JOB NAME
ENGINEER $\qquad$
$\qquad$
TAG $\qquad$
DIRECT DRIVE BLOWER COIL UNIT
DISHARGE ARGT. 2

## NOTES:

1. All dimensions are in Inches [millimeters].

All dimensions are $\pm 1 / 4^{\prime \prime}$ [ 6 mm ]. Metric values are soft conversion.
2. Right hand unit shown, Left hand unit opposite. Motor/drive location may be specified Left or Right Hand. Standard control enclosure location matches motor/drive position.
3. Provide sufficient clearance to permit access to controls and comply with applicable codes and ordinances.
4. Flat filter rack may be located at unit inlet as required. See drawing BCS-KBOD-ACFRO for filter rack details.
5. Base rail is optional on the base unit. See drawing BCS-KBOD-ACEB0. Base rails must be used with mixing box.
6. See coil connection detail drawings for coil connection sizes and locations.


SIDE VIEWS

| DIMENSIONS |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UNIT SIZE | FAN SIZE | L | W | H | C | D | E | F | G | J | K |
| 08 | $\begin{gathered} 9 \times 6 \\ {[229 \times 152]} \end{gathered}$ | $\begin{gathered} 24 \\ {[610]} \end{gathered}$ | $\begin{gathered} 30 \\ {[762]} \end{gathered}$ | $\begin{gathered} 44 \\ {[1118]} \end{gathered}$ | $\begin{gathered} 16 \\ {[406]} \end{gathered}$ | $\begin{gathered} 20 \\ {[508]} \end{gathered}$ | $\begin{gathered} \mathbf{5} \\ {[127]} \end{gathered}$ | $\begin{gathered} \text { 10-3/8 } \\ {[264]} \end{gathered}$ | $\begin{aligned} & 8-3 / 8 \\ & {[213]} \end{aligned}$ | $\begin{gathered} 10-7 / 8 \\ {[276]} \end{gathered}$ | $\begin{gathered} 2-1 / 2 \\ {[64]} \end{gathered}$ |
| 12 | $\begin{gathered} 9 \times 6 \\ {[229 \times 152]} \end{gathered}$ | $\begin{gathered} 24 \\ {[610]} \end{gathered}$ | $\begin{gathered} 36 \\ {[914]} \end{gathered}$ | $\begin{gathered} 44 \\ {[1118]} \end{gathered}$ | $\begin{gathered} 16 \\ {[406]} \end{gathered}$ | $\begin{gathered} \mathbf{2 5} \\ {[635]} \end{gathered}$ | $\begin{aligned} & 5-1 / 2 \\ & {[140]} \end{aligned}$ | $\begin{aligned} & 10-3 / 8 \\ & {[264]} \end{aligned}$ | $\begin{aligned} & 8-3 / 8 \\ & {[213]} \end{aligned}$ | $\begin{gathered} 13-7 / 8 \\ {[352]} \end{gathered}$ | $\begin{gathered} 2-1 / 2 \\ {[64]} \end{gathered}$ |
| 16 | $\begin{gathered} 10 \times 8 \\ {[254 \times 203]} \end{gathered}$ | $\begin{gathered} 24 \\ {[610]} \end{gathered}$ | $\begin{gathered} 44 \\ {[1118]} \end{gathered}$ | $\begin{gathered} 44 \\ {[1118]} \end{gathered}$ | $\begin{gathered} 16 \\ {[406]} \end{gathered}$ | $\begin{aligned} & 39-1 / 2 \\ & {[1003]} \end{aligned}$ | $\begin{gathered} \mathbf{2 - 1 / 4} \\ {[57]} \end{gathered}$ | $\begin{gathered} 11-1 / 2 \\ {[292]} \end{gathered}$ | $\begin{aligned} & 10-5 / 8 \\ & {[270]} \end{aligned}$ | $\begin{gathered} 16-3 / 4 \\ {[425]} \end{gathered}$ | $\begin{gathered} 2-1 / 2 \\ {[64]} \end{gathered}$ |
| 20 | $\begin{gathered} 10 \times 8 \\ {[254 \times 203]} \end{gathered}$ | $\begin{gathered} 30 \\ {[762]} \end{gathered}$ | $\begin{gathered} 50 \\ {[1270]} \end{gathered}$ | $\begin{gathered} 50 \\ {[1270]} \end{gathered}$ | $\begin{gathered} 16 \\ {[406]} \end{gathered}$ | $\begin{aligned} & 44-1 / 2 \\ & {[1130]} \end{aligned}$ | $\begin{gathered} 2-3 / 4 \\ {[70]} \end{gathered}$ | $\begin{gathered} 11-1 / 2 \\ {[292]} \end{gathered}$ | $\begin{gathered} 10-5 / 8 \\ {[270]} \end{gathered}$ | $\begin{gathered} \text { 19-3/4 } \\ {[502]} \end{gathered}$ | $\begin{gathered} 2-1 / 2 \\ {[64]} \end{gathered}$ |
| 30 | $\begin{gathered} 10 \times 8 \\ {[254 \times 203]} \end{gathered}$ | $\begin{gathered} 30 \\ {[762]} \end{gathered}$ | $\begin{gathered} 59 \\ {[1499]} \end{gathered}$ | $\begin{gathered} 56 \\ {[1422]} \end{gathered}$ | $\begin{gathered} \mathbf{2 5} \\ {[635]} \end{gathered}$ | $\begin{gathered} 51 \\ {[1295]} \end{gathered}$ | $\begin{gathered} \mathbf{4} \\ {[102]} \end{gathered}$ | $\begin{gathered} 11-1 / 2 \\ {[292]} \end{gathered}$ | $\begin{gathered} 10-5 / 8 \\ {[270]} \end{gathered}$ | $\begin{gathered} 24-1 / 4 \\ {[629]} \end{gathered}$ | $\begin{gathered} 10 \\ {[254]} \end{gathered}$ |
| 40 | $\begin{gathered} 10 \times 8 \\ {[254 \times 203]} \end{gathered}$ | $\begin{gathered} 30 \\ {[762]} \end{gathered}$ | $\begin{gathered} 68 \\ {[1727]} \end{gathered}$ | $\begin{gathered} 59 \\ {[1499]} \end{gathered}$ | $\begin{gathered} 25 \\ {[635]} \end{gathered}$ | $\begin{gathered} 59 \\ {[1499]} \end{gathered}$ | $\begin{aligned} & 4-1 / 2 \\ & {[114]} \end{aligned}$ | $\begin{gathered} 11-1 / 2 \\ {[292]} \end{gathered}$ | $\begin{gathered} 10-5 / 8 \\ {[270]} \end{gathered}$ | $\begin{gathered} 28-3 / 4 \\ {[730]} \end{gathered}$ | $\begin{gathered} 10 \\ {[254]} \end{gathered}$ |

