

New
Brass Nipples Standard



Center Flue Model

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Rear Flue Model

GLASS LINED OIL-FIRED WATER HEATERS

Available in Rear Flue & Center Flue Models

Therma-Flow Oil Fired Water Heaters are designed and built to provide the homeowner and commercial user with dependable, highly efficient, production of hot water.

Therma-Flow Oil Fired Water Heaters are compliant with Department of Energy requirements. These units are tested by an independent government certified laboratory to assure that our water heaters achieve the highest possible ratings for both efficiency and reliable hot water flow.

CENTER FLUE MODELS – 30 & 50 Gallon Tanks

- UEF testing approved for DOE
- Only Center Flue manufactured with 2" high density foam insulation
 - R-Value (14) Closed cell UL 94 Approved
- Brass nipple connection Diptube and Hot Water outlet ***NEW***
- Unique exposed couplings for leak detection ***NEW***
- Easy access to magnesium rod for replacement – 2 anode rod ***NEW***
- 409 stainless steel baffle for greater heat conduction
- Carlin Dual Aquastat 90000B10S1 designed for precise temperatures and safety features
- Factory installed brass drawoff
- Factory installed brass well for aquastat
- Heavy duty glass lined steel tank – Cobalt Porcelain Enamel
- Attractive baked enamel steel jacket
- Made in the U.S.A.

REAR FLUE MODELS – 30, 50 & 70 Gallon Tanks

- UEF testing approved for DOE
- Brass nipple connection Diptube and Hot Water outlet ***NEW***
- 2" high density blanket-type insulation for the rear flue model
- Easy access to magnesium rod for replacement – 1 anode rod ***NEW***
- Factory installed brass drawoff
- Factory installed brass well for aquastat
- Heavy duty glass lined steel tank – Cobalt Porcelain Enamel
- Large observation door for efficiency testing
- Attractive baked enamel steel jacket
- Made in the U.S.A.

SPECIFICATIONS: THERMA-FLOW GLASS LINED OIL-FIRED WATER HEATERS

All measurements are in inches and U.S gallons unless otherwise specified

ROUGHING-IN DIAMETERS

MODEL	REAR FLUE		
	E30GL	E50GL	E70GL
UEF	0.65	0.64	NA
RATED TANK CAPACITY - GAL	30	50	70
DIAMETER	22 3/4	26	26
HEIGHT	58 1/2	69	74
FLUE TO FLOOR ON CENTER	50	62 1/2	66
H.W. OUTLET TO FLOOR	62	71	76
C.W. INLET TO FLOOR	62	71	76
BURNER TO FLOOR	9 1/2	9 1/2	9 1/2
AQUASTAT TO FLOOR	31 1/2	32 1/2	32 1/2
FLUE COLLAR DIA.	6	6	6

CENTER FLUE	
S30GL	S50GL
0.645	0.61
30	50
22	24
47 1/2	56
NA	NA
51	59
51	59
9 1/2	9 1/2
26	30
6	6

OUTLETS

AQUASTAT (FEMALE)	3/4	3/4	3/4
C.W. INLET (MALE)	3/4	3/4	1
H.W. OUTLET (MALE)	3/4	3/4	1
RELIEF VALVE (FEMALE)	3/4	3/4	3/4

3/4	3/4
3/4	3/4
3/4	3/4
3/4	3/4

COMBUSTION

COMBUSTION CHAMBER I.D.	10	12	12
BURNING OPENING DIA.	4 1/4	4 1/4	4 1/4
FIRING RATE: NOZZLE	0.65 70-A	0.85 70-A	1.0 70-A
BURNER TUBE LENGTH	6 1/8	6 1/8	6 1/8
RECOVERY: GPH, 90°F RISE	117	207	219
PUMP PRESSURE	100		

10	12
4 1/4	4 1/4
0.65 70-A	0.85 70-A
6 1/8	6 1/8
109	148
100	

TANK

TEST PRESSURE	300	300	300
WORKING PRESSURE	150	150	150

300	300
150	150

SHIPPING

LENGTH	24	28	28
WIDTH	26	28	28
HEIGHT	61	71	75
WEIGHT	210	350	360

24	28
26	28
51	60
285	350

* The maximum hot water temperature setting for normal residential use is 120-degree Fahrenheit.

* TFI recommends anti-scald type valve to be installed.

* Installation should be in accordance with all national and local codes.

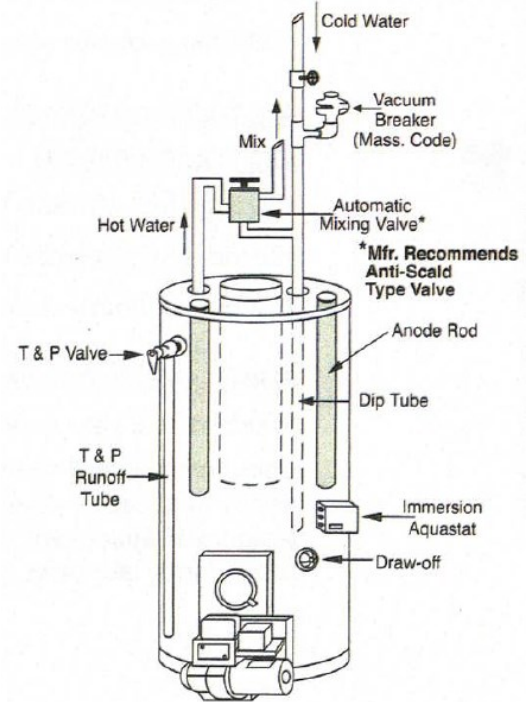
THERMA-FLOW HEATERS — OIL BURNER PACKAGE:

- Burner package for ease of installation
- Quality, fuel efficient Carlin or Beckett flame retention burner
- Burner and immersion type dual aquastat prewired at factory
- Oil burner nozzle is installed at factory

PERFORMANCE GUARANTEE:

- Residential: 5-year guarantee for glass-lined units
- Commercial: 1-year guarantee for glass-lined units. Commercial use is recognized as any application where the water heater serves more than two residential apartment units, and obviously applications such as restaurants, laundries, schools etc.

Center Flue/Glass Lined



Rear Flue / Glass Lined

