

e·f·m*The Finest in*
**AUTOMATIC
HEAT**

VT SERIES

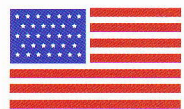
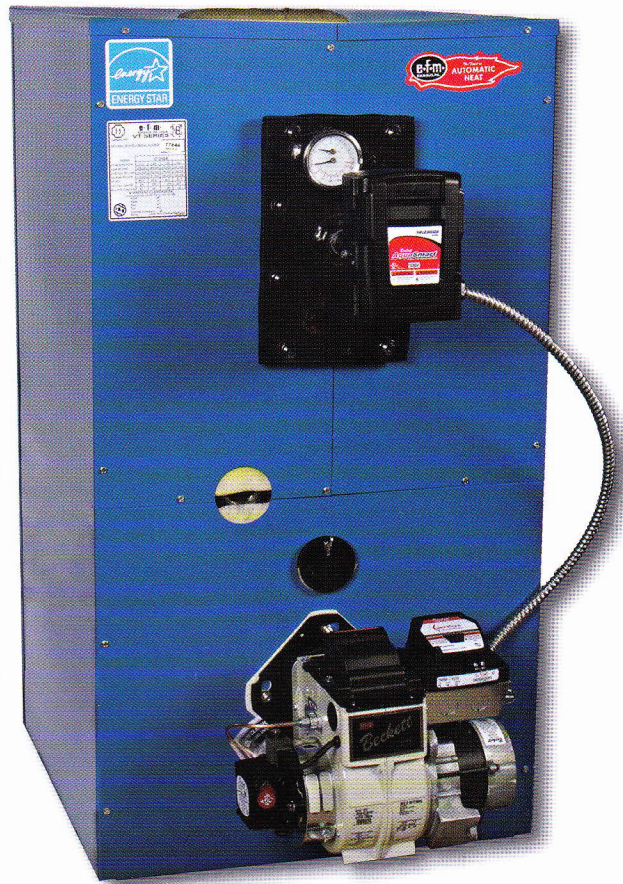
Oil Fired Hydronic Boilers

IMPROVED EFFICIENCY TRADITIONAL RELIABILITY AND DOLLAR VALUE

A proven performer in thousands of homes over three decades. efm's VT (Vertical Tube) design was recently re-engineered to provide even stronger efficiency without sacrificing its traditional durability and affordability.

The all new VT Series is economical to buy, operate and service. Yet performance and rugged durability outshine home heating units costing far more. These features help efm achieve this new standard of value:

- **Heavier Steel Construction.** ASME standards demand heavy 3/16" steel for boiler shell and 1/4" for tube sheets.
- **Turbo Ram Turbulators.** Another efm exclusive! These specially designed turbulators force more heat against firetube walls for unsurpassed heat-transfer efficiency.
- **Trombone Design 100% Copper Hot Water Coil.** efm-designed to deliver domestic hot water...without taxing the burner or wasting fuel!
- **Ceraform ceramic fiber combustion chamber.**
- **Beckett flame-retention oil burner**
- **Beckett AquaSmart and Genisys controls.**

**STILL MADE WITH
PRIDE IN AMERICA**

In an era when more and more home heating units or their components are made by foreign manufactures, efm's VT Series boilers are still made with American quality and pride. Just as efm products have been for over 85 years.

e·f·m*The Finest in*
**AUTOMATIC
HEAT****e·f·m Sales Company**155 Rt 61 South
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570-385-1892www.efmheating.com**AUTHORIZED efm SALES & SERVICE**

STANDARD EQUIPMENT

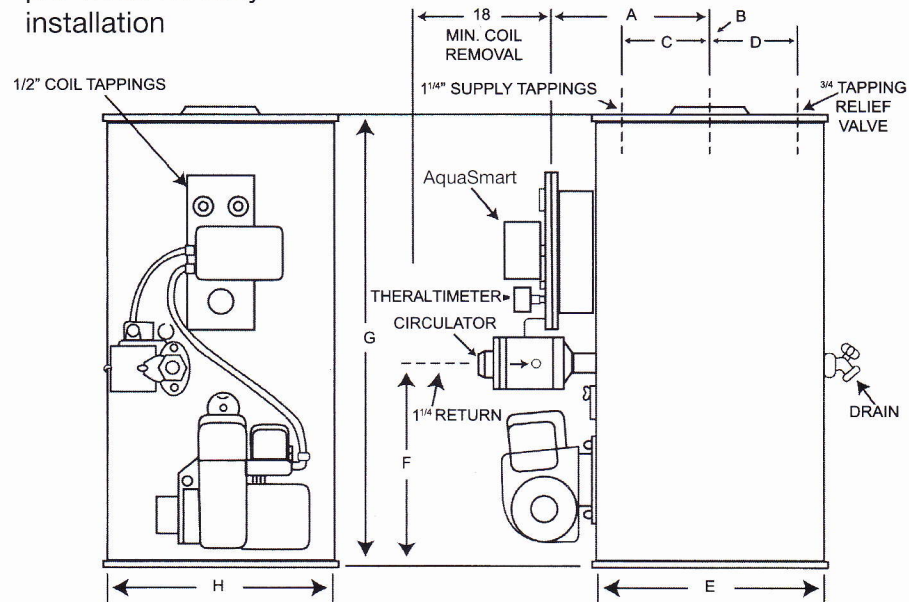
The efm VT Series comes fully equipped with the following components:

- Boiler
- Flush Jacket
- Tankless hot water coil
- Ceramic fiber combustion chamber
- Theraltimeter
- Circulator
- AquaSmart Control
- Boiler drain cock
- High speed flame-retention head oil burner with safety controls
- Boiler relief valve
- Draft regulator
- All electrical components are pre-wired for easy installation

3 YEAR FULL WARRANTY
10 YEAR STEEL BOILER SHELL
Plus 10 year prorated
@ 5% per year.

DIMENSIONS

	VT 700E	VT 1000E
A	12-5/8	15
B	6"	7"
C	6-5/16	8-1/2
D	6-3/8	8-1/2
E	19-7/16	22
F	19-7/16	18-5/8
G	38-1/8	40-1/4
H	18-7/16	22-1/4



SPECIFICATIONS

MODEL	VT700E**				VT1000E**			
INPUT BTUH	103800	118700	104000	90000	288000	207400	186000	152000
HEATING CAPACITY BTUH	114000	98000	88000	77000	191000	174000	158000	130000
*NET OUTPUT BTUH	100000	86000	77000	967000	166000	151000	137000	113000
AFUE SEASONAL EFFICIENCY	82.1	83.2	84.0	85.1	81.3	82.5	83.9	85.2
BURNER	AFG76XN				AFG76YB			
NOZZLE - SIZE G.P.H.	1.00 - 80H	0.85 - 80H	0.75 - 80H	0.65 - 80H	1.65 - 80H	1.50 - 80H	1.35 - 80H	1.10 - 80H
TANKLESS COIL G.P.M.	5				5			
NO. OF TUBES	14				24			
SMOKE OUTLET - DIA	6				7			
WATER CAPACITY - GALS.	9				19			
RECOMMENDED CHIMNEY SIZE	8 X 8 X 15				8 X 8 X 15			
SHIPPING WEIGHT	315				435			

* Net output ratings are based on installed radiation of sufficient quantity to serve the requirements of the build and nothing need be added for normal piping and pickup. Net rating is based on a piping and pickup allowance of 13%.

** Available as knock-down units.



American Quality For Over 85 Years