



Dayton ebmpapst *Hoffman*

Oblong, Skeleton, and Square Compact Axial Fans

Used in dry locations to cool equipment within an enclosure. Fans require minimal space for installation and are typically installed where there's full access for mounting them against the interior of an enclosure.

Oblong—Feature an oblong housing that fits into a matching cutout.

Square—Fans have a square housing that can mount over a round cutout or fit into a square cutout.

Skeleton—Have mounting arms instead of a full housing so they require minimal space for installation.

Standard Square Axial Fan Kits—The square housing can mount over a round cutout or fit into a square cutout. Include an air filter, composite air plenum, finger guard, and grille.

| H | D | W | CFM @ 0.000" SP | IP Rating | Housing Material | Mounting Eye O.C. | Sound Level | Bearing Type | Brand | Mfr. Model | Item No. |
|--|----------|----------|-----------------|-----------|---------------------------------|-------------------|-------------|-------------------|-----------|----------------|----------|
| Oblong, 115V AC, Lead Wires | | | | | | | | | | | |
| 6 3/4 in | 2 in | 5 1/8 in | 200/180 | IP20 | Aluminum | 6 3/8 in | 55/52 | Ball | Dayton | 2RTK7 | 2RTK7 |
| Oblong, 120V AC, Terminals | | | | | | | | | | | |
| 6 3/4 in | 2 in | 5 1/8 in | 197/232 | IP33 | Aluminum | 6 3/8 in | 59/63 | Ball | Dayton | 55VD26 | 55VD26 * |
| 6 3/4 in | 2 in | 6 3/4 in | 180/195 | 20 | Cast Aluminum | 6 3/8 in | 56/60 | Ball | Dayton | 786EW7 | 786EW7 † |
| 6 3/4 in | 2 in | 6 3/4 in | 180/195 | 20 | Cast Aluminum | 6 3/8 in | 56/60 | Ball | Dayton | 786EW8 | 786EW8 † |
| 6 3/4 in | 2 in | 6 3/4 in | 180/195 | 20 | Cast Aluminum | 6 3/8 in | 56/60 | Ball | Dayton | 786EW9 | 786EW9 ‡ |
| Oblong, 230V AC, Terminals | | | | | | | | | | | |
| 6 3/4 in | 2 in | 5 1/8 in | 196/229 | IP33 | Aluminum | 6 3/8 in | 59/62 | Ball | Dayton | 55VD35 | 55VD35 * |
| Skeleton, 115V AC, Lead Wires | | | | | | | | | | | |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 110/92 | IP20 | Aluminum | 4 1/8 in | 50/45 | Ball | Dayton | 2VUW4 | 2VUW4 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 105/80 | IP20 | Aluminum | 4 1/8 in | 45/39 | Sleeve | Dayton | 2VUW5 | 2VUW5 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 105/80 | IP20 | Aluminum | 4 1/8 in | 47/41 | Ball | Dayton | 2VUW6 | 2VUW6 * |
| Skeleton, 230V AC, Lead Wires | | | | | | | | | | | |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 110/92 | IP20 | Aluminum | 4 1/8 in | 50/45 | Ball | Dayton | 2VUW8 | 2VUW8 * |
| Square, 115V AC, Lead Wires | | | | | | | | | | | |
| 2 3/8 in | 1 in | 2 3/8 in | 18/17.5 | IP20 | PBT Plastic | 1 1/8 in | 31/30 | Zero Friction Air | Dayton | 2RTE4 | 2RTE4 |
| 3 1/8 in | 1 1/2 in | 3 1/8 in | 30/23 | IP20 | Cast Aluminum | 2 1/8 in | 35/31 | Sleeve | Dayton | 4WT40 | 4WT40 |
| 3 1/8 in | 1 in | 3 1/8 in | 41/40 | IP20 | PBT Plastic | 2 1/8 in | 33/32 | Zero Friction Air | Dayton | 2RTE8 | 2RTE8 |
| Square, 115V AC, Terminals | | | | | | | | | | | |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 115/95 | IP20 | Cast Aluminum | 4 1/8 in | 49/44 | Sleeve | Dayton | 4WT46 | 4WT46 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 117/97 | IP20 | Cast Aluminum | 4 1/8 in | 50/45 | Ball | Dayton | 6KD75 | 6KD75 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 124/112 | IP20 | Aluminum | 4 1/8 in | 47/44 | Ball | Dayton | 2RTK6 | 2RTK6 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 102/92 | IP20 | Cast Aluminum | 4 1/8 in | 48/45 | Ball | Dayton | 3VU65 | 3VU65 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 55/72 | IP20 | Cast Aluminum | 4 1/8 in | 36/33.5 | Sleeve | Dayton | 4WT49 | 4WT49 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 70/76 | IP20 | Cast Aluminum | 4 1/8 in | 36/38 | Sleeve | Dayton | 4WT48 | 4WT48 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 115/95 | IP20 | Aluminum | 4 1/8 in | 49/44 | Sleeve | Dayton | 2RTD1 | 2RTD1 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 106 | IP20 | Fiberglass Reinforced Polyester | 4 1/8 in | 42 | Ball | ebm-papst | ACi4410HH | 40N384 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 93 | IP33 | PBT Plastic | 4 1/8 in | 49 | Sleeve | Dayton | 55VD27 | 55VD27 * |
| 6 1/8 in | 3 1/8 in | 6 1/8 in | 355/315 | IP20 | Cast Aluminum | 6 in | 66/62 | Ball | Dayton | 3VU66 | 3VU66 * |
| 8 1/8 in | 3 3/8 in | 8 1/8 in | 606 | IP44 | Cast Aluminum | 9 1/8 in | 61 | Ball | ebm-papst | W2E200-HK86-01 | 5AGC8 |
| 11 in | 3 3/8 in | 11 in | 1100 | IP44 | Cast Aluminum | 11 3/8 in | 73 | Ball | ebm-papst | W2E250-HJ32-01 | 5AGD4 |
| Square, 120V AC, Terminals | | | | | | | | | | | |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 99 | IP33 | Aluminum | 4 1/8 in | 50 | Sleeve | Dayton | 55VD37 | 55VD37 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 99 | IP33 | Aluminum | 4 1/8 in | 50 | Ball | Dayton | 55VD38 | 55VD38 * |
| Square, 12V DC, Lead Wires | | | | | | | | | | | |
| 2 3/8 in | 1 in | 2 3/8 in | 40 | IP20 | PBT Plastic | 1 1/8 in | 45 | Zero Friction Air | Dayton | 2RTF9 | 2RTF9 |
| 3 1/8 in | 1 in | 3 1/8 in | 36.5 | IP20 | PBT Plastic | 2 1/8 in | 31 | Sleeve | Dayton | 4WT35 | 4WT35 |
| 3 1/8 in | 1 in | 3 1/8 in | 37 | IP20 | PBT Plastic | 2 1/8 in | 30 | Ball | Dayton | 6KD68 | 6KD68 |
| 3 3/8 in | 1 in | 3 3/8 in | 48 | IP20 | PBT Plastic | 3 1/4 in | 32 | Ball | Dayton | 6KD69 | 6KD69 |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 138 | IP20 | PBT Plastic | 4 1/8 in | 48 | Ball | Dayton | 6KD70 | 6KD70 |
| Square, 230V AC, Terminals | | | | | | | | | | | |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 105/85 | IP20 | Cast Aluminum | 4 1/8 in | 48/43 | Sleeve | Dayton | 4WT33 | 4WT33 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 107/87 | IP20 | Cast Aluminum | 4 1/8 in | 50/45 | Ball | Dayton | 3LE74 | 3LE74 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 117/97 | IP20 | Aluminum | 4 1/8 in | 50/45 | Ball | Dayton | 2RTE1 | 2RTE1 * |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 115/95 | IP20 | Aluminum | 4 1/8 in | 49/44 | Sleeve | Dayton | 2RTD9 | 2RTD9 * |
| 8 1/8 in | 3 3/8 in | 8 1/8 in | 606 | IP44 | Cast Aluminum | 9 1/8 in | 61 | Ball | ebm-papst | W2E200-HK38-01 | 5AGC9 |
| Square, 24V DC, Lead Wires | | | | | | | | | | | |
| 2 3/8 in | 1 in | 2 3/8 in | 31.5 | IP20 | PBT Plastic | 1 3/8 in | 41 | Zero Friction Air | Dayton | 2RTH1 | 2RTH1 |
| 2 3/8 in | 1 in | 2 3/8 in | 19.3 | IP20 | PBT Plastic | 1 1/8 in | 30 | Ball | Dayton | 6KD71 | 6KD71 |
| 3 1/8 in | 1 1/2 in | 3 1/8 in | 84 | IP20 | PBT Plastic | 2 1/8 in | 55.2 | Ball | Dayton | 2RTH6 | 2RTH6 |
| 3 3/8 in | 1 1/2 in | 3 3/8 in | 123 | IP20 | PBT Plastic | 3 1/4 in | 57.6 | Ball | Dayton | 2RTJ3 | 2RTJ3 |
| 3 3/8 in | 1 in | 3 3/8 in | 45 | IP20 | PBT Plastic | 3 1/4 in | 33 | Ball | Dayton | 6KD73 | 6KD73 |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 138 | IP20 | PBT Plastic | 4 1/8 in | 48 | Ball | Dayton | 6KD74 | 6KD74 |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 170 | IP20 | PBT Plastic | 4 1/8 in | 51 | Ball | Dayton | 2RTJ7 | 2RTJ7 |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 230 | IP20 | Aluminum | 4 1/8 in | 70 | Ball | ebm-papst | 4114NH5 | 5AGA3 |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 259 | IP20 | Aluminum | 4 1/8 in | 73 | Ball | ebm-papst | 4114NH6 | 5AGA4 |
| 4 1/8 in | 1 1/2 in | 4 1/8 in | 209 | IP20 | Aluminum | 4 1/8 in | 67 | Ball | ebm-papst | 4114NH4 | 5AGA2 |
| Square, 24V DC, Terminals | | | | | | | | | | | |
| 8 1/8 in | 3 3/8 in | 8 1/8 in | 642 | IP42 | Cast Aluminum | 9 1/8 in | 60 | Ball | ebm-papst | W1G200-HH77-52 | 5AGA7 |
| Standard Square Axial Fan Kits, 115V AC, Lead Wires | | | | | | | | | | | |
| 6 2/7 in | 2 3/8 in | 7 3/8 in | 45/55 | | Composite | 4 1/8 in | 37/41 | Ball | Hoffman | TFP41 | 216PD0 |
| 7 3/8 in | 3 3/8 in | 8 3/8 in | 117/140 | | Composite | 4 1/2 in | 50/56 | Ball | Hoffman | TFP61 | 216PC9 |
| 11 3/8 in | 5 1/4 in | 13 in | 180/215 | | Composite | 6 1/8 in | 54/61 | Ball | Hoffman | TFP101 | 216PC8 |

* Requires Cord Set (Not Included). † Includes Wire Guard. ‡ Includes Filter and Guard.

Thermostat

This device senses temperatures within an enclosure and automatically turns compact axial fans on and off based on temperature setpoints. Thermostat has a sensor that monitors temperatures and a dial for adjusting the temperature when fans turn on and off. Model connects to a fan and mounts vertically or horizontally within an enclosure on a support rail or mounting plate.



| Min. Temp. Rating | Max. Temp. Rating | Voltage | Includes | Mfr. Model | Item No. |
|-------------------|-------------------|------------------------|--------------------------------|------------|----------|
| 41°F | 140°F | 115/230V AC, 24-60V DC | Terminal Strip for Easy Wiring | 3110000 | 2PVG4 |



Cord Sets



| Plug Head Config. | L | Voltage | NEMA Plug Config. | Item No. |
|---------------------------------|-------|-------------|----------------------|----------|
| Cord Set With Plug | | | | |
| 45° | 72 in | 115V AC | 1-15P | 3RP14 |
| 90° | 72 in | 115V AC | 5-15P w/ Ground Lead | 4YD81 * |
| Cord Set With Wire Leads | | | | |
| 45° | 24 in | 115/230V AC | Hardwire | 3RP10 |
| 45° | 36 in | 115/230V AC | Hardwire | 3RP12 |
| 90° | 24 in | 115/230V AC | Hardwire | 4YD79 |

* Includes integral 3" ground wire with ring terminal.