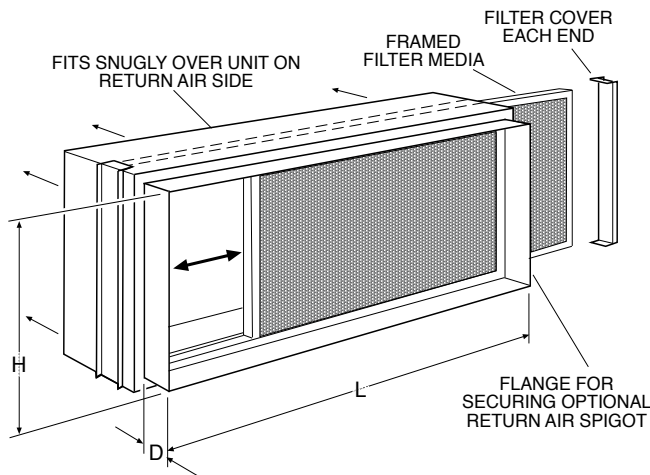


# Filter Box

## for ISD 86–280 KY

## Installation & Maintenance

### Dimensions (mm)



Model	L	H	D	Rating	Filter Area
ISD 86KY	835	355	55	EU2	0.324 m <sup>2</sup>
ISD 114/116 KY	932	355	55	EU2	0.360 m <sup>2</sup>
ISD 139/141 KY	1097	359	50	EU2	0.426 m <sup>2</sup>
ISD 159/164 KY	1097	359	50	EU2	0.447 m <sup>2</sup>
ISD 184KY	1287	359	50	EU2	0.498 m <sup>2</sup>
ISD 194/196/235 KY	1450	359	50	EU4	0.650 m <sup>2</sup>
ISD 280KY	1924	359	50	EU4	0.691 m <sup>2</sup>

Note: Once installed, filter box spigot sizes are same as on unit.

### GENERAL

The optional Filter Box has been designed to conveniently fit the following **temperzone** units:

Model	Filter Box
ISD 86KY:	Item No. 493-000-002
ISD 114/116 KY:	Item No. 493-000-003
ISD 139/141 KY:	Item No. 493-000-004
ISD 159/164 KY:	Item No. 493-000-005
ISD 184KY:	Item No. 493-000-006
ISD 194/196/235 KY:	Item No. 493-000-007
ISD 280KY:	Item No. 493-000-008

### Filter Media

ISD 86–184 KY: Washable synthetic fibre rated EU2/G2.

ISD 194–280 KY: Disposable, pleated and cardboard framed with slightly higher static resistance, rated EU4/G4.

Once installed filters may be accessed from either side of the filter box simply by removing one of the filter covers and sliding the frame out.

Note: The ISD 194/196/235 KY filter boxes have three filters joined with adhesive tape. ISD 280KY filter boxes have four framed filters joined with adhesive tape.

### COMPONENTS

Check that the following items are supplied and are in good order:

1. Filter Box c/w securing screws
2. Filter media - framed
3. Installation Instructions.

### Filter Pressure Drop

Fig.1 EU2/G2 rated filter media

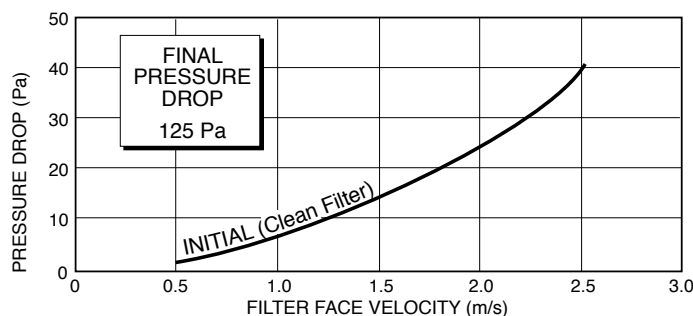
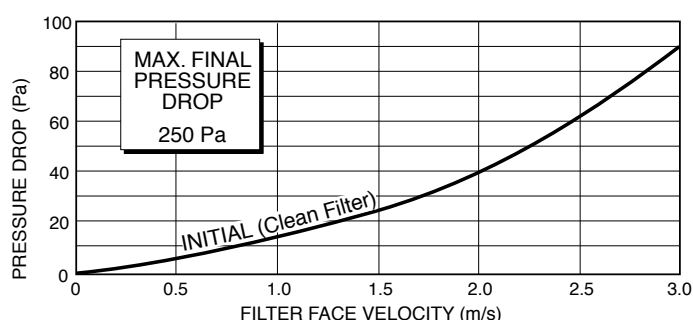


Fig.2 EU4/G4 rated filter media



### INSTALLATION

1. Mount the filter box on the unit by sliding it over (larger aperture first) the existing return air spigot. Note: On some ISD units two screws will need to be removed on the unit's top panel facing flange to permit a snug fit. These screws can be discarded.
2. Secure the filter box to the unit on sides, top and bottom using screws supplied. Pre-drilled holes are normally supplied on the unit, but if not, use a 3.25 mm bit size.
3. When installing the ISD unit, consideration needs to be given for allowing regular access to the filters for cleaning.

### MAINTENANCE

Dirty filters will reduce the performance of the air conditioning system. For optimum system efficiency the filters should be cleaned monthly by vacuuming.

### Note

Materials and specifications subject to change without notice due to the manufacturer's ongoing research and development programme.