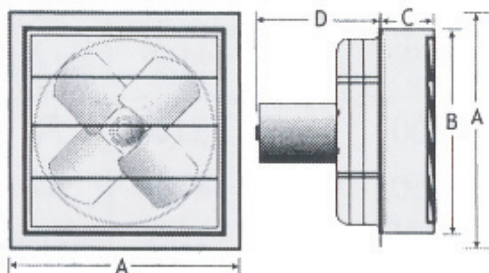




Direct Drive Series DW



Accessories

- ☐ Speed Controls
- ☐ Thermostats
- ☐ Front Guards
- ☐ Weather Hoods

Application

- Sturdy construction
- Industrial, commercial and farm applications
- Suitable for general ventilation of factories, garages and warehouses
- Motors are totally enclosed, ball bearing, continuous run
- Heavy duty fan with built-in automatic overload protection
- Explosion-proof exhausters are available upon request

Standard Features

- ✓ Heavy-duty aluminum housing with built-in shutters
- ✓ Auto open/close aluminum shutters
- ✓ Heavy-duty OSHA motor mount/guard
- ✓ Heavy-gauge welded steel rod with plated finish
- ✓ 115-volt or 115/230-volt

Options

- Available in multiple single-speed variations as well as two-speed and variable speed models
- Other voltages in single or three phase, 50 Hz voltages also available. Consult factory.
- Explosion-proof motors
- Models – 1V and 1VHE can be wired for standard single speed or variable speed with proper controller

| Model# | A | B | C | D (max.)* |
|--------|--------|--------|---|-----------|
| DW8 | 14 3/4 | 11 3/4 | 5 | 6 1/2 |
| DW10 | | | | |
| DW12 | | 13 3/4 | | 11 |
| DW14 | | 15 3/4 | | |
| DW16 | | 17 3/4 | | 11 1/4 |
| DW18 | | 19 3/4 | | |
| DW20 | | 21 3/4 | | 11 |
| DW24 | | 25 3/4 | | |
| DW30 | | 32 3/4 | | 13 1/4 |
| DW36 | | 38 3/4 | | 13 1/2 |

* "D" dimension will vary depending on motor type. Consult factory if specific dimension per model is required.

Performance Chart

| CAT. no. | Fan Type | Fan Dia. | HP | RPM | Voltage | Full Load Amperage | CFM at Static Pressure shown | | | | Sound Level (dBA) | Shipping Weight (lbs.) |
|-----------|-----------------------|----------|------|-----------|---------|--------------------|------------------------------|-----------|-----------|-----------|-------------------|------------------------|
| | | | | | | | 0" | 1/10" | 1/8" | 1/4" | | |
| DW8-3 | 2-SPEED | 8" | 1/20 | 1600/1350 | 115 | 1.6 | 400/330 | 320/260 | 280/230 | 180/140 | 48 | 14 |
| DW10-3 | 2-SPEED | 10" | 1/20 | 1600/1350 | 115 | 1.6 | 690/580 | 590/460 | 570/390 | 590/340 | 56 | 14 |
| DW12-1V | SINGLE/ VARI-SPEED | 12" | 1/4 | 1700 | 115/230 | 3.6/1.8 | 1650 | 1560 | 1525 | 1400 | 63 | 26 |
| DW12-1VHE | SINGLE/ VARI-SPEED | | 1/15 | 1450 | 115 | 1.0 | 1350 | 1290 | 1275 | 1150 | 60 | 22 |
| DW12-2 | LOW-NOISE | | 1/3 | 1100 | 115/230 | 4.2/2.1 | 1100 | 930 | 880 | 600 | 50 | 27 |
| DW12-3 | 2-SPEED | | 1/4 | 1725/1140 | 115 | 4.1 | 1670/1100 | 1600/950 | 1575/900 | 1450/625 | 64/50 | 27 |
| DW14-1V | SINGLE/ VARI-SPEED | 14" | 1/4 | 1700 | 115/230 | 3.6/1.8 | 2170 | 2030 | 1950 | 1900 | 67 | 29 |
| DW14-1VHE | SINGLE/ VARI-SPEED | | 1/15 | 1450 | 115 | 1.0 | 1600 | 1525 | 1500 | 1300 | 64 | 25 |
| DW14-2 | LOW-NOISE | | 1/3 | 1100 | 115/230 | 4.2/2.1 | 1750 | 1550 | 1500 | 1100 | 53 | 30 |
| DW14-3 | 2-SPEED | | 1/4 | 1725/1140 | 115 | 4.1 | 2190/1440 | 2080/1325 | 2000/1300 | 1950/850 | 67/53 | 31 |
| DW16-1V | SINGLE/ VARI-SPEED | 16" | 1/4 | 1700 | 115/230 | 3.6/1.8 | 2570 | 2470 | 2410 | 2260 | 68 | 30 |
| DW16-1VHE | SINGLE/ VARI-SPEED | | 1/15 | 1450 | 115 | 1.0 | 1850 | 1750 | 1700 | 1550 | 63 | 26 |
| DW16-2 | LOW-NOISE | | 1/3 | 1100 | 115/230 | 4.2/2.1 | 2150 | 2075 | 2000 | 1700 | 55 | 31 |
| DW16-3 | 2-SPEED | | 1/4 | 1725/1140 | 115 | 4.1 | 2580/1770 | 2480/1620 | 2430/1560 | 2270/1020 | 69/55 | 34 |
| DW18-1V | SINGLE/ VARI-SPEED | 18" | 1/4 | 1700 | 115/230 | 3.6/1.8 | 3150 | 3000 | 2900 | 2575 | 71 | 36 |
| DW18-2 | LOW-NOISE | | 1/3 | 1100 | 115/230 | 4.2/2.1 | 3200 | 3000 | 2900 | 2750 | 64 | 37 |
| DW18-3 | 2-SPEED | | 1/4 | 1725/1140 | 115 | 4.1 | 3200/2130 | 3050/2030 | 2950/1960 | 2625/1750 | 71/64 | 38 |
| DW20-1V | SINGLE/ VARI-SPEED | 20" | | 1700 | 115/230 | 5.0/2.5 | 3620 | 3420 | 3340 | 3120 | 77 | 39 |
| DW20-2 | LOW-NOISE | | 1/3 | 1100 | 115/230 | 4.2/2.1 | 4400 | 4200 | 4100 | 3900 | 67 | 39 |
| DW20-3 | 2-SPEED | | | 1725/1140 | 115 | 4.1 | 3640/2420 | 3440/2270 | 3360/2210 | 3140/1890 | 77/67 | 41 |
| DW24-1V | SINGLE/ VARI-SPEED | 24" | | 1700 | 115/230 | 5.0/2.5 | 5500 | 5400 | 5310 | 5100 | 78 | 43 |
| DW24-2 | LOW-NOISE | | 1/3 | 1100 | 115/230 | 4.2/2.1 | 5300 | 5050 | 4950 | 4700 | 67 | 45 |
| DW24-3 | 2-SPEED | | | 1075/860 | 115 | 5.5 | 5300/4240 | 5050/4040 | 4950/3960 | 4700/3760 | 67/64 | 47 |
| DW30-2 | SINGLE-SPEED | 30" | 1/2 | 1075 | 115/230 | 5.4/2.7 | 8000 | 7000 | 6000 | 5500 | 76 | 72 |
| DW36-7 | SINGLE-SPEED | 36" | 1/2 | 860 | 115/230 | 6.0/3.0 | 12000 | 11000 | 10500 | 9500 | 74 | 88 |

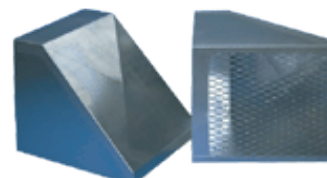
ACCESSORIES



back draft
damper / shutter



galvanized
rear sleeve



weather
hoods

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