

Sizing, Installation, Dimensions and Weight

GOLD SD, size 80

DELIVERY AND TRANSPORT WITHIN THE SITE

The GOLD SD 80 units are available in right-hand or left-hand version as a fan section, fan + filter or fan + filter + coil heat exchanger.

The air handling units are supplied as one unit if they each consist of a fan or fan+filter. If the unit consists of a fan + filter + coil heat exchanger, it is supplied as two units. The one unit then consists of a fan + coil heat exchanger and the other unit consists of a filter.

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.

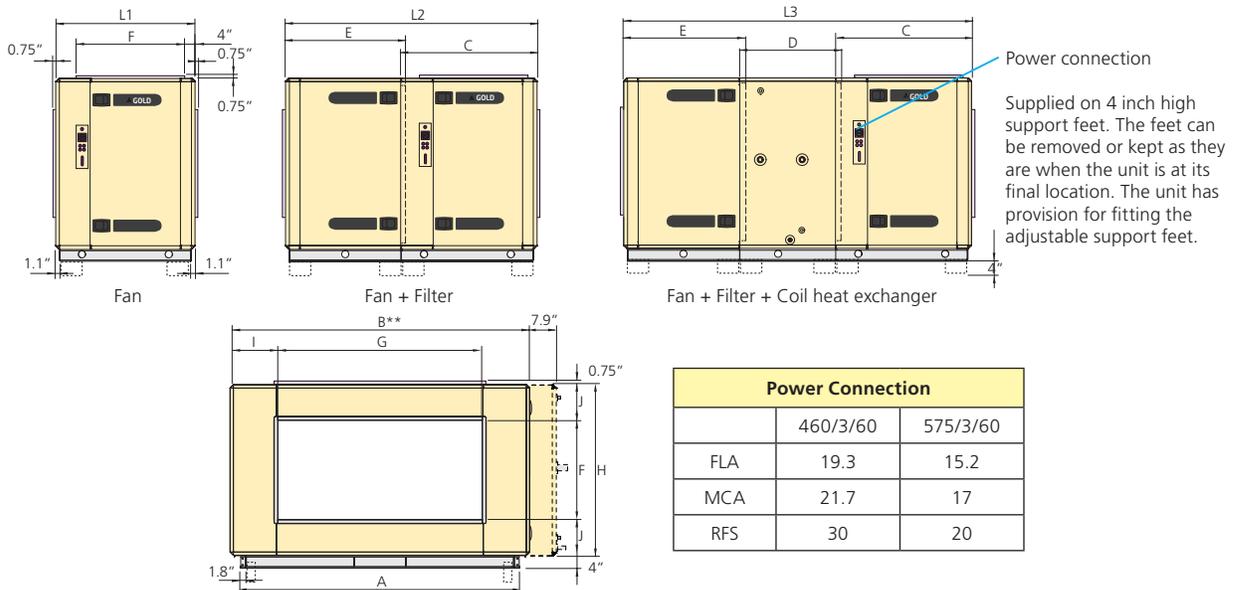
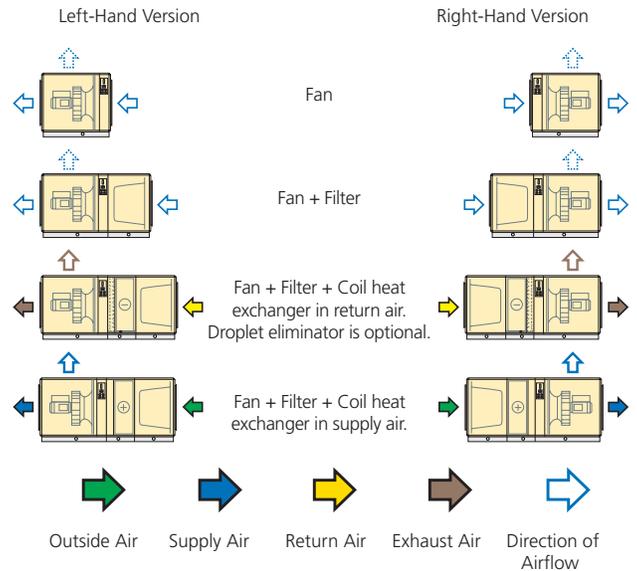
DUCT CONNECTION OPTIONS

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.



* 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 80	52.2	100.4	135.9	97.8	103.8	52	50.2	35.5	50.2	40	72	15.9	6

Airflow ERV	Airflow CWC	Fan Wgt (lbs)	Fan + Filter Wgt (lbs)	Fan + Filter + Coil Wgt (lbs)
23,500 cfm	15,200 cfm (based on 550 fpm)	1325-1410	1835-2000	3550-3720