

Supply & Return Air Plenums

for ISD 86–280 KY

Installation Instructions

GENERAL

The optional Supply and Return Air Plenums have been designed to conveniently fit the following **temperzone** units:

Supply Air Plenums

Model	Outlets	Size	Item No.
ISD 86KY:	1	Ø400	492-000-001
ISD 86KY:	2	Ø300	492-000-002
ISD 114KY:	2	Ø350	492-000-003
ISD 139KY:	2	Ø400	492-000-004
ISD 159–235 KY:	3	Ø400	492-000-005
ISD 280KY:	3	Ø400	492-000-006

Return Air Plenums

Model	Inlets	Size	Item No.
ISD 86KY:	2	Ø300	492-100-002
ISD 114KY:	2	Ø350	492-100-003
ISD 139/159 KY:	2	Ø400	492-100-004
ISD 184KY:	2	Ø400	492-100-005
ISD 196/235 KY:	3	Ø400	492-100-006
ISD 280KY:	3	Ø400	492-100-007

Fresh Air Inlet Spigot (option)

ISD 86–184KY:	Ø150	325-000-051
ISD 196–280 K:	Ø200	325-000-052

COMPONENTS

Supply Air Plenum

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

1. Supply Air Plenum.
2. Mounting screws.

Return Air Plenum

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

1. Return Air Plenum.
2. Mounting screws.

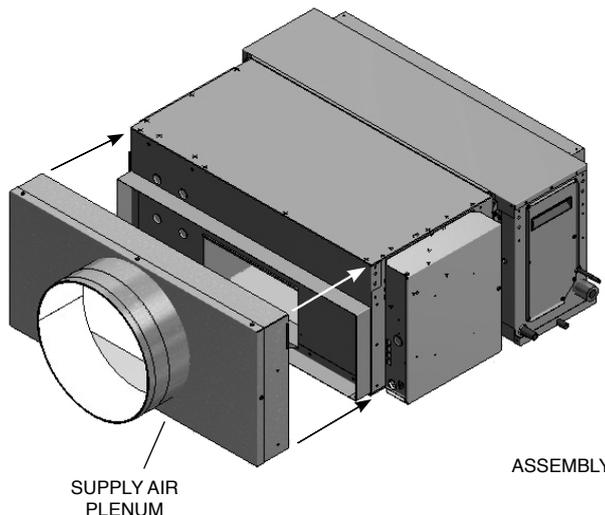
Fresh Air Inlet Spigot

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

1. Fresh air inlet spigot
2. Four 6 x 10 lg PK screws.

Fig.1 Supply Air Plenum

ISD 86KY shown



INSTALLATION

Supply Air Plenums

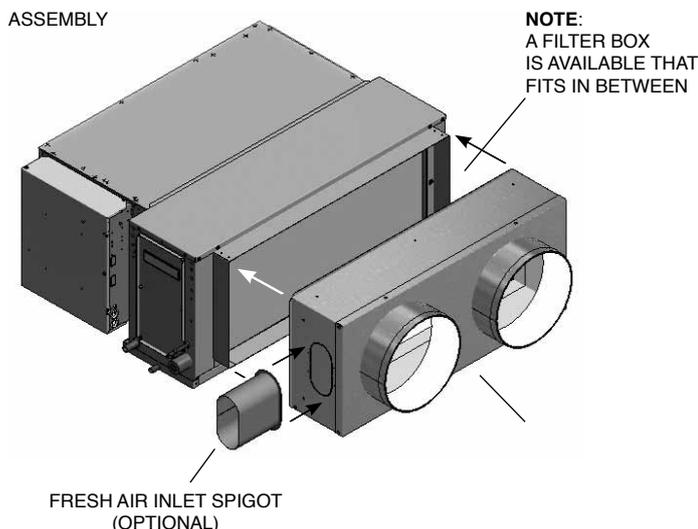
1. Mount the supply air plenum by sliding it over the unit (fig.1).
2. Secure the supply air plenum to the ISD unit using screws supplied through the plenums sides and bottom. Pre-drilled holes are normally supplied on the unit, but if not, use a 3.25 mm bit size.
3. Up to three screws (on larger plenums) are needed to secure the ISD/plenum faces together. The positioning guide for the screw/s is a cross-cut located inside each plenum spigot on the insulation face.

Return Air Plenums

1. Mount the return air plenum by sliding it over the unit's existing return air spigot (fig.2). 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 return air plenum to the unit using screws supplied. Pre-drilled holes are normally supplied on the unit, but if not, use a 3.25 mm bit size.

Fig.2 Return Air Plenum

ISD 86KY shown



Fresh Air Inlets (option)

Secure the fresh air inlet spigot to the appropriate Return Air plenum prior to plenum installation, as follows:

1. Knockout the pre-punched template in either the left or right side of the return air plenum.
2. Use a sharp knife to cut the plenum's insulation to the same shape as the inlet.
3. Secure the inlet spigot to the plenum using the four screws supplied.

Note

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