

AXEMAN-ANDERSON

VESTA

OIL UNITS

- **A.S.M.E. CONSTRUCTION, I.B.R. RATED, D.O.E. TESTED**

- **FLUE BOX STUDS ELIMINATED - NO MORE BROKEN STUDS. FLUE BOX IS ATTACHED WITH NUTS AND BOLTS.**

- **BUILT-IN DIP TUBE FOR POSITIVE AIR ELIMINATION**

- **REMOVABLE BURNER PANEL FOR EASY ACCESS TO ENTIRE CHAMBER AREA. EASY CHAMBER REMOVAL AND BURNER SERVICING**

- **ALTERNATIVE 1¼" HYDRONIC RETURN**

- **DELUXE JACKET OF TWO TONED BAKED ENAMEL-FULLY INSULATED**

- **EASY TO CLEAN - JACKET TOP IS REMOVABLE WITHOUT DISTURBING PIPING. TOP FLUE OUTLET FOR EASY ACCESS.**



- **SPECIALLY DESIGNED FLUE ECONOMIZERS FOR TOP BOILER EFFICIENCY**

- **LIMITED LIFETIME WARRANTY**

- **ONE PIECE CERAMIC FIBER COMBUSTION CHAMBER - INSTANTANEOUS WARM-UP. CLEAN, EFFICIENT COMBUSTION**

- **HIGH EFFICIENCY 3450 R.P.M. FLAME RETENTION OIL BURNER**

- **LARGE INSPECTION DOOR PERMITS USE OF FLAME MIRROR FOR INSPECTION AND ADJUSTMENT OF BURNER.**

- **EASY TO INSTALL - UNIT IS COMPLETELY PACKAGED AND WIRED. ALL CONTROLS, CIRCULATOR AND ACCESSORIES ARE MOUNTED ON THE FRONT OF UNIT**

- **LARGE BUILT-IN FLANGED DOMESTIC HOT WATER COIL ELIMINATES COIL STUDS. COIL ATTACHES WITH NUTS AND BOLTS. COIL GASKET OF IMPROVED DESIGN FOR MORE POSITIVE SEALING.**

ENGINEERED FOR EASE OF INSTALLATION AND MAINTENANCE

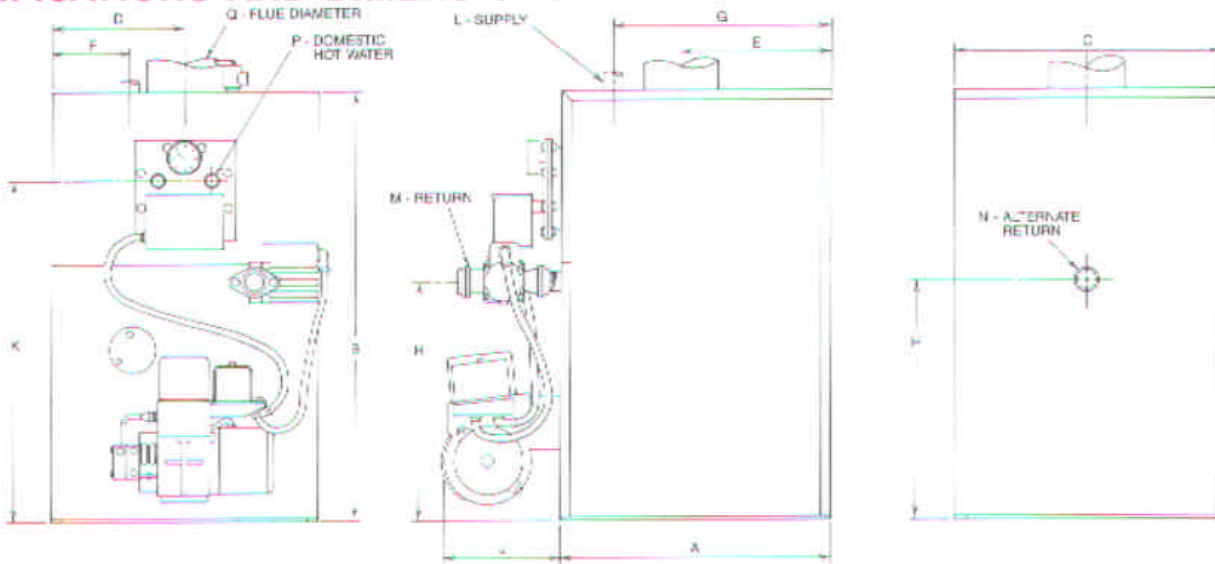
HIGH QUALITY MATERIAL AND COMPONENTS FOR LONG LIFE AND TROUBLE-FREE OPERATION

HIGH EFFICIENCIES SAVE YOUR HEATING DOLLARS

ECONOMICAL, INSTANTANEOUS HOT WATER FOR BATH, LAUNDRY AND KITCHEN

COMPLETELY PACKAGED RESIDENTIAL OIL FIRED HYDRONIC HEATING BOILERS

SPECIFICATIONS AND DIMENSIONS—AXEMAN-ANDERSON VESTA OIL UNIT



DIMENSIONS

MODEL NO.	A	B	C	D	E	F	G	H	J	K	L	M	N	P			Q
														3GPM	4GPM	5GPM	
PVT-105B, PVT-119B	21 ⁹ / ₁₆	34 ¹ / ₄	21 ¹ / ₈	10 ⁹ / ₁₆	12	6 ¹ / ₄	17 ⁷ / ₁₆	19	9 ³ / ₁₆	27 ¹ / ₄	1	1	1	1/2	3/4	3/4	6
PVT-119H, PVT-140H	21 ⁹ / ₁₆	34 ¹ / ₄	21 ¹ / ₈	10 ⁹ / ₁₆	12	6 ¹ / ₄	17 ⁷ / ₁₆	19	9 ³ / ₁₆	27 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₂	1 ¹ / ₄	1/2	3/4	3/4	6
PVT-154H, PVT-175H	21 ⁹ / ₁₆	34 ¹ / ₄	21 ¹ / ₈	10 ⁹ / ₁₆	11 ¹ / ₂	6 ¹ / ₄	17 ⁷ / ₁₆	19	9 ³ / ₁₆	27 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₂	1 ¹ / ₄	1/2	3/4	3/4	7
PVT-189H, PVT-210H	21 ⁹ / ₁₆	34 ¹ / ₄	21 ¹ / ₈	10 ⁹ / ₁₆	11 ¹ / ₂	6 ¹ / ₄	17 ⁷ / ₁₆	19	9 ³ / ₁₆	27 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₂	1 ¹ / ₄	1/2	3/4	3/4	7

SPECIFICATIONS

MODEL NO.	D.O.E. HEATING CAPACITY M.B.H.	NET I.B.R. RATING WATER M.B.H.	I.B.R. INPUT G.P.H.	D.O.E. ANNUAL EFFICIENCY %		HEATING SURFACE SQ. FT.	WATER CONTENT GAL.	DOMESTIC HOT WATER COIL G.P.M.	SHIPPING WEIGHT LBS.	NORMAL CHIMNEY SIZE NATURAL DRAFT
				LESS DAMPER	WITH DAMPER					
PVT-105B	90	78	.75	84.2	86.2	9.3	13.6	3,4,5	328	8" x 8" x 15'0"
PVT-119B	100	87	.85	83.1	85.1	9.3	13.6	3,4,5	328	8" x 8" x 15'0"
PVT-119H	102	89	.85	84.3	86.7	11	13.0	3,4,5	337	8" x 8" x 15'0"
PVT-140H	119	103	1.00	82.7	85.5	11	13.0	3,4,5	337	8" x 8" x 15'0"
PVT-154H	130	113	1.10	83.1	85.2	13	12.5	3,4,5	349	8" x 8" x 15'0"
PVT-175H	146	127	1.25	82.2	84.4	13	12.5	3,4,5	340	8" x 8" x 15'0"
PVT-189H	161	140	1.35	83.7	86.0	15	12.0	3,4,5	365	8" x 8" x 15'0"
PVT-210H	176	153	1.50	82.6	84.8	15	12.0	3,4,5	365	8" x 8" x 15'0"

The net I.B.R. water ratings shown are based on a piping and pick-up allowance of 1.15.
 For installations having unusual piping and pick-up requirements, consult Manufacturer.
 Ratings based on—.02" draft over fire—13.0% CO₂—oil at 140,000 BTU per gallon.

STANDARD EQUIPMENT: A.S.M.E. Code Constructed Boiler, enameled flush jacket-insulated, built-in tankless heater, ceramic fiber combustion chamber, hot water circulator, temperature-pressure gauge, A.S.M.E. relief valve, flue economizers, inspection door, brass boiler drain, 3450 R.P.M. flame retention oil burner, nozzle, triple acting aquastat relay, oil burner relay with cad cell, and wiring harness. All factory assembled and packaged.

The Axeman-Anderson PVT Series Oil Unit is finely engineered and built to meet the requirements of the A. S. M. E. Boiler and Pressure Vessel Code. Every unit is factory inspected by an inspector of a nationally recognized steam boiler inspection and insurance company and carries this stamp of approval with a registration number. Axeman-Anderson is also listed as a manufacturer with the National Board of Boiler and Pressure Vessel Inspectors. The Axeman-Anderson Unit has been fully tested and rated and meets or exceeds the requirements of the IBR Code. The Axeman-Anderson Company devote their entire efforts towards the development, perfection, design and manufacture of heating equipment. The Company holds an enviable position in the heating industry for manufacturing outstanding heating units of extremely high quality, and efficiency. Its many dealers and thousands of satisfied owners will attest to its high degree of business integrity and reputation for fair dealing.



Before purchasing this appliance read important energy cost and efficiency information available from your retailer.



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