

Sizing, Installation, Dimensions and Weight

GOLD SD, size 50

DELIVERY AND TRANSPORT WITHIN THE SITE

The GOLD SD 50 units are available in right-hand or left-hand version as a fan section, fan + filter or fan + filter + coil heat exchanger.

The unit is always supplied as one unit. The air handling unit can be split at the building site to facilitate transporting it within the site. The sections are jointed together by means of bolts.

The GOLD SD can be used as a supply air or an return air handling unit. If both supply air and return air handling units are used in a ventilation system, the supply air unit is fitted with a control unit and the return air unit is without. A communication cable is used to connect them to one another making it possible to control both units.

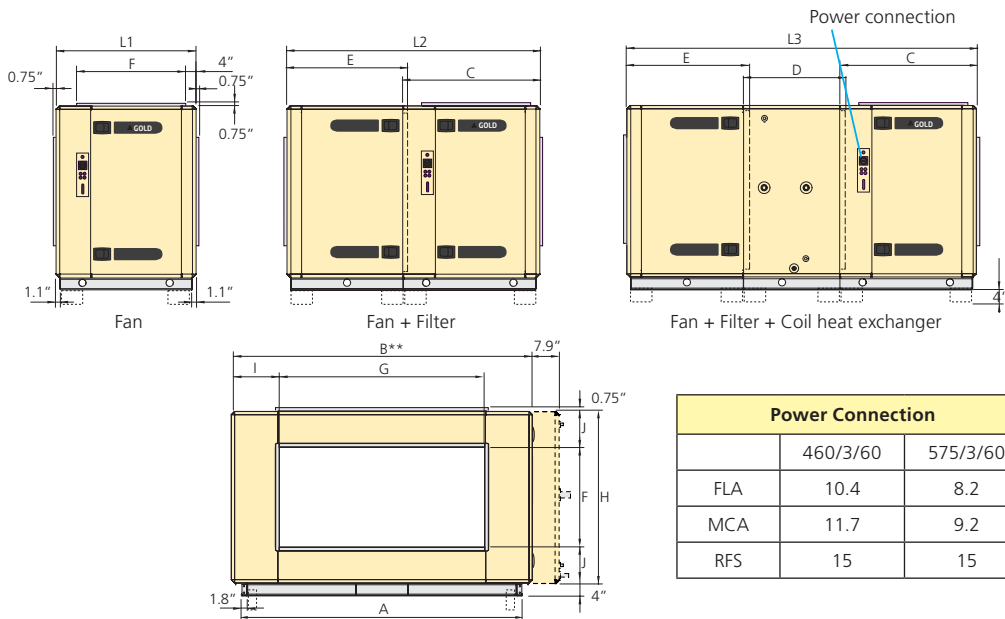
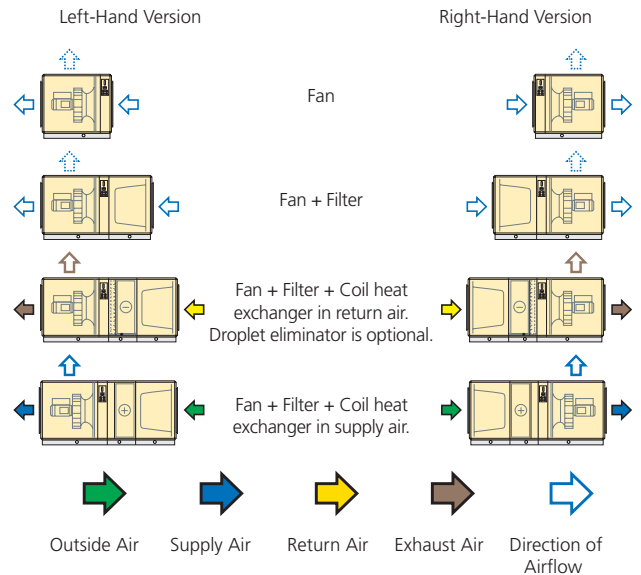
The unit is supplied on 4 inch high support feet made of steel.

DUCT CONNECTION OPTIONS

- A:** Specify right-hand or left-hand version when ordering!
- B:** Specify fan outlet for upward air discharge when placing orders (not applicable to outdoor units).

CLEAR SPACE FOR INSPECTION

A clear space of 44 inches should be provided in front of the unit.



Supplied on 4 inch high support feet. The feet can be removed or kept as they are when the unit is at its final location. The unit has provision for fitting the adjustable support feet.

* The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.

** Width of coil heat exchanger (if required) = B + 7.9 inches.

| Size | L1 | L2 | L3 | B | H | A | C | D | E | F | G | I | J |
|-------|------|------|-------|------|------|----|------|----|------|----|----|-------|------|
| SD 50 | 42.2 | 76.6 | 105.8 | 85.3 | 91.3 | 52 | 41.3 | 30 | 36.2 | 32 | 64 | 13.65 | 4.65 |

| Airflow ERV | Airflow CWC | Fan Wgt (lbs) | Fan + Filter Wgt (lbs) | Fan + Filter + Coil Wgt (lbs) |
|-------------|-------------------------------|---------------|------------------------|-------------------------------|
| 11,000 cfm | 10,800 cfm (based on 550 fpm) | 835-825 | 975-1125 | 1800-1950 |