



Easyflex FCU / Heat Pump Hose Assemblies are designed to simplify connections between hydronic piping and HVAC terminal units such as fan coils and heat pumps. These flexible, factory-tested assemblies reduce installation time, absorb vibration, and provide long-lasting durability under demanding conditions. Each hose features a smooth EPDM rubber core, reinforced with a 304 stainless steel braid, and includes brass fittings with a swivel connection for easy alignment during installation.

## Construction Overview

Component	Material / Spec	Function
Tube	Smooth-bore EPDM rubber	Carries hot or chilled water
Braid	304 stainless steel overbraid	Reinforcement, abrasion and UV protection
Ferrules	Crimped 304 stainless steel	Leak-proof seal and mechanical protection
End Fittings	Brass MNPT (fixed) × FNPT swivel	Easy, twist-free installation
Gasket	Flat PTFE gasket (included)	Chemically resistant, reusable sealing

## End Fittings



## Why Choose These Assemblies

Advantage	Description
Swivel Design	Allows easy, twist-free installation
Long Service Life	UV- and corrosion-resistant materials
Lower Installation Cost	Faster than copper piping with fewer fittings
Factory-Tested Reliability	Hydro-tested, serialized, and quality controlled

**Note:** For water-based HVAC fluids only. Not suitable for gas or steam.

## Installation Guidelines

- Do not twist the hose; hold the body while tightening the swivel nut
- Respect the minimum bend radius—avoid kinking
- Use pipe supports to prevent excessive sag
- Pressure test the system after installation
- Inspect yearly and replace after visible wear or 5 years of service

## Typical Applications

- Fan coil units (2-pipe and 4-pipe systems)
- Water-source and geothermal heat pumps
- Unit ventilators and cabinet heaters
- Chilled beams and fan-powered terminals
- Condenser water and glycol loops

## Operating Parameters

Parameter	Value
Working Pressure	Up to 232 psi
Burst Pressure	4x working pressure
Temperature Range	-4°F to 230°F (300°F intermittent)
Minimum Bend Radius	8x hose outer diameter
Vacuum Rating	Full vacuum

Model No.	I.D. X Length	Ends
EFFCB1/2"X12"	1/2" X 12"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB1/2"X18"	1/2" X 18"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB1/2"X26"	1/2" X 26"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB1/2"X36"	1/2" X 36"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB1/2"X48"	1/2" X 48"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB3/4"X12"	3/4" X 12"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB3/4"X18"	3/4" X 18"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB3/4"X26"	3/4" X 26"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB3/4"X36"	3/4" X 36"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB3/4"X48"	3/4" X 48"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB1"X12"	1" X 12"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB1"X18"	1" X 18"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB1"X26"	1" X 26"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB1"X36"	1" X 36"	Solid MNPT x F Swivel & MNPT Adapter
EFFCB1"X48"	1" X 48"	Solid MNPT x F Swivel & MNPT Adapter

Working pressures are for a guide only at room temperatures due to temperature fluctuations in this application. Higher or lower ratings can be obtained in controlled testing environments.