

Supply & Return Air Plenums

for ISD 87–324 KYX

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 87KYX:	1	Ø400	492-000-001
ISD 87KYX:	2	Ø300	492-000-002
ISD 116KYX:	2	Ø350	492-000-007
ISD 141KYX:	2	Ø350	492-000-003
ISD 141KYX:	2	Ø400	492-000-004
ISD 164–224 KYX:	3	Ø400	492-000-005
ISD 294KYX:	4	Ø400	492-000-030
ISD 324KYX:	5	Ø400	492-000-031

Return Air Plenums

Model	Inlets	Size	Item No.
ISD 87KYX:	2	Ø300	492-100-002
ISD 116KYX:	2	Ø350	492-100-003
ISD 141KYX:	2	Ø400	492-100-004
ISD 164/184KYX:	2	Ø400	492-100-005
ISD 194/224 KYX:	3	Ø400	492-100-006
ISD 294KYX:	4	Ø400	492-100-008
ISD 324KYX:	5	Ø400	492-100-009

Fresh Air Inlet Spigot (option)

ISD 87–184 KYX:	Ø150	325-000-051
ISD 194–324 KYX:	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.

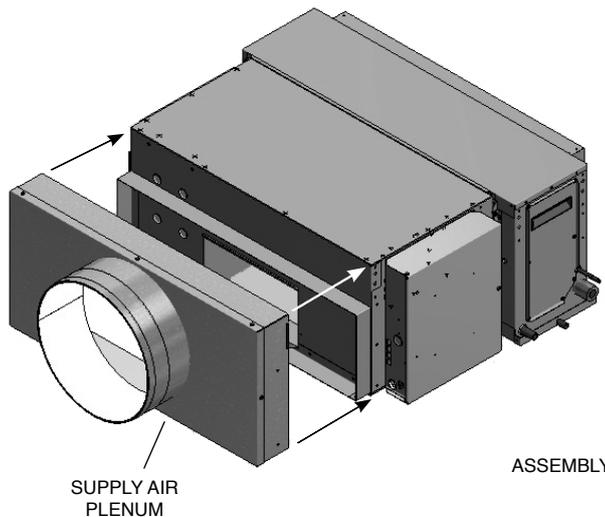
Fresh Air Inlet Spigot

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 86KYX shown



INSTALLATION

Supply Air Plenums

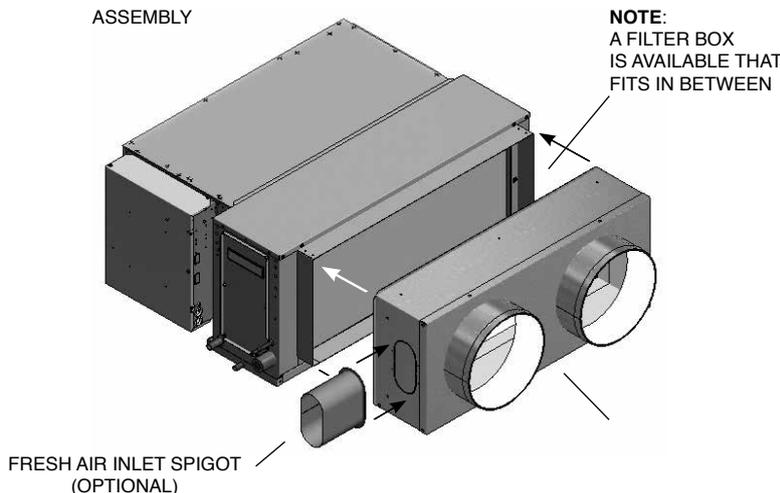
1. Mount the supply air plenum by sliding it over the unit (fig.1).
2. Secure the supply air plenum to the ISD unit using screws supplied through the plenums sides and bottom. Pre-drilled holes are normally supplied on the unit, but if not, use a 3.25 mm bit size.
3. Up to three screws (on larger plenums) 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 86KYX 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.