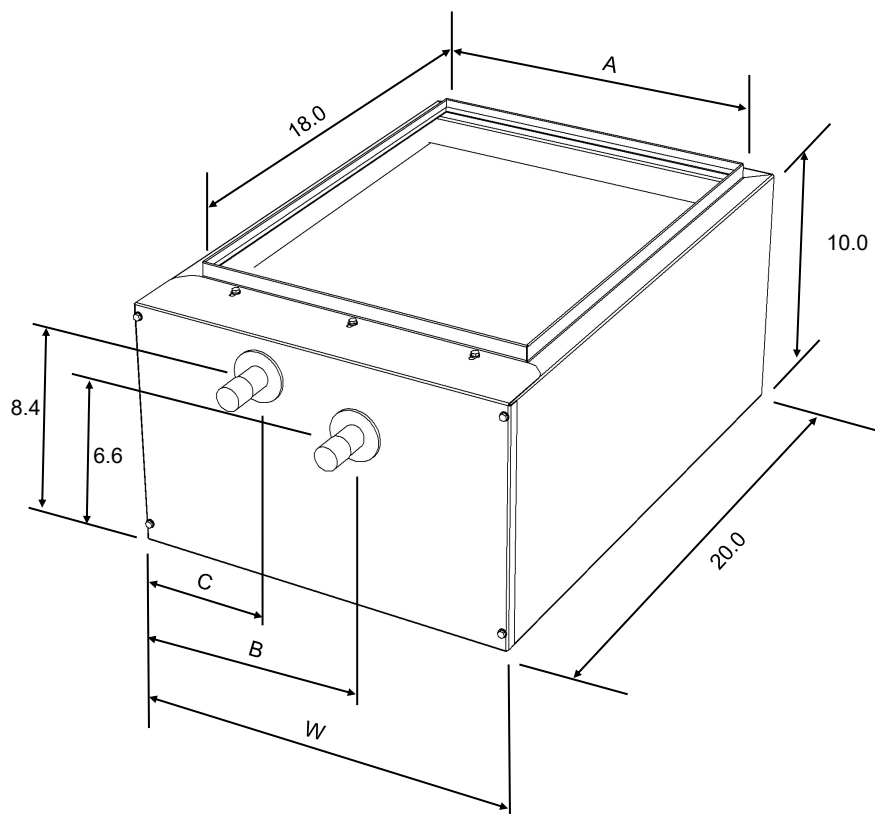
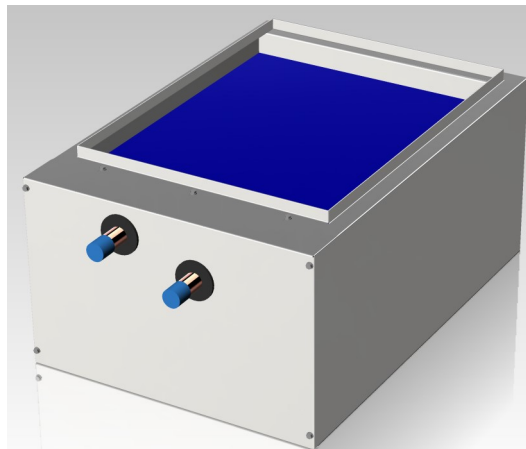




# RHB SERIES

Cased Hot Water Heating Coils

The **RHB Series** cased hot water coil is designed for use with existing or new air handlers in horizontal or vertical upflow discharge arrangement, or may be installed in the ductwork. They may be installed on the return side of the air handler if required (see installation recommendations). These economical coils allow hot water heating when connected to an adequate hot water source, and fit a variety of air handling units. Coils include galvanized embossed casing and foil faced insulation for a neat clean appearance and simple installation.



| Physical Data |                     |      |              |                                |                   |                   |
|---------------|---------------------|------|--------------|--------------------------------|-------------------|-------------------|
| Model         | Coil Face Area (SF) | Rows | Case width W | Duct Connection Width (Flange) | Return Connection | Supply Connection |
|               |                     |      |              | A                              | B                 | C                 |
| RHB3256G      | 1.89                | 3    | 17.5         | 15.6                           | 11.3              | 7.4               |
| RHB3324G      | 2.38                | 3    | 21.0         | 19.1                           | 14.8              | 10.9              |
| RHB3368G      | 2.72                | 3    | 24.5         | 22.6                           | 18.3              | 14.4              |



# RHB SERIES

Cased Hot Water Heating Coils

## Coil Performance

| RHB3256G |                      |     |                          |           |                         |
|----------|----------------------|-----|--------------------------|-----------|-------------------------|
| CFM      | Air PD<br>(in. w.g.) | GPM | Fluid<br>PD (ft<br>w.g.) | LDB<br>°F | Heat<br>Capacity<br>MBH |
| 600      | 0.11                 | 5.0 | 5.2                      | 140       | 49.0                    |
| 700      | 0.14                 | 5.7 | 6.5                      | 137       | 55.1                    |
| 800      | 0.18                 | 6.3 | 7.7                      | 135       | 61.1                    |
| 900      | 0.22                 | 6.8 | 9.0                      | 133       | 66.4                    |
| 1000     | 0.26                 | 7.3 | 10.3                     | 130       | 71.4                    |

| RHB3324G |                      |     |                          |           |                         |
|----------|----------------------|-----|--------------------------|-----------|-------------------------|
| CFM      | Air PD<br>(in. w.g.) | GPM | Fluid<br>PD (ft<br>w.g.) | LDB<br>°F | Heat<br>Capacity<br>MBH |
| 600      | 0.07                 | 5.3 | 4.0                      | 144       | 51.9                    |
| 700      | 0.09                 | 6.0 | 4.9                      | 142       | 58.6                    |
| 800      | 0.12                 | 6.7 | 5.9                      | 139       | 65.0                    |
| 900      | 0.15                 | 7.3 | 7.0                      | 137       | 71.1                    |
| 1000     | 0.17                 | 7.9 | 8.0                      | 136       | 77.0                    |
| 1100     | 0.21                 | 8.5 | 9.1                      | 134       | 82.5                    |
| 1200     | 0.24                 | 9.0 | 10.2                     | 132       | 87.7                    |

| RHB3368G |                      |      |                          |           |                         |
|----------|----------------------|------|--------------------------|-----------|-------------------------|
| CFM      | Air PD<br>(in. w.g.) | GPM  | Fluid<br>PD (ft<br>w.g.) | LDB<br>°F | Heat<br>Capacity<br>MBH |
| 800      | 0.11                 | 7.5  | 5.2                      | 148       | 72.9                    |
| 900      | 0.13                 | 8.2  | 6.2                      | 147       | 80.1                    |
| 1000     | 0.16                 | 8.9  | 7.2                      | 145       | 87.1                    |
| 1100     | 0.19                 | 9.6  | 8.2                      | 143       | 93.8                    |
| 1200     | 0.22                 | 10.3 | 9.3                      | 142       | 100.4                   |
| 1300     | 0.25                 | 10.9 | 10.3                     | 140       | 106.5                   |
| 1400     | 0.29                 | 11.5 | 11.4                     | 139       | 112.4                   |

### Notes:

Capacity data is based on 180°F entering water temperature, 160°F leaving water temperature, 65°F entering air dry bulb temperature.

### LEGEND

CFM Cubic Feet per Minute airflow  
PD Pressure Drop  
GPM Gallons per Minute water flow  
LDB Leaving Air Dry Bulb temp  
MBH thousand BTU/hr