

# DHW

## ❑ Design features

- Tank-within-a-tank heat exchanger
  - Stainless inner tank
  - Carbon steel outer tank
- Self cleaning
  - resists liming
- Polyurethane insulation
  - R-16 R-value
- Low pressure drop
- 100% leak-tested

## ❑ Easy installation

- Simple wiring and piping
- No separate vent, burner or fuel lines

## ❑ More hot water

- Twice the peak flow of a tankless coil
- 50% more than gas-fired water heaters
- Three times as much as an electric hot water heater

## ❑ Limited lifetime warranty

## Indirect-Fired Water Heaters

### ❑ DHW-36

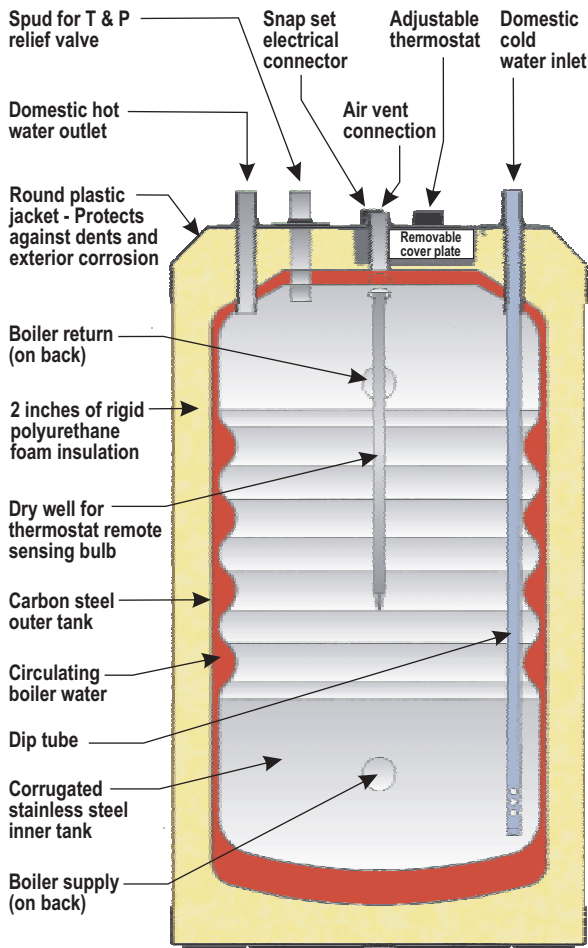
### ❑ DHW-46

### ❑ DHW-56



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## DHW FEATURES



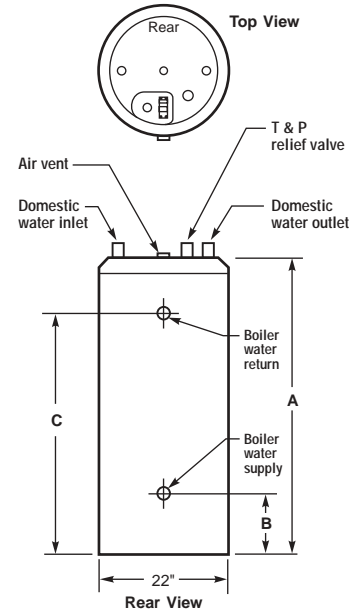
All water heaters furnished with 3/4" NPT brass tee, drain valve and automatic air vent.

## SPECIFICATIONS

Model	Capacities		Heating surface	Head loss boiler side	Approximate shipping weight
	Domestic water	Boiler water			
	Gallons	Gallons	Square feet	Feet	pounds
DHW-36	36	6	16	1	155
DHW-46	46	8	20	1¼	180
DHW-56	56	8	24	1½	200

## DIMENSIONS

Model	DHW 36	DHW 46	DHW 56
<b>Dimensions (inches)</b>			
A	46	57	66½
B	9	9	9
C	38	49	58
<b>Piping connections (N.P.T.)</b>			
Domestic water inlet/outlet	¾	¾	¾
Boiler water supply/return	1	1¼	1¼



## FIRST HOUR RATINGS

GWA boiler applications			
Boiler model	First hour ratings — GPH		
	DHW-36	DHW-46	DHW-56
GWA-052	110	120	130
GWA-070	140	150	160
GWA-105	190	200	210
GWA-140	245	250	265
GWA-175	260	300	310
GWA-210	260	355	370
GWA-245	260	365	420

OWB boiler applications			
Boiler model	First hour ratings — GPH		
	DHW-36	DHW-46	DHW-56
OWB-3-075	190	200	210
OWB-3-100	240	250	260
OWB-4-110	260	275	285
OWB-4-125	260	300	310
OWB-5-135	260	330	340
OWB-5-150	260	360	365
OWB-5-165	260	365	400
OWB-6-175	260	365	420
OWB-6-200	260	365	470

### NOTES:

- First hour rating is the maximum gallons of hot water available in one hour. This is the most common rating used to size water heaters.
- First hour ratings are based on:
  - 115°F domestic outlet water supply temperature for tables at left.
  - 115°F or 140°F for table at right.
  - 50°F domestic inlet water temperature.
  - 200°F boiler water supply temperature to the water heater.
  - Flow rates are for factory-supplied circulators or flow rates as shown.
  - Assumes approximately 80% usable storage.
- If the net BTU/hr rating of the boiler is close to the space heating load — or if there is an unusually large demand for domestic water — increased boiler capacity and/or domestic priority may be required.

Boiler heating capacity (MBH)	First hour ratings — GPH					
	DHW-36		DHW-46		DHW-56	
	115°F	140°F	115°F	140°F	115°F	140°F
50	125	95	135	100	145	115
70	160	120	170	130	180	140
90	200	150	210	160	220	170
110	235	170	245	185	255	195
130	260	170	280	210	290	220
150	260	170	320	220	330	250
170	260	170	355	220	365	275
190	260	170	365	220	400	300
210	260	170	365	220	440	330
250	260	170	365	220	510	380
300	260	170	365	220	600	410
350	260	170	365	220	670	410
400	260	170	365	220	670	410
450	260	170	365	220	670	410
500	260	170	365	220	670	410
Circulator GPM	9		13		20	



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