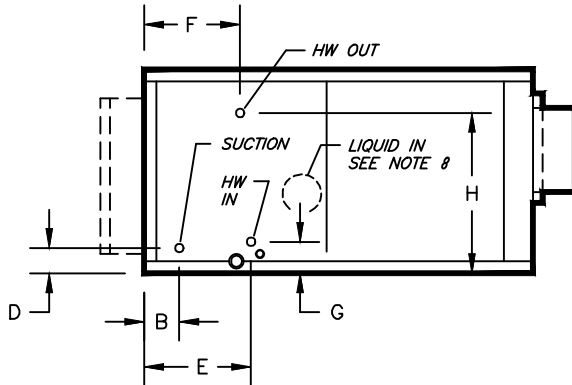


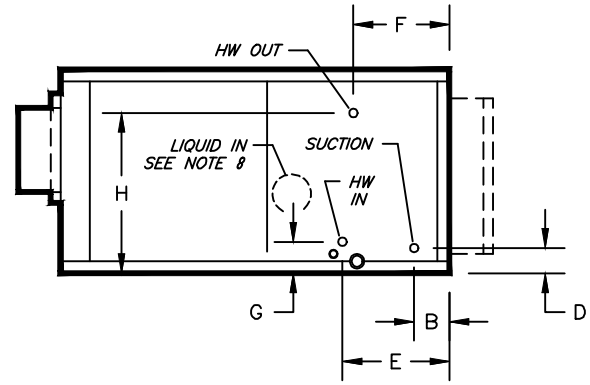
# KBH, KBV - HORIZONTAL & VERTICAL BLOWER COIL

COIL CONNECTION LOCATION - 2 ROW WATER COIL IN RE-HEAT WITH 6 ROW DX COIL IN COOLING

## SUBMITTAL SHEET

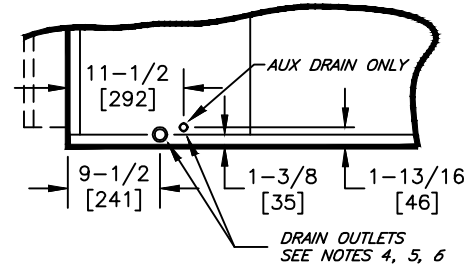


**RIGHT HAND**



**LEFT HAND**

| STANDARD CIRCULATION |                    |                 |                 |                |                 |
|----------------------|--------------------|-----------------|-----------------|----------------|-----------------|
| SIZE                 | COIL<br>CONNECTION | E               | F               | G              | H               |
| 08                   | 5/8<br>[16]        | 13-3/8<br>[340] | 11-3/4<br>[298] | 4-1/8<br>[105] | 15-3/4<br>[401] |
| 12                   |                    |                 |                 |                |                 |
| 16                   | 7/8<br>[23]        | 13-1/2<br>[343] | 11-5/8<br>[295] |                | 15-7/8<br>[404] |
| 20                   |                    |                 |                 |                | 20-7/8<br>[531] |
| 30                   | 1-1/8<br>[29]      |                 |                 |                | 23-1/8<br>[588] |
| 40                   | 1-3/8<br>[35]      |                 |                 |                |                 |



**TYPICAL DRAIN LOCATIONS**

| "LO GPM" CIRCULATION |                    |                 |                 |                |                 |                 |                 |
|----------------------|--------------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|
| SIZE                 | COIL<br>CONNECTION | E               | F               | G              | H               |                 |                 |
| 08                   | 5/8<br>[16]        | 13-3/8<br>[340] | 11-3/4<br>[298] | 3-1/8<br>[86]  | 16-3/4<br>[426] |                 |                 |
| 12                   |                    |                 |                 | 4-1/8<br>[105] | 15-3/4<br>[401] |                 |                 |
| 16                   |                    |                 |                 |                |                 | 15-7/8<br>[404] |                 |
| 20                   | 7/8<br>[23]        | 13-1/2<br>[343] | 11-5/8<br>[295] |                |                 |                 |                 |
| 30                   |                    |                 |                 |                |                 |                 | 20-7/8<br>[531] |
| 40                   | 1-1/8<br>[29]      |                 |                 |                |                 |                 |                 |

| "HIGH GPM" CIRCULATION |                 |                 |                 |                 |                 |
|------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| SIZE                   | COIL CONNECTION | E               | F               | G               | H               |
| 08                     | 7/8<br>[23]     | 13-1/2<br>[343] | 11-5/8<br>[295] | 4-1/8<br>[105]  | 15-3/4<br>[401] |
| 12                     |                 |                 |                 |                 |                 |
| 16                     | 1-1/8<br>[29]   |                 |                 |                 | 15-7/8<br>[404] |
| 20                     |                 |                 |                 |                 |                 |
| 30                     | 1-3/8<br>[35]   |                 |                 | 20-5/8<br>[524] |                 |
| 40                     |                 | 4-3/8<br>[112]  | 23-1/8<br>[588] |                 |                 |

**NOTES:**

- ALL DIMENSIONS ARE INCHES [MM]
- ALL DIMENSIONS ARE  $\pm 1/2"$  [13]
- METRIC VALUES ARE SOFT CONVERSION
- STANDARD GALVANIZED IAQ DRAIN PAN HAS 1-1/8" ODM COPPER CONNECTION ON ONE SIDE. STAINLESS STEEL IAQ DRAIN PAN HAS 1" GALVANIZED SCH. 40 THREADED STEEL CONNECTION ON ONE SIDE ONLY. OPTIONAL AUX CONNECTION IS 3/8" GALVANIZED SCH. 40 THREADED STEEL ON SAME SIDE AS COIL HAND.
- OPTIONAL FLAT GALVANIZED DRAIN PAN HAS 1-1/8" ODM COPPER CONNECTION. OPTIONAL AUX CONNECTION IS 5/8" ODM COPPER. STANDARD AND AUX CONNECTIONS ARE ON BOTH SIDES. CAP UNUSED CONNECTIONS.
- HEATING-ONLY UNITS MAY NOT INCLUDE A DRAIN PAN UNDER HEATING COIL. SEE ACTUAL ORDER DOCUMENTS.
- HORIZONTAL UNIT SHOWN. COIL CONNECTION LOCATIONS ARE TYPICAL FOR VERTICAL UNITS RELATIVE TO LOWER BOTTOM CORNER AT ENTERING AIR SIDE
- CONNECTION AT REFRIGERANT DISTRIBUTOR IS INTERNAL TO ALLOW PROPER INSTALLATION OF EXPANSION VALVE
- ALL CONNECTIONS ARE ODM COPPER SWEAT UNLESS OTHER NOTED
- FIELD PIPING SHOULD BE BASED ON JOB REQUIREMENTS, NOT UNIT CONNECTION SIZE

Revision Date: 12/14

Form: BCS11-WC45

Replaces: NEW