



WHGP WALL HUGGER GAS BURNER PACKAGE

SPECIFICATIONS		PACKAGE MODEL NUMBER			
		115	120	125	130
H I G H F I R E	Max. Input @ 10% Excess Air (Btu/hr)	333,000	482,500	717,100	1,063,000
	Max. Air Flow @ 9.5 osig (scfh)	3,450	5,000	7,430	11,010
	Min. Input @ Max. Air Flow (Btu/hr)	76,300	100,200	207,600	285,100
	Max. Excess Air (%)	380	430	280	310
	Flame Length @ Max. Input (in.)	5	5	6	7
L O W F I R E	Max. Input @ 10% Excess Air (Btu/hr)	108,100	177,500	232,500	340,700
	Air Flow @ 1 osig (scfh)	1,120	1,840	2,410	3,530
	Min. Input @ Air Flow (Btu/hr)	26,680	32,050	75,270	76,510
	Max. Excess Air (%)	345	510	240	390

NOTES:

1. Capacities based on natural gas with HHV of 1034 Btu/ft³, 0.59 S.G., and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 60°F @ sea level.
3. Static air pressures measured at the burner air inlet pressure tap.
4. Flame lengths measured from the end of the refractory tile.
5. All data based on industry standard air and gas piping practices.
6. Flame detection available via flame rod or UV scanner.
7. Max. air flow based on blower motor operation @ 75 Hz.

(See Reverse Side for Metric Capacities)

In accordance with Hauck's commitment to Total Quality Improvement, Hauck reserves the right to change the specifications of products without prior notice.

METRIC CAPACITIES

WHGP WALL HUGGER GAS BURNER PACKAGE

SPECIFICATIONS		PACKAGE MODEL NUMBER			
		115	120	125	130
H I G H F I R E	Max. Input @ 10% Excess Air (kW)	88.0	128	190	281
	Max. Air Flow @ 4,095 Pa (nm ³ /hr)	92.4	134	199	295
	Min. Input @ Max. Air Flow (kW)	20.2	26.5	54.9	75.4
	Max. Excess Air (%)	380	430	280	310
	Flame Length @ Max. Input (mm)	125	125	150	175
L O W F I R E	Max. Input @ 10% Excess Air (kW)	28.6	47.0	61.5	90.0
	Air Flow @ 430 Pa (nm ³ /hr)	30.0	49.3	64.6	94.5
	Min. Input @ Air Flow (kW)	7.1	8.5	19.9	20.2
	Max. Excess Air (%)	345	510	240	390

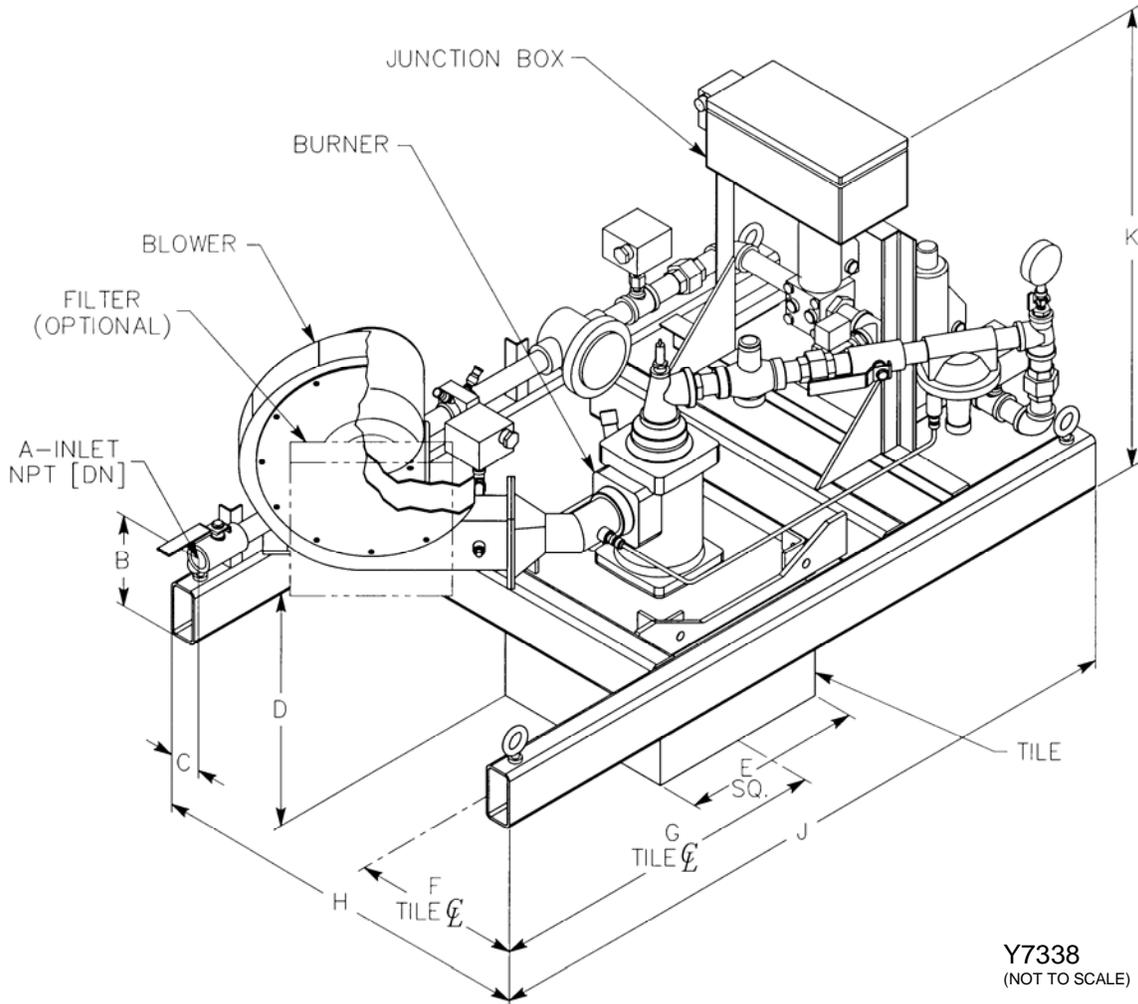
NOTES:

1. Capacities based on natural gas with LHV of 36.74 MJ/nm³, 0.59 S.G., and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 0°C @ sea level.
3. Static air pressures measured at the burner air inlet pressure tap.
4. Flame lengths measured from the end of the refractory tile.
5. All data based on industry standard air and gas piping practices.
6. Flame detection available via flame rod or UV scanner.
7. Max. air flow based on blower motor operation @ 75 Hz.



DIMENSIONS

WHGP WALL HUGGER GAS BURNER PACKAGE



Y7338
(NOT TO SCALE)

DIMENSIONS IN INCHES										
PACKAGE MODEL NO.	A	B	C	D	E	F	G	H	J	K
WHGP 115	3/4	6 9/16	1 13/16	9 1/4	9	12 3/8	25 1/2	29 1/2	51	22 5/16
WHGP 120	3/4	6 5/8	1 13/16	9 1/4	13 1/2	12 3/8	25 1/2	29 1/2	51	22 13/32
WHGP 125	1	6 3/4	2 5/16	9 1/4	13 1/2	12 3/8	25 1/2	29 1/2	51	24 7/8
WHGP 130	1	7 13/16	2 3/16	9 1/4	13 1/2	12 3/8	25 1/2	29 1/2	51	24 7/8

DIMENSIONS IN MILLIMETERS										
PACKAGE MODEL NO.	A	B	C	D	E	F	G	H	J	K
WHGP 115	20	167	46	235	229	314	648	749	1295	567
WHGP 120	20	168	46	235	343	314	648	749	1295	569
WHGP 125	25	171	59	235	343	314	648	749	1295	632
WHGP 130	25	198	56	235	343	314	648	749	1295	632

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