

Assembly Numbers

Assembly numbers for the broad range of Series FG Pressure Blowers offered are shown below.

Each size includes TE motor. For these blower assemblies, 3450 rpm 230/460/3/60 AC is standard. Alternate voltages and/or special windings or insulation (where available) may involve additional charge and extended delivery.

Optional silencer drastically lowers sound level measurements during blower operation. For inlet sizes 10" and smaller, a box-type design is used. For 12" and 14" inlets, an axial-flow design is used to minimize pressure drop, and may be specified (at additional cost) with a special 90° elbow.

Accessory filters fit directly on the blower inlet or, if silencer is also used, on silencer inlet. When ordering with box-type silencers, specify required inlet position #1, #2 or #3 (see dimensional page). Two filter types are offered.

Standard filter includes a foam-type washable/replaceable filter element. A replacement element should be kept on hand to allow periodic cleaning without system shutdown. *Permanent filter* includes a rigid metallic element.

Optional dampener pad kits include 1" thick pads and all material needed for both blower and silencer mounting.

Optional reduced discharge size will allow use with air piping of the size shown on dimensional page 9254. Sets include appropriate discharge sleeve and clamps.

Series FG Pressure Blowers

| OSI | Size Designation | Configured Assembly Number |
|------------|------------------|----------------------------|
| 12 | C-1450-12 | C1450 |
| | C-2060-12 | C2060 |
| | C-3480-12 | C3480 |
| | C-6360-12 | C6360 |
| | C-9300-12 | C9300 |
| | C-12000-12 | C12000 |
| 16 | C-17460-12 | C17460 |
| | C-1400-16 | C1400 |
| | C-2370-16 | C2370 |
| | C-4520-16 | C4520 |
| | C-7020-16 | C7020 |
| | C-9900-16 | C9900 |
| 20 | C-14400-16 | C14400 |
| | C-18300-16 | C18300 |
| | C-2940-20 | C2940 |
| | C-5450-20 | C5450 |
| | C-7140-20 | C7140 |
| | C-10500-20 | C10500 |
| 24 | C-14880-20 | C14880 |
| | C-18840-20 | C18840 |
| | C-22740-20 | C22740 |
| | C-30960-20 | C30960 |
| | C-2160-24 | C2160 |
| | C-3800-24 | C3800 |
| | C-6060-24 | C6060 |
| | C-9180-24 | C9180 |
| | C-11220-24 | C11220 |
| C-15780-24 | C15780 | |
| 24 | C-17600-24 | C17600 |
| | C-24720-24 | C24720 |
| | C-32250-24 | C32250 |

Segment choices for FG Blowers are shown on page 9250-A/P-2.

Assembly numbers for spare parts are shown on page 9250-A/P-3.

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Segment Choice Detail - Series FG Pressure Blowers

| Segment Name | Segment Description | Segment Choices (DEFAULT is shaded) | Segment Choice Description |
|--------------------|---|--|----------------------------|
| MOTOR VOLTAGE | Choice of motor voltage | 220_440350 | 230/400/3/50 TEFC [1] |
| | | 230_460360 | 230/460/3/60 TEFC |
| | | 575360 | 575/3/60 TEFC |
| DISCHARGE POSITION | Choice of blower discharge position | BAU | Bottom angled up |
| | | BH | Bottom horizontal |
| | | DB | Down bottom |
| | | TAD | Top angled down |
| | | TAU | Top angled up |
| | | TH | Top horizontal |
| | | UB | Up back |
| DISCHARGE SIZE | Default discharge size varies according to blower model | 3 | 3" discharge |
| | | 4 | 4" discharge |
| | | 6 | 6" discharge |
| | | 8 | 8" discharge |
| | | 10 | 10" discharge |
| | | 12 | 12" discharge |
| FILTER | Choice of filter type | FOAM | Foam filter |
| | | NONE | No filter |
| | | PERM | Permanent filter |
| SILENCER | Choice of silencer position | NONE | Choice not selected |
| | | POS1 | Position 1 |
| | | POS2 | Position 2 |
| | | POS3 | Position 3 |
| DAMPENING PADS | Choice of dampening pad | NO | No choice selected |
| | | YES | Choice selected |

[1] Some sizes may have this specified as 220/380/440/3/50 TEFC

Assembly Numbers

Options & Spare Parts

| Blower | | Spare Parts | | | | | |
|--------|------------------|--------------|-----------------|-------------|------------------|------------------|-----------------------|
| OSI | Size Designation | Silencer (A) | Standard Filter | | Permanent Filter | Dampener Kit (A) | Reduced Discharge (A) |
| | | | Assembly (A) | Element (A) | Assembly (A) | | |
| 12 | C-1450-12 | 29736 | 29742 | 31062 | 1052014 | 33403 | 31498 |
| | C-2060-12 | 29736 | 29742 | 31062 | 1052014 | 33403 | 31498 |
| | C-3480-12 | 29737 | 29742 | 31062 | 1052014 | 33403 | 31499 |
| | C-6360-12 | 29737 | 29742 | 31062 | 1052014 | 33403 | 31499 |
| | C-9300-12 | 29738 | 29743 | 31051 | 1052015 | 33402 | 31500 |
| | C-12000-12 | 29739 | 29744 | 30907 | 35569 [2] | 33399 | 31501 |
| | C-17460-12 | 31188 | 29745 | 31064 | 35570 [3] | 33399 | 31502 |
| 16 | C-1400-16 | 29736 | 29742 | 31062 | 1052014 | 33403 | 31498 |
| | C-2370-16 | 29736 | 29742 | 31062 | 1052014 | 33403 | 31498 |
| | C-4520-16 | 29737 | 29742 | 31062 | 1052014 | 33403 | 31499 |
| | C-7020-16 | 29737 | 29742 | 31062 | 1052014 | 33402 | 31499 |
| | C-9900-16 | 29738 | 29743 | 31051 | 1052015 | 33402 | 31500 |
| | C-14400-16 | 29739 | 29744 | 30907 | 35569 [2] | 33399 | 31501 |
| | C-18300-16 | 31188 | 29745 | 31064 | 35570 [3] | 33399 | 31502 |
| 20 | C-2940-20 | 29737 | 29742 | 31062 | 1052014 | 33404 | 31499 |
| | C-5450-20 | 29737 | 29742 | 31062 | 1052014 | 33404 | 31499 |
| | C-7140-20 | 29738 | 29743 | 31051 | 1052015 | 33405 | 31500 |
| | C-10500-20 | 29739 | 29744 | 30907 | 35569 [2] | 33398 | 31501 |
| | C-14880-20 | 29739 | 29744 | 30907 | 35569 [2] | 33398 | 31501 |
| | C-18840-20 | 29740 | 29745 | 31064 | 35571 [4] | 33400 | 31502 |
| | C-22740-20 | 29740 | 29745 | 31064 | 35571 [4] | 33400 | 31502 |
| | C-30960-20 | 29740 | 31065 [1] | 32483 | 35573 [5] | 33401 | 31502 |
| 24 | C-2160-24 | 29737 | 29742 | 31062 | 1052014 | 33404 | 31499 |
| | C-3800-24 | 29737 | 29742 | 31062 | 1052014 | 33404 | 31499 |
| | C-6060-24 | 29737 | 29742 | 31062 | 1052014 | 33404 | 31499 |
| | C-9180-24 | 29738 | 29743 | 31051 | 1052015 | 33405 | 31500 |
| | C-11220-24 | 29739 | 29744 | 30907 | 35569 [2] | 33398 | 31501 |
| | C-15780-24 | 31187 | 29744 | 30907 | 1087495 [6] | 33400 | 31501 |
| | C-17600-24 | 29740 | 29745 | 31064 | 35571 [4] | 33400 | 31502 |
| | C-24720-24 | 29740 | 29745 | 31064 | 35571 [4] | 33401 | 31502 |
| | C-32250-24 | 29740 | 31065 [1] | 32483 | 35573 [5] | 33401 | 31502 |

[1] Requires #32486 filter if silencer is used.

[2] Requires #59228 filter if silencer is used.

[3] Requires #59229 filter if silencer is used.

[4] Requires #59230 filter if silencer is used.

[5] Requires #59231 filter if silencer is used.

[6] Requires #1087496 filter if silencer is used.

To order spare parts, specify:

- Quantity and assembly numbers for desired accessories (from table above)