



VERTICAL MODEL



HORIZONTAL MODEL



FREESTANDING OPTION:

All vertical models are now available as a freestanding unit on forced circulation installations. When ordering, specify "FM" for floor mount before the model no. (See chart.)

FM MODEL

SOLID COPPER SHELL

Models For Every External Installation

Everhot External Tankless Water Heaters service a wide range of domestic, commercial, and industrial applications — virtually anywhere there is a requirement for instantaneous hot water on demand.

Capacities range from 4 gallons per minute to 125 gallons per minute. Models are available in both vertical and horizontal styles, with special models for radiation heaters, swimming pool heaters, indirect tank heaters, and converter applications. Consult factory regarding special models and applications.

STANDARD FEATURES:

- Solid copper shell
- Reinforced copper, integral finned tubing
- Air vent coupling
- Completely insulated
- Attractive red jacket
- Three-year warranty

Therma-Flow/Everhot's engineering department offers layout and related services by knowledgeable personnel to assist you in facilitating design and installation for special applications.

ADDITIONAL DATA FOR COMMERCIAL AND INDUSTRIAL USES:

- Restaurant Type: Producing 140° rise for dishwashers, laundries, and antiseptic washdowns.
- High Pressure Shell: Live steam working pressure up to 125 lbs.
- Cupro-Nickel: Longer lasting, corrosion resistant coils, particularly suited for low P.H. areas.
- Regular models may be used for up to 15 lbs. steam pressure.
- Vacuum breakers required on all live steam installations.
- Shock arrestors required on all commercial and industrial uses.
- Air elimination: Use key/coin type vent on steam systems. Use automatic float-type vent on forced hot water system installations.



Recommended External Water Heater Sizing Chart

No. of Apts.	Steam Boiler	Hot Water Boiler
1	No. 6	No. 8
2	No.10	No. 12
3-4	No.12	No. 16
5-6	No. 16	No. 20
7-10	No. 25	No. 30
11-15	No. 35	No. 35
16-25	No. 50	No. 50
26-50	No. 60	No. 75
51-100	No. 75	No. 100
100-140	No. 100	No. 100
141-200	(2) No. 60	(2) No. 75

All Models Available With Built-In Recirculating Line

- No moving parts
 - No operational expense
- Consult factory regarding pricing.

Tankless Specifications:

Shell: Max. Working Pressure

- Steam 15 psi
- Water 30 psi
- Test Pressure 150 psi

Coil: Max. Working Pressure 420 psi

Test Pressure 1000 psi

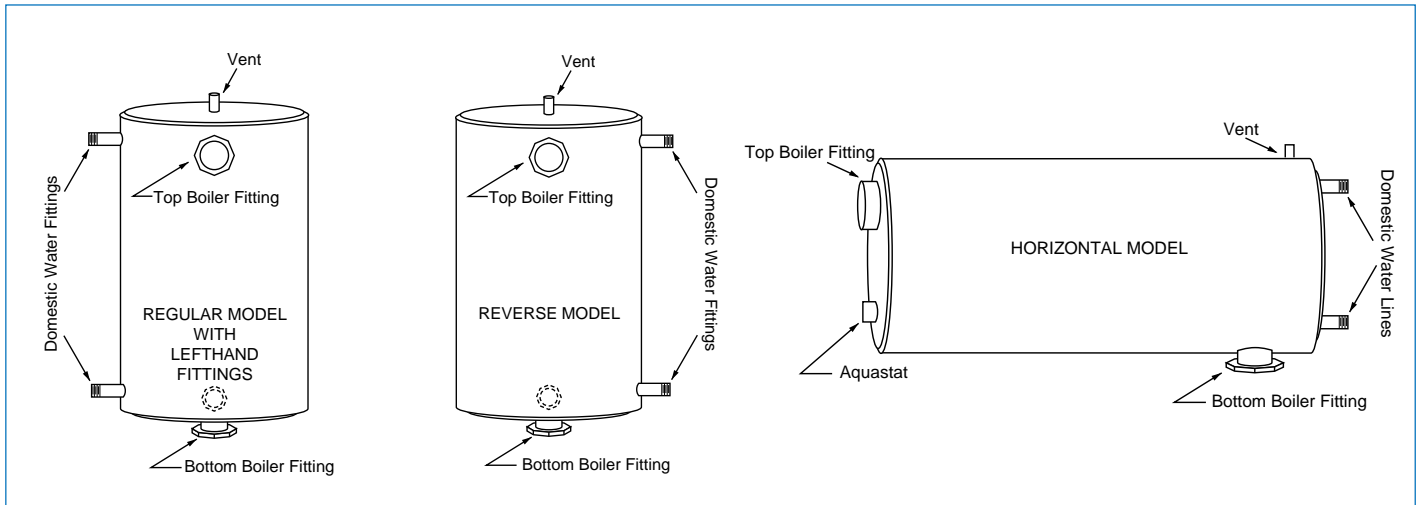
High Pressure Units:

Shell: Max. Working Pressure 125 psi

Test Pressure 350 psi

Please Note: For units servicing 3 or more apartments, a circulator is recommended.

How to determine if heaters are regular, reverse or horizontal models.



Specifications for Therma-Flow/Everhot EXTERNAL TANKLESS WATER HEATERS are on pages 8 and 9.

GUARANTEE:

Therma-Flow/Everhot External Tankless Water Heaters are guaranteed for 3 years only to the extent of furnishing new parts for any found defective in manufacture. No claim for labor in replacing defective parts or for consequential damages will be allowed. Replacement parts will be billed in usual way with invoice subject to adjustment after alleged defective material is examined at plant. No materials to be returned without written permission.

PHONE/FAX: 617-924-3877 • FAX: 617-924-7271 • TOLL FREE PHONE: 1-800-654-8045

E-MAIL / WEB SITE: sales@tfi-everhot.com • WEB SITE: www.tfi-everhot.com

FACTORY: Therma-Flow, Inc. • 191 Arlington Street • Watertown, MA 02472 • MAIL: P.O. Box 416 • Watertown, MA 02471-0416

SPECIFICATIONS: Vertical Models

MODEL NO. (Denotes G.P.M. Rating)	Weight (Lbs.)	Sq. Ft. Heat Surface	Female Boiler Fittings	Male Domestic Water Fittings	Diameter	Jacket Height
No. 4 "Deluxe"	33	15.28	2"	1/2"	12 ³ / ₄ "	13 ³ / ₄ "
No. 6 "Deluxe"	37	17.43	2"	1/2"	12 ³ / ₄ "	15 ³ / ₄ "
No. 8 "Deluxe"	43	23.98	2"	3/4"	12 ³ / ₄ "	17 ³ / ₄ "
No. 10 "Super"	51	30.23	2"	3/4"	12 ³ / ₄ "	19 ³ / ₄ "
No. 12 "Long Super"	57	34.86	2"	3/4"	12 ³ / ₄ "	22 ³ / ₄ "
No. 12 "Wide Super"	72	34.86	2" or 3"	3/4"	16 ¹ / ₂ "	18 ¹ / ₂ "
No. 16 "Long Super"	69	42.64	2"	1"	12 ³ / ₄ "	25 ³ / ₄ "
No. 16 "Wide Super"	83	42.64	2" or 3"	1"	16 ¹ / ₂ "	20"
No. 20 "Long Super"	89	54.46	2"	1"	12 ³ / ₄ "	29 ³ / ₄ "
No. 20 "Wide Super"	90	54.46	2" or 3"	1 ¹ / ₄ "	16 ¹ / ₂ "	23 ¹ / ₂ "
No. 25 "Long Super"	98	64.86	2"	1 ¹ / ₄ "	12 ³ / ₄ "	33 ³ / ₄ "
No. 25 "Wide Super"	107	64.86	2" or 3"	1 ¹ / ₂ "	16 ¹ / ₂ "	26"
No. 30 "Long Super"	100	79.04	2"	1 ¹ / ₂ "	12 ³ / ₄ "	36 ³ / ₄ "
No. 30 "Wide Super"	112	79.04	2" or 3"	1 ¹ / ₂ "	16 ¹ / ₂ "	28"
No. 35 "Super"	130	94.52	2" or 3"	1 ¹ / ₂ "	16 ¹ / ₂ "	31 ¹ / ₂ "
No. 50 "Super"	165	120.30	2" or 3"	2"	16 ¹ / ₂ "	37"
No. 60 "Super"	185	140.04	2" or 3"	2"	16 ¹ / ₂ "	38"
No. 75 "Super"	219	165.12	2" or 3"	2"	16 ¹ / ₂ "	40 ³ / ₄ "
No. 100 "Super"	246	187.38	2" or 3"	2"	16 ¹ / ₂ "	44 ¹ / ₂ "
No. 125 "Super"	285	244.38	2" or 3"	2"	16 ¹ / ₂ "	50 ¹ / ₄ "

PLEASE NOTE: All G.P.M. ratings based on 100° rise, and maintenance of 200° boiler water temperature.

FREESTANDING OPTION: Vertical Models Only.

If you want the Freestanding Option, specify "FM" before the model no. For example, "FM" No. 4 Deluxe.

SPECIFICATIONS: Horizontal Models

MODEL NO. (Denotes G.P.M. Rating)	Weight (Lbs.)	Sq. Ft. Heat Surface	Female Boiler Fittings	Male Domestic Water Fittings	Diameter	Jacket Height
No. 6 "Horizontal"	38	17.43	2"	1/2"	12 ³ / ₄ "	15 ³ / ₄ "
No. 8 "Horizontal"	45	23.98	2"	3/4"	12 ³ / ₄ "	17 ³ / ₄ "
No. 10 "Horizontal" Super	53	30.23	2"	3/4"	12 ³ / ₄ "	22 ³ / ₄ "
No. 12 "Horizontal" Super	58	34.86	2"	3/4"	12 ³ / ₄ "	24 ¹ / ₄ "
No. 16 "Horizontal" Super	68	40.86	2"	1"	12 ³ / ₄ "	25 ³ / ₄ "
No. 20 "Horizontal" Super	90	54.46	2"	1"	12 ³ / ₄ "	31 ³ / ₄ "
No. 25 "Horizontal" Super	107	64.86	2"	1 ¹ / ₂ "	12 ³ / ₄ "	33 ³ / ₄ "
No. 30 "Horizontal" Super	112	79.04	2"	1 ¹ / ₂ "	12 ³ / ₄ "	36 ³ / ₄ "
No. 35 "Horizontal" Super	135	94.52	2" or 3"	1 ¹ / ₂ "	16 ¹ / ₂ "	31 ¹ / ₂ "
No. 50 "Horizontal" Super	165	120.30	2" or 3"	2"	16 ¹ / ₂ "	37"
No. 60 "Horizontal" Super	185	140.04	2" or 3"	2"	16 ¹ / ₂ "	38"
No. 75 "Horizontal" Super	220	165.12	2" or 3"	2"	16 ¹ / ₂ "	40 ³ / ₄ "
No. 100 "Horizontal" Super	250	187.38	2" or 3"	2"	16 ¹ / ₂ "	50 ¹ / ₄ "

Engineering submittal forms for each unit listed on pgs. 8-9 are available on request to factory.



Therma-Flow/Everhot converter heat exchangers have coils designed for swimming pool heaters, radiation heaters (creating forced hot water heating zone from steam boiler), indirect storage tank heaters, numerous converter applications, and as tankless water heaters for high rise or low water pressure area installations.

MODEL (Pool Cap. Temp. Rise 58° to 78°)	Weight	Sq. Feet Radiation Capacity	Sq. Feet Htg. Surface	Female Boiler Water Fittings	Male Service Water Fittings	Diameter	Jacket Height
R.H. 6	37	200 ft.	17.43	2"	3/4"	12 ³ / ₄ "	15 ³ / ₄ "
R.H. 8	45	300 ft.	23.24	2"	1"	12 ³ / ₄ "	17 ³ / ₄ "
R.H. 10 S-P 14,000 Gal.	53	400 ft.	31.02	2"	1"	12 ³ / ₄ "	19 ³ / ₄ "
R.H. 12 S-P 20,000 Gal.	56	500 ft.	36.86	2"	1 ¹ / ₄ "	12 ³ / ₄ "	22 ³ / ₄ "
R.H. 16 S-P 30,000 Gal.	69	700 ft.	46.48	2"	1 ¹ / ₂ "	12 ³ / ₄ "	25 ³ / ₄ "
R.H. 20 S-P 40,000 Gal.	98	1000 ft.	58.15	2" or 3"	2"	16 ¹ / ₂ "	23 ¹ / ₂ "
R.H. 25 S-P 50,000 Gal.	104	1300 ft.	67.65	2" or 3"	2"	16 ¹ / ₂ "	26"
R.H. 35 S-P 60,000 Gal.	128	1800 ft.	94.52	2" or 3"	2"	16 ¹ / ₂ "	31 ¹ / ₂ "
R.H. 50 S-P 80,000 Gal.	165	2800 ft.	120.30	2" or 3"	2"	16 ¹ / ₂ "	37"
R.H. 60 S-P 90,000 Gal.	185	3200 ft.	140.04	2" or 3"	2"	16 ¹ / ₂ "	38"
R.H. 75 S-P 100,000 Gal.	219	4500 ft.	165.12	2" or 3"	2"	16 ¹ / ₂ "	40 ³ / ₄ "
R.H. 100 S-P 125,000 Gal.	246	5800 ft.	187.38	2" or 3"	2"	16 ¹ / ₂ "	44 ¹ / ₂ "
R.H. 125 S-P	285	7100 ft.	254	2" or 3"	2"	16 ¹ / ₂ "	50 ¹ / ₄ "

FREESTANDING OPTION: Vertical Models Only. For Freestanding Option, specify "FM" before model no. Example, "FM" R.H. 8

CROSS REFERENCE GUIDE: Vertical Models (Shows Old vs. New Model Designation)

Old Model	Capacity Per Minute	Female Boiler Fitting	Male Dom. Water	Diameter	Height	Shipping Weight	New Model No. Denotes G.P.M.
#12 "Special"	4 Gallons	2"	1/2"	12 ³ / ₄ "	15 ¹ / ₂ "	40	#4 Reverse
#14 "Deluxe"	4 Gallons	2"	1/2"	12 ³ / ₄ "	15 ¹ / ₂ "	45	#4 Reverse
#16 "Deluxe"	6 Gallons	2"	1/2"	12 ³ / ₄ "	16 ¹ / ₂ "	51	#6 Reverse
#24 "Deluxe"	8 Gallons	2"	3/4"	12 ³ / ₄ "	18 ¹ / ₂ "	57	#8 Reverse
#28 "Deluxe"	10 Gallons	2 ¹ / ₂ "	3/4"	12 ³ / ₄ "	21"	70	#10 Reverse
#30 "Deluxe"	12 Gallons	2 ¹ / ₂ "	3/4"	17"	20"	85	#12 Wide Reverse
#36 "Super"	15 Gallons	2" or 3"	1"	17"	22 ³ / ₈ "	100	#16 Wide Reverse
#44 "Super"	20 Gallons	2" or 3"	1 ¹ / ₄ "	17"	25"	130	#20 Wide Reverse
#48 "Super"	25 Gallons	2" or 3"	1 ¹ / ₂ "	17"	28"	155	#25 Wide Reverse
#50 "Super"	30 Gallons	2" or 3"	1 ¹ / ₂ "	17"	30"	165	#30 Wide Reverse
#60 "Super"	35 Gallons	2" or 3"	2"	17"	32"	175	#35 Wide Reverse
#70 "Super"	50 Gallons	2" or 3"	2"	17"	38"	200	#50 Wide Reverse

Special Notes
 #1 - To fit piping exactly increase heater one size.
 #2 - On larger size specify size of boiler fittings.
 #3 - If heater has black tops & bottoms use reverse model. (See diagram on page 7 for determining reverse model configuration.)