

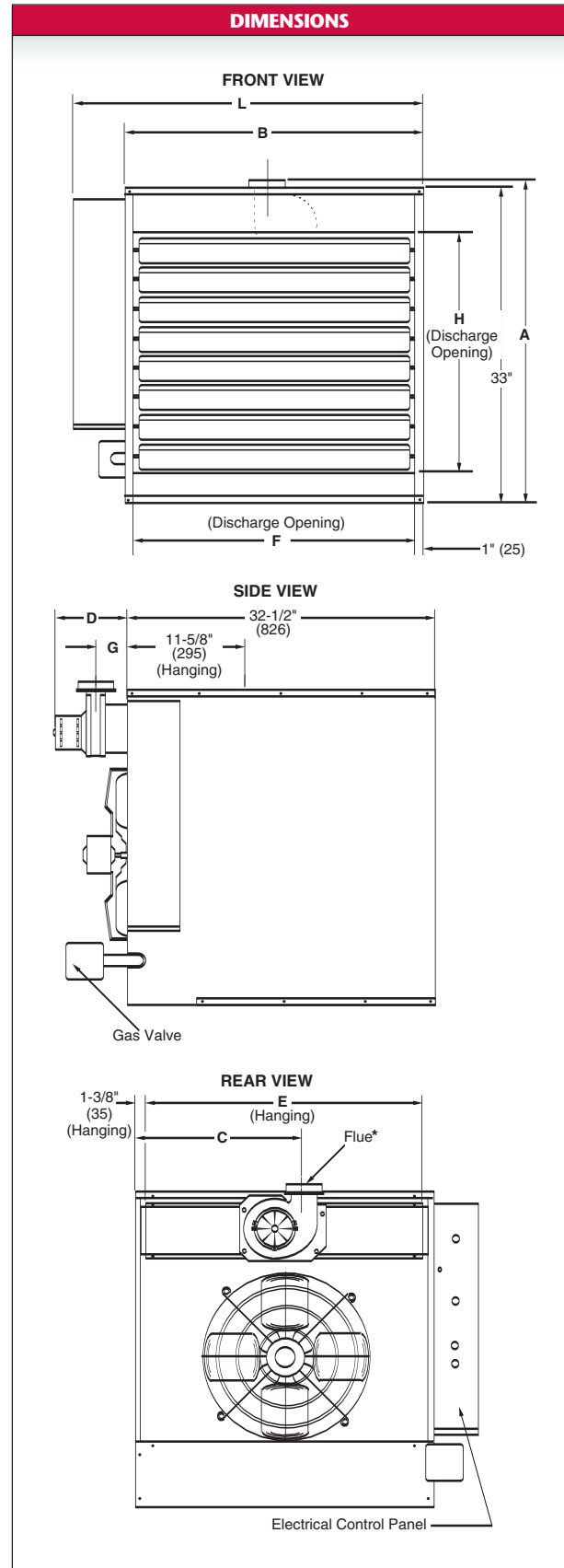
Shield TUBULAR GAS-FIRED UNIT HEATER



MODEL GF PERFORMANCE & DIMENSIONAL DATA			
Model GF Unit Size	150	250	400
PERFORMANCE DATA†			
Input – BTU/Hr. (kW)	150,000 (43.9)	250,000 (73.2)	400,000 (117.1)
Output – BTU/Hr. (kW)	121,500 (35.6)	202,500 (59.3)	324,000 (95.0)
Thermal Efficiency (%)	81	81	81
Free Air Delivery – CFM (cu. m/s)	2,400 (1.133)	3,450 (1.629)	5,800 (2.738)
Air Temperature Rise – Deg. F (Deg. C)	47 (26)	54 (30)	51 (28)
Full Load Amps at 120V	5.8	8.0	13.5
MOTOR DATA: Motor HP (Qty.)			
Motor kW	1/4 (0.19)	1/3 (0.25)	(2) 1/3 (0.25)
Motor Type	PSC	PSC	PSC
R.P.M.	1,140	1,140	1,140
Amps @ 115V	4.7	5.8	11.6
DIMENSIONAL DATA – Inches (mm)			
“A” Overall Height to Top of Flue	33-3/4 (857)	33-3/4 (857)	34 (864)
“B” Jacket Width of Unit	20-3/4 (527)	32-3/4 (831)	50-3/4 (1289)
“C” Width to Centerline Flue	13-3/8 (340)	19-3/8 (492)	28-3/8 (721)
“D” Depth to Rear of Housing	11 (279)	11 (279)	12-1/4 (311)
“E” Hanging Distance Width	18-5/8 (473)	30-5/8 (778)	48-5/8 (1235)
“F” Discharge Opening Width	18-3/4 (476)	30-3/4 (781)	48-3/4 (1238)
“G” Depth to Centerline Flue	4-3/4 (121)	4-3/4 (121)	5-1/8 (130)
“H” Discharge Opening Height	24-1/2 (622)	24-1/2 (622)	24-1/2 (622)
“L” Overall Unit Width	25-1/4 (641)	37-1/4 (946)	55-1/4 (1403)
Flue* Size Diameter – in. (Dia. – mm)	5 (127)	5 (127)	6 (152)
Fan Diameter – in. (Qty.)	16	18	(2) 18
Gas Inlet – Natural Gas (in.)	1/2	3/4	3/4
Gas Inlet – LP Gas (in.)	1/2	1/2 OR 3/4	1/2 OR 3/4
Approximate Unit Weight – lbs. (kg)	155 (70)	211 (96)	335 (152)
Approximate Ship Weight – lbs. (kg)	195 (88)	261 (118)	395 (179)

†Published ratings are shown for elevations up to 2,000 feet (610m) above sea level. For higher elevations derate 4% for each 1,000 feet (305m) above sea level. In Canada, derate 10% for altitudes 2,000 to 4,500 feet (610 to 1372m).

* Flue collar is factory supplied with unit; to be field installed per instructions.



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