

Water Heater

075405 / 075408



Hydro-Chem, Inc.
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Caledonia, MI 49316

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Part Number		075405	075408
Thermal Efficiency Rating		82%	96%
Water	Gallon Capacity	100	90
	Max Operating Pressure	150 PSI	
	Max Water Hardness	12 Grains	
	Flow Rate @ 140°F Rise	141 GPH	125 GPH
	Water Inlet / Outlet Size	1-1/2" NPT	
	Relief Valve Size	3/4"	
	Relief Valve Pressure Rating	-	150 PSI
	Relief Valve Temperature Rating	-	210°F
Gas	Inlet	3/4"	1/2"
	Max / Min Inlet Pressure, NAT	14" / 4.5" w.c.	14" / 4.0" w.c.
	Max / Min Inlet Pressure, LP	14" / 8.0" w.c.	14" / 8.0" w.c.
	BTU/HR Input	199,999	199,000
Electrical	Voltage Rating	120V 60Hz	
	Breaker Size	15 A	
	Amp Draw	1.8 A	3.0 A
Venting	Vent Size	6"	3"
	Air Intake Size	3"	3"
	Max Length	50'	150'
	Category	-	IV
	Material	PVC/CPVC/Polypropylene/ABS	PVC/CPVC/Polypropylene/SS

General Info

The purpose of this manual is to provide the necessary information to install and operate the Hydro-Chem equipment to exceed your defined expectation.

The Water Heater will come ready to assemble, plumb, and wire to.

Installation & Set-Up

The water heater is typically placed in the mechanical equipment room where shown on the project MEP, near the Booster Pump and a 110V outlet. Any product specific start-up instructions are typically included with the water heater itself. The water supply to the heater typically is from the Booster Pump with the outlet going to any detergent modules. Refer to the project MEP for plumbing specifics that may vary.

Maintenance & Troubleshooting

The operation manuals for the respective water heater should be referred to for regular maintenance schedules and instructions. In depth troubleshooting tables are also found within the manufacturer manual.