amps (SFA: 156 amps)
- 54 kW Heater:** 480 Volt, 3 Phase, 60 Hertz, 65 amps (SFA: 81 amps)
415 Volt, 3 Phase, 50 Hertz, 75 amps (SFA: 94 amps) (WYE Configuration)
380 Volt, 3 Phase, 50 Hertz, 82 amps (SFA: 103 amps)
240 Volt, 3 Phase, 60 Hertz, 130 amps (SFA: 162 amps)
208 Volt, 3 Phase, 60 Hertz, 150 amps (SFA: 187 amps)

DIMENSIONS: STAND ALONE DI WATER BOOSTER HEATER:



FLOW DIAGRAM: STAND ALONE DI WATER BOOSTER HEATER

