



# Horizontal Concealed Ceiling Mounted Air Handler

## *Standard Features*

### **High efficiency**

- Advanced engineered High Efficiency Slab Coil Design
- PSC or ECM Brushless DC Motor
- Meets ASHRAE 193 standard for < 2% airflow leak loss

### **Ease of installation**

- Space saving design
- Easy access for service and maintenance
- Pre-wired for heating and cooling
- Primary and secondary drain connections

### **Multiple cooling options**

- DX cooling coil
- Chilled Water coil

### **Multiple heating options**

- Heat Pump
- Electric heat models are 208/230/1/60
- Hot water heat models are 115/1/60
- Water circulating pump pre-installed on hot water models

### **Field installed options**

- Louvered or non-louvered ceiling access panels
- Time delay relay

### **Standard Warranty**

- 5 Year Coil
- 1 Year Parts

## Horizontal Concealed Ceiling Mounted Air Handler

**SEHX/CEHX** Direct Expansion Cooling/Electric Heating  
**SCWE/CCWE** Chilled Water Cooling/Electric Heating

**SDXW/CDXW** Direct Expansion Cooling/Hot Water Heating  
**SCWW/CCWW** Chilled Water Cooling/Hot Water Heating

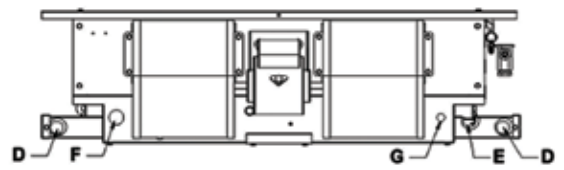
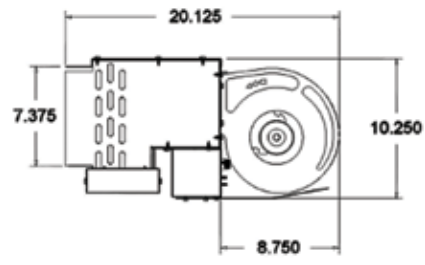
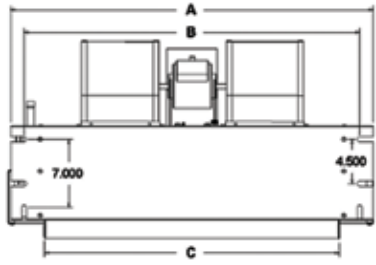
The **S/C Series Concealed Air Handlers** are engineered to achieve or exceed today's demanding energy rating requirements. Specifically designed for horizontal mounting into a furred down ceiling. Advanced engineering allows these units to efficiently handle up to 1200 CFM and up to 3 tons of cooling with a DX cooling coil, heat pump coil or Chilled Water coil. These units are available with up to 10 KW of electric heat or up to 51,000 MBTUH of hot water heating capacity. For DX cooling requirements, these air handlers can be matched with most manufacturer's condensing units and heat pumps.

The **"C" Series** cased concealed ceiling unit has been designed to meet ASHRAE Standard 193 to not exceed 2% air leak loss.

The **"S" Series Air Handlers** are exposed blower type and the **"C" Series Air Handlers** are equipped with an insulated cabinet over the top and sides. The bottom of the case is open to accommodate a solid or louvered filtered access panel.

The cased units have a knock-out for rear return air. Return air duct flanges and filter racks are field supplied.

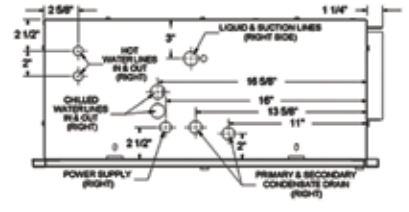
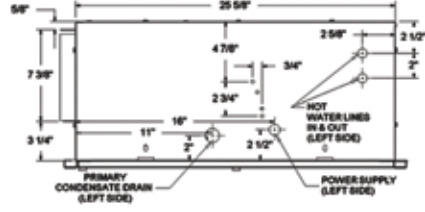
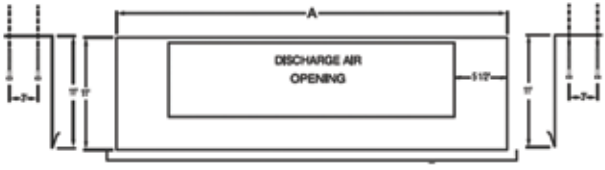
### UNCASED UNITS



D— 3/4" MALE DRAIN CONNECTION PRIMARY  
 E — 3/4" MALE DRAIN CONNECTION SECONDARY  
 F — 7/8" POWER CONNECTION  
 G— 9/16" THERMOSTAT CONNECTION

| Model    | A     | B     | C     |
|----------|-------|-------|-------|
| 18,19,24 | 37.00 | 34.25 | 30.00 |
| 25,30,31 | 45.00 | 42.25 | 38.00 |
| 34,35    | 49.00 | 46.25 | 42.00 |
| 36,37    | 56.00 | 53.25 | 49.00 |

### CASED UNITS



| Model    | A       | B      | C       | D      | E      | F      | G      | H        |
|----------|---------|--------|---------|--------|--------|--------|--------|----------|
| 18,19,24 | 41"     | 2 5/8" | 7 1/8"  | 4"     | 3"     | 5 1/4" | 2 5/8" | 3 3/4"   |
| 25,30,31 | 47"     | 2"     | 10 1/2" | 2 1/2" | 1 1/2" | 4 5/8" | 2"     | 2 11/16" |
| 34,35    | 53 1/2" | 3 1/4" | 13 3/4" | 3 1/4" | 2 3/4" | 5 7/8" | 3 1/4" | 3 15/16" |
| 36,37    | 60 1/2" | 3 1/4" | 17 1/2" | 3 1/4" | 2 3/4" | 5 7/8" | 3 1/4" | 3 15/16" |

| Discharge Air |              |
|---------------|--------------|
| 18,19,24      | 30" x 7 1/4" |
| 25,30,31      | 38" x 7 1/4" |
| 34,35         | 42" x 7 1/4" |
| 36,37         | 49" x 7 1/4" |

| Rear Return Knockout Opening |              |
|------------------------------|--------------|
| 18,19,24                     | 30" x 6 1/2" |
| 25,30,31                     | 38" x 6 1/2" |
| 34,35                        | 42" x 6 1/2" |
| 36,37                        | 49" x 6 1/2" |

