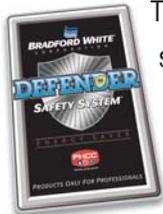


Meet the Power-Vented Defender Safety System®

FVIR Innovation and Advanced Through-The-Wall Design Tied Up In One Great Package

Bradford White is proud of our FVIR compliant Through-the-Wall models. Not only did we design a new combustion and control system, we took the opportunity to upgrade the blower motor, too.



The TTW® Defender Safety System® product features a spark-to-pilot ignition and an integrated immersion gas control valve with an LED indicator to assist in troubleshooting. We've also included an electronic sensor that prevents operation if flammable vapors are detected.

Our blower design has higher torque for better resistance to outside winds and the power to eliminate problems with difficult venting situations. It also features a bearing that runs much cooler for longer life and reduced noise. Overall, you can count on the same high operational efficiency you've come to expect from our TTW® line-up.

Talk to your Bradford White representative for full details on the Defender Safety System® Through-the-Wall models. You'll see why we think they are the complete FVIR Through-the-Wall package.

For more information on Defender Safety System® TTW® models, Contact your Bradford White representative.

Built to be the Best™




BRADFORD WHITE®
WATER HEATERS

www.bradfordwhite.com
Ambler, PA | 800 523 2931

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Bradford White Through-The-Wall Water Heaters

featuring
The Defender Safety System®



Energy Saver Models													
NATURAL GAS AND LIQUID PROPANE GAS													
Meet or exceed ASHRAE 90.1b (current standard) C.E.C. Listed 80% Recovery Efficiency													
Model Number	Capacity		Recovery 90°F Rise		Floor to Vent Conn.	Jacket Dia. in.	Vent Size in.	Floor to Gas Conn. in.	Floor to Water Conn. in.	Equivalent Vent Length ft.	Approx. Shipping Weight lbs.	Energy Factor	
	U.S. Gal.	Nat. BTU/Hr. Input	LP BTU/Hr. Input	Nat. U.S. GPH									LP U.S. GPH
M-1-TW-40S6FBN	40	40,000	38,000	43	41	56½	20	2	11½	48	up to 120	135	.63
M-1-TW-50S6FBN	50	40,000	38,000	43	41	57%	22	2	11½	49½	up to 120	160	.63
M-1-TW-60T6FBN	60	42,000	40,000	45	43	68	22	2	11½	58½	up to 120	193	.62

Deluxe Energy Saver Models															
NATURAL GAS AND LIQUID PROPANE GAS															
Meet or exceed ASHRAE 90.1b (current standard) C.E.C. Listed 80% Recovery Efficiency															
Model Number	Capacity		Recovery 90°F Rise		Floor to Vent Conn. in.	Jacket Dia. in.	Vent Size in.	Floor to Gas Conn. in.	Floor to Space Heating Return in.	Floor to Space Heating Outlet in.	Floor to Water Conn. in.	Equivalent Vent Length ft.	Approx. Shipping Weight lbs.	Energy Factor**	
	U.S. Gal.	Nat. BTU/Hr. Input	LP BTU/Hr. Input	Nat. U.S. GPH											LP U.S. GPH
M-2-TW-50T6FBN	48	67,000	60,000	72	65	65%	22	3	11½	13½	50%	57%	up to 180	188	.66
M-2-TW-65T6FBN	65	70,000	63,000	75	68	69	24	3	11½	13½	53%	60%	up to 180	222	.66
M-2-TW-75T6BN*	75	76,000	75,500	82	81	68%	26	3	15	17½	53	61%	up to 180	277	N/A

* Due to input above 75,000 BTU/Hr., M-2-TW-75T6 is not required to be FVIR and does not feature the Defender Safety System.
** Products over 75,000 BTU/hr. input are not EF rated.

Get Advanced FVIR Technology and TOP NOTCH Power-Vented performance from Bradford White



Defender Safety System® - This highly successful FVIR compliant combustion chamber has been designed by Bradford White to meet the stringent ANSI standard for 40, 50, 60 and 65 gallon, power-vented models under 75,000 BTU/hr.



Flammable Vapor Sensor - Sensor prevents burner operation if flammable vapors are detected.



ScreenLok® Technology Flame Arrestor - Bradford White's proven flame arrestor design increases the velocity of incoming air. This causes a vector effect that prevents flames from traveling backwards through the flame arrestor plate and outside of the water heater.



Air Intake Louvers - These precisely positioned air intake ports cause directional changes to the flow of incoming air. This series of diversions "scrubs" the air and greatly reduces the accumulation of lint and dust.



Electronic Gas Control Valve - The integrated, immersion gas control valve offers more precise temperature control for higher first hour delivery and also allows water temperature adjustment without removing the cover.



LED Display - LED fault indications are displayed to assist in troubleshooting, diagnostics and start up.



Spark-To-Pilot Ignition - Proven electronic technology for reliable ignition.

Site Window to Combustion Chamber - Site window allows the professional installer a view into the chamber to observe pilot and burner operation.



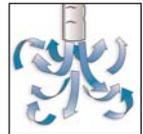
Powerful Blower Motor - Our blower design has higher torque for greater resistance to outside winds and the power to eliminate problems with difficult venting situations. This significantly quieter motor runs cooler for a considerably longer operational life.



Rugged Wiring Connections - Our configuration utilizes positive locking plug design for secure connection and durability.



Hydrojet® Total Performance System - This highly efficient self-cleaning device reduces sediment build-up inside the tank. It also increases the first hour delivery of hot water while minimizing thermal stratification throughout the tank.



Heat Traps - Design incorporates a flexible disk that reduces heat loss in piping and eliminates the potential for noise generation.



Burner Configurations - Low NOx Burner for natural gas. Cast iron burner for LP models. To order a LP model, change suffix "FBN" to "FCX"

High Efficiency - Our FVIR compliant power-vented models offer the same high efficiency as their TTW® predecessors.

Deluxe Model - The Deluxe model includes two inches of non-CFC foam insulation and side tapings for ease of use in space heating applications.

NOTE: Due to continuous quality improvements, above dimensions and specifications are subject to change.