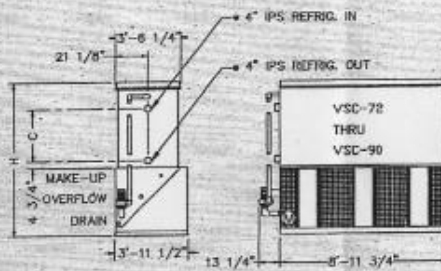
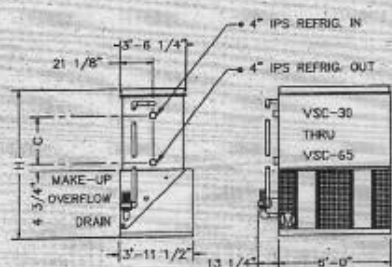
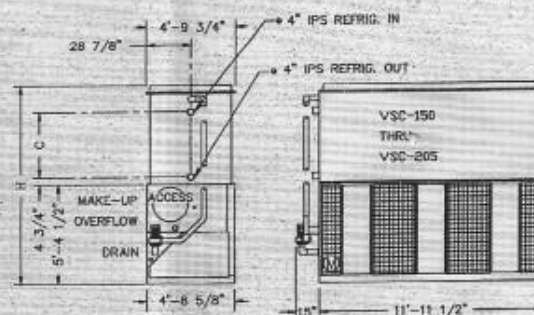
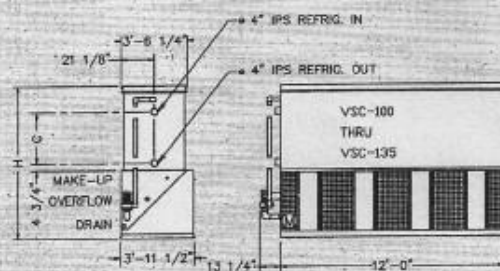


# Engineering Data for VSC Units



## (M) Fan Motor Location

Note: Sufficient space must be provided for entry to access doors located on opposite side of air inlet side.



| General Information |             |         |                    |                |               |                         |                       |                          |                          |                     |                            | Remote Sump Data |                          |           |
|---------------------|-------------|---------|--------------------|----------------|---------------|-------------------------|-----------------------|--------------------------|--------------------------|---------------------|----------------------------|------------------|--------------------------|-----------|
| Model Number*       | R-717 Tons* | Fan CFM | Fan HP @ 0" static | Water Flow GPM | Water Pump HP | R-717 Oper. Charge lbs. | Heaviest Section lbs. | Apprx. Oper. Weight lbs. | Apprx. Ship. Weight lbs. | Coil Center (C) in. | Overall Height (H) ft.-in. | Drain Size in.   | Apprx. Oper. Weight lbs. | Gal. Req. |
| VSC-30              | 21          | 8200    | 3                  | 75             | .5            | 35                      | 2010*                 | 2300                     | 2010                     | 13 1/4              | 6-7 1/4                    | 3                | 1990                     | 50        |
| VSC-38              | 27          | 8900    | 3                  | 75             | .5            | 45                      | 2240*                 | 2560                     | 2240                     | 21 3/4              | 7-3 3/4                    | 3                | 2250                     | 50        |
| VSC-46              | 33          | 8500    | 3                  | 75             | .5            | 61                      | 1650                  | 2880                     | 2540                     | 30 1/4              | 8-0 1/4                    | 3                | 2570                     | 50        |
| VSC-52              | 37          | 10200   | 5                  | 75             | .5            | 65                      | 1700                  | 2930                     | 2590                     | 30 1/4              | 8-0 1/4                    | 3                | 2620                     | 50        |
| VSC-58              | 41          | 9800    | 5                  | 75             | .5            | 76                      | 1940                  | 3230                     | 2860                     | 38 3/4              | 8-8 3/4                    | 3                | 2920                     | 50        |
| VSC-65              | 46          | 11600   | 7.5                | 75             | .5            | 80                      | 2010                  | 3300                     | 2930                     | 38 3/4              | 8-8 3/4                    | 3                | 2990                     | 50        |
| VSC-72              | 51          | 12300   | 5                  | 115            | .75           | 90                      | 2400                  | 4210                     | 3510                     | 33 1/4              | 8-3 1/4                    | 4                | 3770                     | 75        |
| VSC-80              | 57          | 14500   | 7.5                | 115            | .75           | 100                     | 2470                  | 4280                     | 3580                     | 33 1/4              | 8-3 1/4                    | 4                | 3840                     | 75        |
| VSC-90              | 64          | 14000   | 7.5                | 115            | .75           | 110                     | 2850                  | 4750                     | 4000                     | 42 1/2              | 9-0 1/2                    | 4                | 4310                     | 75        |
| VSC-100             | 71          | 19600   | 7.5                | 150            | 1             | 120                     | 3060                  | 5420                     | 4450                     | 33 1/4              | 8-3 1/4                    | 4                | 4830                     | 105       |
| VSC-110             | 78          | 22000   | 10                 | 150            | 1             | 130                     | 3140                  | 5500                     | 4530                     | 33 1/4              | 8-3 1/4                    | 4                | 4910                     | 105       |
| VSC-125             | 89          | 21000   | 10                 | 150            | 1             | 145                     | 3640                  | 6080                     | 5060                     | 42 1/2              | 9-0 1/2                    | 4                | 5490                     | 105       |
| VSC-135             | 96          | 23000   | 15                 | 150            | 1             | 145                     | 3640                  | 6100                     | 5180                     | 42 1/2              | 9-0 1/2                    | 4                | 5570                     | 105       |
| VSC-150             | 106         | 28200   | 10                 | 220            | 1.5           | 170                     | 4920                  | 8730                     | 7480                     | 33 1/4              | 9-11 5/8                   | 6                | 7880                     | 140       |
| VSC-165             | 117         | 27200   | 10                 | 220            | 1.5           | 210                     | 5830                  | 9680                     | 8060                     | 42 1/2              | 10-8 7/8                   | 6                | 8830                     | 140       |
| VSC-185             | 131         | 33300   | 15                 | 220            | 1.5           | 230                     | 5930                  | 9770                     | 8170                     | 42 1/2              | 10-8 7/8                   | 6                | 8920                     | 140       |
| VSC-205             | 145         | 35800   | 20                 | 220            | 1.5           | 245                     | 6580                  | 10420                    | 8820                     | 51 3/4              | 11-6 1/8                   | 6                | 9570                     | 140       |

\*Model numbers denote nominal tons using R-22 at 105°F condensing temperature, +40°F suction temperature, and 78°F wet bulb. R-717 tons are at 96.3°F condensing temperature, +20°F suction temperature, and 78°F wet bulb.

†Unit ships in one piece.

All dimensions are approximate and are not to be used for construction for which certified prints will be furnished.

See page 13 for notes.

