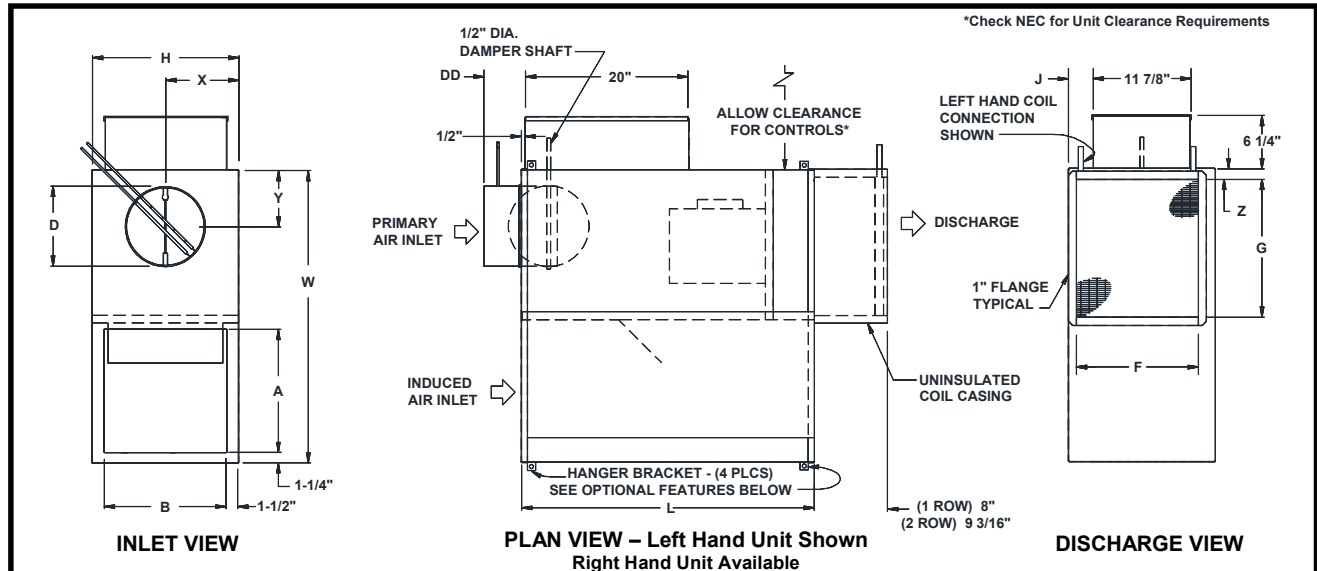


JOB NAME \_\_\_\_\_  
 ARCHITECT \_\_\_\_\_  
 ENGINEER \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 LOCATION \_\_\_\_\_

## KQFS w/ ELECTRONIC CONTROLS and HOT WATER HEAT CONSTANT VOLUME FAN TERMINAL UNIT, SIZES 2-7



### STANDARD FEATURES:

- 20 Ga. galvanized steel construction.
- Control enclosure for electronic components.
- 1/2" thick dual density fiberglass insulation meeting **NFPA 90A** and **UL 181** safety requirements.
- ☐ 120V ☐ 208V/240V ☐ 277V multi-voltage, single speed, single phase, permanently lubricated PSC motors (Unit Size 7 not available in 120V).
- Field adjustable fan speed control.
- Integral induced air attenuator.
- Motor/blower isolation.
- Removable bottom panel allows easy access to motor-blower assembly, primary air damper and water coil.
- Four quadrant averaging cross flow sensor inlet size 6-10 (DD=4 7/8") sizes 12-16 (DD=6 7/8").
- Discharge requires a flanged duct connection by others.
- Factory supplied 24 volt control transformer.
- **ETL** listed – Adherence to **UL1995** and **CSA C22.2 No.236.95**
- **AHRI** certified sound ratings.

**NOTE:** Dimensions are given in inches

### OPTIONAL FEATURES:

- ☐ ECM Motor (Available on Unit Size 3, 6, & 7)
  - ☐ Manual Control      ☐ 0-10Vdc Remote Control
  - ☐ 2-10Vdc Remote Control
  - ☐ 120V      ☐ 208V/240V      ☐ 277V
- Liners:
  - ☐ 1" Dual density fiberglass insulation
  - ☐ 1/2" Cellular insulation
  - ☐ 1" Cellular insulation
  - ☐ 13/16" Steriliner Duct Board Insulation
  - ☐ 1/2" Foil encapsulated fiberglass insulation
  - ☐ 1" Foil encapsulated fiberglass insulation
  - ☐ Solid Metal Liner w/ 1/2" Dual Density Fiberglass
  - ☐ Perforated Metal Liner w/ 1/2" Dual Density Fiberglass
- ☐ Linear average sensor / inlet sizes 6-10 (DD = 4 7/8"), sizes 12 – 16 (DD = 6 7/8")
- ☐ Motor disconnect      ☐ Cam lock bottom access
- ☐ Motor fusing      ☐ Coil vent and drain
- ☐ Dust tight control enclosure
- ☐ Construction type induced air filter; Unit sizes 2 - 3 (17"x17"x1"); Unit sizes 4 - 7 (22"x19"x1")
- ☐ Hanger Brackets (not available with Double wall or Perf Double wall)

| UNIT SIZE | INLET SIZE | PSC HP | ECM HP | L      | W      | H       | INDUCED AIR |    | D      | DISCHARGE |    | J     | X  | Y      | Z      |
|-----------|------------|--------|--------|--------|--------|---------|-------------|----|--------|-----------|----|-------|----|--------|--------|
|           |            |        |        |        |        |         | A           | B  |        | F         | G  |       |    |        |        |
| 2         | 06         | 1/10   | -      | 39 1/2 | 36 1/8 | 18 1/16 | 15 1/8      | 15 | 5 7/8  | 15 1/8    | 17 | 3 1/8 | 9  | 6      | 2      |
| 2         | 08         | 1/10   | -      | 39 1/2 | 36 1/8 | 18 1/16 | 15 1/8      | 15 | 7 7/8  | 15 1/8    | 17 | 3 1/8 | 9  | 6      | 2      |
| 3         | 06         | 1/4    | 1/2    | 39 1/2 | 36 1/8 | 18 1/16 | 15 1/8      | 15 | 5 7/8  | 15 1/8    | 17 | 3 1/8 | 9  | 6      | 2      |
| 3         | 08         | 1/4    | 1/2    | 39 1/2 | 36 1/8 | 18 1/16 | 15 1/8      | 15 | 7 7/8  | 15 1/8    | 17 | 3 1/8 | 9  | 6      | 2      |
| 3         | 10         | 1/4    | 1/2    | 39 1/2 | 36 1/8 | 18 1/16 | 15 1/8      | 15 | 9 7/8  | 15 1/8    | 17 | 3 1/8 | 9  | 7      | 2      |
| 4         | 10         | 1/4    | -      | 42 1/8 | 46 1/8 | 20 1/16 | 20 1/8      | 17 | 9 7/8  | 15 1/8    | 17 | 4 1/8 | 10 | 7      | 3 3/16 |
| 4         | 12         | 1/4    | -      | 42 1/8 | 46 1/8 | 20 1/16 | 20 1/8      | 17 | 11 7/8 | 15 1/8    | 17 | 4 1/8 | 10 | 8      | 3 3/16 |
| 5         | 12         | 1/2    | -      | 42 1/8 | 46 1/8 | 20 1/16 | 20 1/8      | 17 | 11 7/8 | 17 5/8    | 25 | 4 1/8 | 10 | 8      | 1      |
| 5         | 14         | 1/2    | -      | 42 1/8 | 46 1/8 | 20 1/16 | 20 1/8      | 17 | 13 7/8 | 17 5/8    | 25 | 4 1/8 | 10 | 10     | 1      |
| 6         | 10         | 3/4    | 1      | 42 1/8 | 46 1/8 | 20 1/16 | 20 1/8      | 17 | 9 7/8  | 17 5/8    | 25 | 4 1/8 | 10 | 7      | 1      |
| 6         | 12         | 3/4    | 1      | 42 1/8 | 46 1/8 | 20 1/16 | 20 1/8      | 17 | 11 7/8 | 17 5/8    | 25 | 4 1/8 | 10 | 8      | 1      |
| 6         | 14         | 3/4    | 1      | 42 1/8 | 46 1/8 | 20 1/16 | 20 1/8      | 17 | 13 7/8 | 17 5/8    | 25 | 4 1/8 | 10 | 10     | 1      |
| 7         | 14         | 1      | 1      | 42 1/8 | 46 1/8 | 20 1/16 | 20 1/8      | 17 | 13 7/8 | 17 5/8    | 25 | 4 1/8 | 10 | 10     | 1      |
| 7         | 16         | 1      | 1      | 42 1/8 | 46 1/8 | 20 1/16 | 20 1/8      | 17 | 15 7/8 | 17 5/8    | 25 | 4 1/8 | 10 | 10 1/4 | 1      |

Product Information is Subject to Change Without Notice