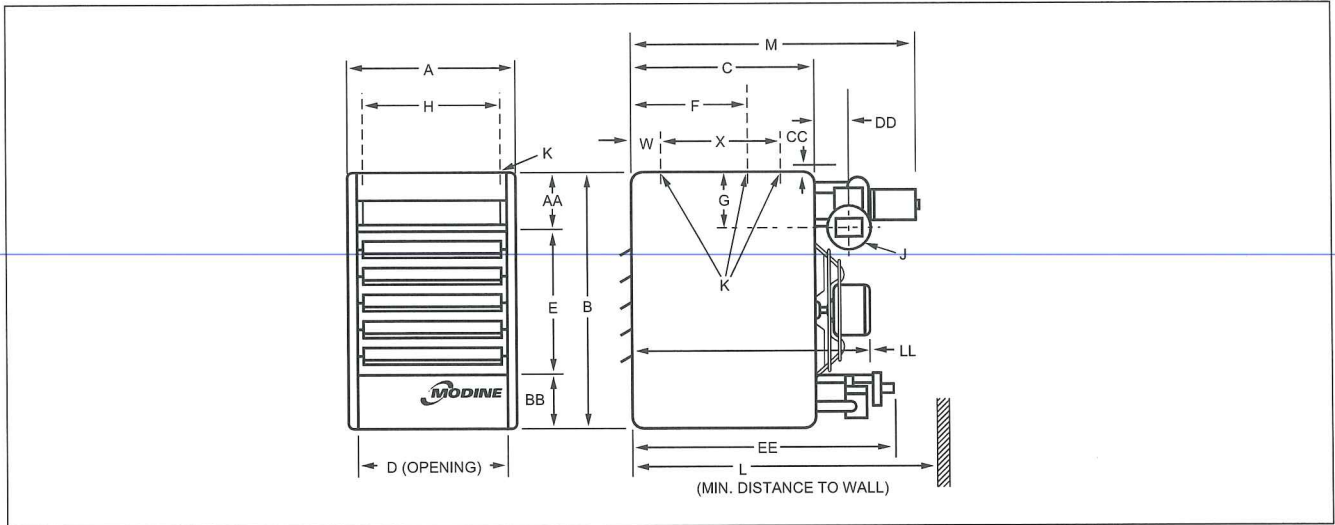


**Propeller Units - Model PDP**

**Figure 19.1 - Dimensional Drawings**

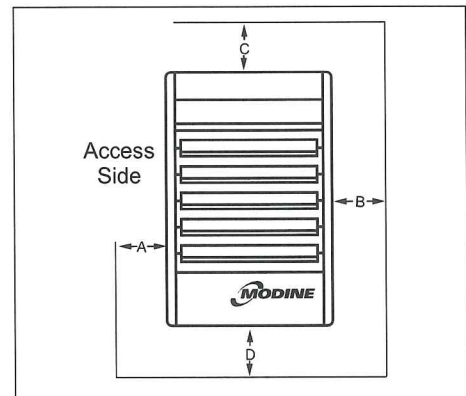


**Table 19.1 - Dimensions (inches) - PDP ①**

| Dimension Symbol     | Model Number |         |         |         |         |          |         |
|----------------------|--------------|---------|---------|---------|---------|----------|---------|
|                      | PDP 150      | PDP 175 | PDP 200 | PDP 250 | PDP 300 | PDP 350  | PDP 400 |
| A                    | 21           | 23-1/2  | 25-5/8  | 25-5/8  | 28-5/8  | 33-5/8   | 40      |
| B                    | 35-1/4       | 35-1/4  | 40-1/4  | 40-1/4  | 40-1/4  | 40-1/4   | 40-1/4  |
| C                    | 22           | 22      | 25      | 25      | 25      | 25       | 25      |
| D                    | 18-9/16      | 21-1/16 | 23-3/16 | 23-3/16 | 26-3/16 | 31-3/16  | 37-1/2  |
| E                    | 20           | 20      | 24      | 24      | 24      | 24       | 24      |
| F                    | 12           | 12      | 13-1/2  | 13-1/2  | 14      | -        | -       |
| G                    | 6-9/16       | 6-9/16  | 7-1/2   | 7-1/2   | 7-1/2   | 7-1/2    | 7-1/2   |
| H                    | 17-3/8       | 19-7/8  | 22      | 22      | 25      | 30       | 36-3/8  |
| J ②                  | 5            | 5       | 5       | 6       | 6       | 6        | 6       |
| K (Mounting Holes) ③ | 3/8-16       | 3/8-16  | 3/8-16  | 3/8-16  | 3/8-16  | 3/8-16   | 3/8-16  |
| L ④                  | 35-13/16     | 35-9/16 | 40-3/4  | 40-3/4  | 40-3/4  | 40-3/4   | 44-3/16 |
| M                    | 29-13/16     | 29-9/16 | 34-3/4  | 34-3/4  | 34-3/4  | 34-11/16 | 38-3/16 |
| W                    | -            | -       | -       | -       | -       | 5        | 5       |
| X                    | -            | -       | -       | -       | -       | 16       | 16      |
| AA                   | 8            | 8       | 9       | 9       | 9       | 9        | 9       |
| BB                   | 7-1/4        | 7-1/4   | 7-1/4   | 7-1/4   | 7-1/4   | 7-1/4    | 7-1/4   |
| CC                   | -            | -       | -       | -       | -       | -        | -       |
| DD                   | 2-3/4        | 2-3/4   | 3-3/8   | 3-3/8   | 3-3/8   | 3-3/8    | 6-13/16 |
| EE                   | 30-1/2       | 30-1/2  | 32-7/8  | 32-7/8  | 32-7/8  | 32-7/8   | 32-7/8  |
| LL                   | 31-1/8       | 31-1/8  | 34-7/8  | 34-7/8  | 36-1/4  | 35-1/2   | 40-1/2  |
| Gas Connections ⑤    | 1/2          | 1/2     | 1/2     | 1/2     | 1/2     | 3/4      | 3/4     |
| Fan Diameter         | 16           | 18      | 20      | 20      | 22      | 22       | 24      |
| Approx. Weight       | 168          | 175     | 239     | 239     | 269     | 338      | 418     |

- ① Do not use propeller units with duct work.
- ② For some models, this is the dimension of the vent transition outlet supplied.
- ③ PDP 150 through PDP 300 — 2 holes (and the level hanging adjustment feature). PDP 350 through PDP 400 — 4 holes. (Listed is the hole diameter and threads per inch to accept threaded rod).
- ④ Dimension equals overall plus 6".
- ⑤ For natural gas; may vary depending on control availability.

**Figure 19.2 - Combustible Material and Service Clearances**



**Table 19.2 - Combustible Material Clearances ①**

| Model Size | Access Side (A) | Non-Access Side (B) | Top (C) | Bottom (D) | Top of Power Exhauster (Not shown) |
|------------|-----------------|---------------------|---------|------------|------------------------------------|
| 150-175    | 1               | 1                   | 4       | 12         | 2                                  |
| 200-400    | 1               | 1                   | 5       | 12         | 3                                  |

① Provide sufficient room around the heater to allow for proper combustion and operation of fan. Free area around the heater must not be less than 1-1/2 times the discharge area of the unit.