



AccuSpec V8.62

PDP MODEL NOMENCLATURE

1,2,3	4,5,6	7	8	9,10	11,12
PDP	250	A	E	01	30

1,2,3 - Product Type

PDP – Power Vented Propeller Unit

4,5,6 - Furnace Input Rating

250 - 250,000 Btu/hr Input

7 - Heat Exchanger Type

A - Aluminized Steel

8 - Pilot Ignition

E - Intermittent Pilot Ignition

9,10 - Motor and Drive Code (Power Code)

01 - 115v/60Hz/1

11,12 - Control Code Type

30 - Single-Stage, Intermittent Pilot Ignition



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GENERAL PERFORMANCE DATA



General Performance Data

Model	PDP250
At 0' Elevation	
Btu/Hr. Input	250,000
Btu/Hr. Output	200,000
Entering Airflow (CFM)	3700
Outlet Velocity	1053
Air Temp. Rise (°F)	50
Mounting Height (Max Ft.) ¹	19
Heat Throw (Max. Mtg. Ft.) ²	67
Unit Total Power (Amps)	7.6

As Configured at 0-2000 Ft. Elevation

Btu/Hr. Input	250,000
Btu/Hr. Output	200,000
Configured Air Temp Rise (°F)	50

Motor Data

Horse Power	1/3
RPM	1075
Type	
Motor Amps	5.4

Clearances to Combustibles

Top and Bottom	6"
Top of Power Exhauster	6"
Access Side	6"
Non-Access Side	6"
Rear	18"

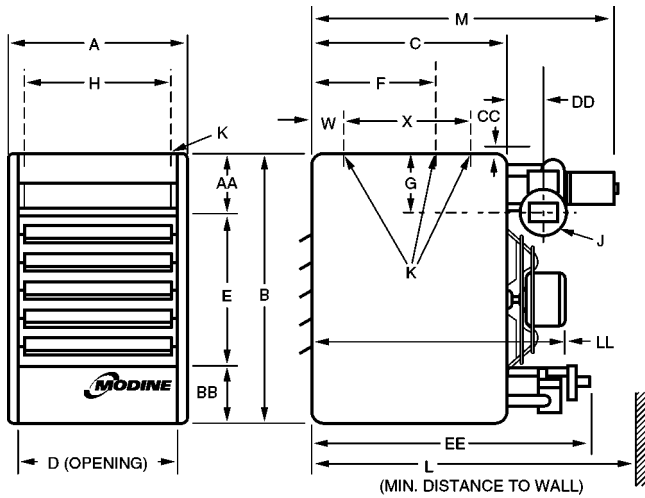
¹ At 65°F ambient and unit fired at full-rated input. Mounting height as measured from bottom of unit, and without deflector hoods.

² Heat Throws are calculated at 65°F ambient with a 50°F air temperature rise with the unit mounted at a maximum mounting height of 19 feet.



DIMENSIONS – UNIT

Model PDP Dimensions



Model Size PDP250 Dimensions (inches)

A	25.625
B	40.25
C	25
D	23.1875
E	24
F	13.5
G	7.5
H	22
J (Round) ¹	
K (Mtg Holes) ²	3/8-16
L ³	40.75
M	

W	N/A
X	N/A
AA	9
BB	
CC	
DD	3.375
EE	32.875
LL	34.875

Gas Connection ⁴	1/2
Fan Diameter	20
Approx. Shipping Weight	239 lbs.

¹ For some models, this is the dimension of the vent transition outlet supplied with unit.
² PDP 30 through PDP 250 have 2 holes and the level hanging adjustment feature. PDP 300 through PDP 400 have 4 holes.
³ Dimension equals overall plus 6".
⁴ For natural gas; may vary depending on control availability.