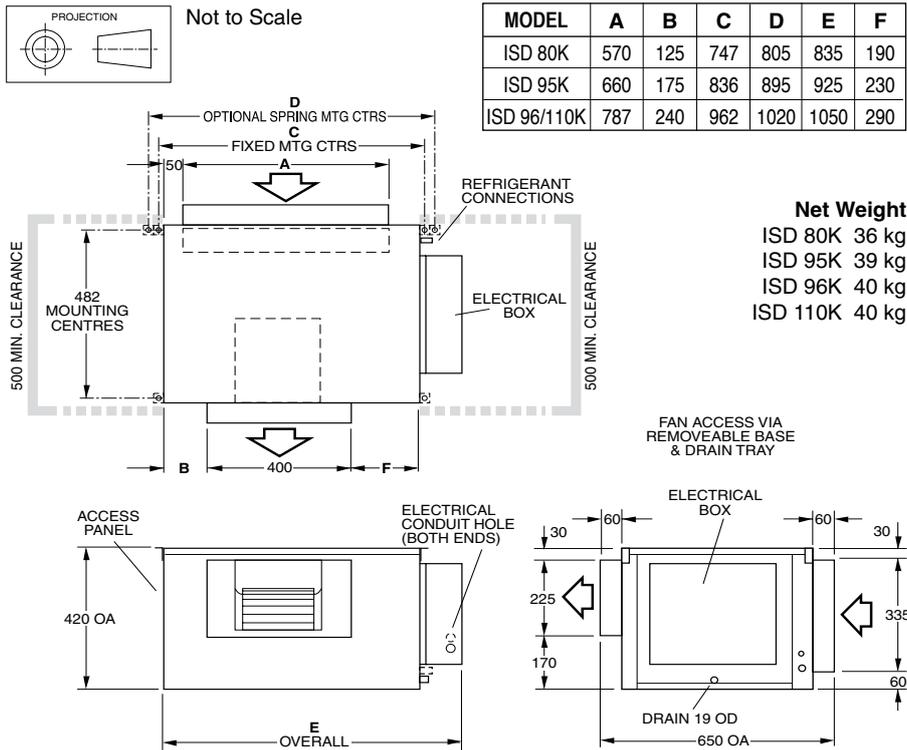


ISD 80/95/96/110 K-DN (c/w SAT-2 Controller)

Ducted Split System Indoor Units

Installation & Maintenance

Fig. 1 Dimensions (mm)



GENERAL

These ISD*K-DN indoor units are designed to be coupled with the OSA*RK outdoor units. The '-DN' indicates the unit is supplied complete with SAT-2 room temperature controller and safety drain tray.

Units must be installed in accordance with all national and local safety codes.

Combinations

- One ISD 80K with one OSA 80RKSH
- One ISD 95K with one OSA 95RKSH
- One ISD 96K with one OSA 95RKSH
- One ISD 110K with one OSA 110RKSH
- One ISD 110K with one OSA 110RKTH

Options

1. Filter Box c/w polypropylene net filter
2. Spring Mounting Kit
3. Electric Heater Box
4. Supply & Return Air Plenums
5. SAT-2 Accessories (refer overleaf).

SAFETY DRAIN TRAY

The unit is supplied with a safety drain tray to protect your ceiling against accidental damage. The safety drain tray is best secured to the ISD unit **after** the unit has been suspended in the ceiling, however it is possible to fit it **before** if circumstances make this easier.

Fig. 2 Spring Mounting

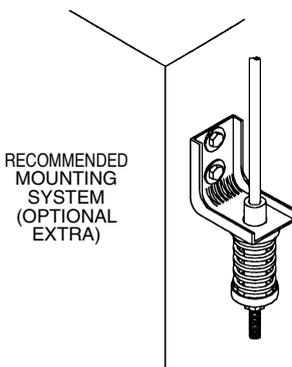
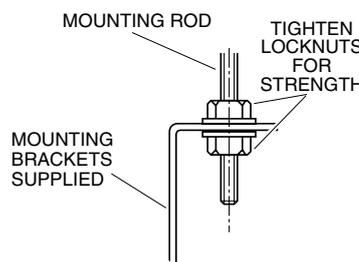


Fig. 3 Solid Mounting

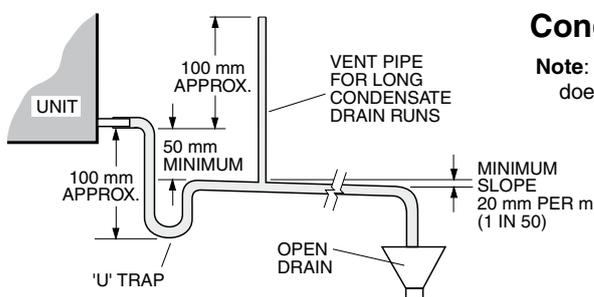


AIR FILTRATION / FILTER BOX (Option)

As air filtration requirements vary, filters are not supplied with the unit. Filters should ideally be installed on the return air side of the unit, no closer than 500mm from the back of the unit and easily accessible for cleaning. To maximise the efficiency of air flow, the return air filter should be twice the area of the ISD unit's return air spigot/s. If efficiency is less of a concern a Filter Box is available.

The Filter Box is installed by unscrewing the return air spigot and replacing it with the Filter Box's filter-integrated spigot. The filter may be accessed from either side of this spigot. This new spigot has a depth of 135 mm, instead of 60 mm.

Fig. 4



Condensate Drain

Note: The Safety Drain Tray does not require trapping.

ELECTRIC HEATER BOX (Option)

The Electric Heater Box is installed by unscrewing the supply air spigot and replacing it with the Electric Heat Box's element-integrated spigot. This new spigot has a depth of 195 mm, instead of 60 mm. A separate page of installation instructions is supplied with the Kit.