

EZ Clip air conditioning hose assembly system

Get to know the popular **EZ Clip** air conditioning hose assembly system



Danfoss offers one of the simplest A/C hose assembly and highest performing A/C systems on the market today, **the EZ Clip system.**

The EZ Clip® system for air conditioning hose assembly is the perfect back-up to your extensive inventory of pre-made A/C hoses. There are hundreds of pre-made A/C hose configurations which makes it impossible to stock them all. However, you can stock the logical choices and then back up your A/C program with the easy-to-use Danfoss EZ Clip system. If you are servicing a heavy-duty truck, construction and Ag market, the EZ Clip system is a necessity.

- DIY air conditioning hose assembly
- No crimp equipment required
- Best-selling air conditioning hose assembly system
- Over 300 end configurations
- OEM hose assembly performance
- Double O-ring seal on the hose nipple ensures optimum sealing
- Patent pending GH001 EverCool A/C 2-layer, low effusion hose

Easy as



Multi-Refrigerant hose
EverCool GH001



Flexible hose lines offer many advantages over rigid tubing including routing ease, vibration absorption, sound deadening, and the ability to accommodate movement of connected components.

SAE J2064 Type E
Temperature Range: -40° C to +140° C
(-40° F to + 284° F)

Part #	Hose I.D.	Working Pressure
GH001-4	.20	500 psi
GH001-6	.31	500 psi
GH001-8	.41	500 psi
GH001-10	.50	500 psi
GH001-12	.63	500 psi
GH001-16	.89	500 psi

Refrigerant compatibility

R134a, R1234yf, R407C, R404A, R12 and other refrigerants

EZ Clip end connections
for a variety of applications.



Long custom tube – you have options! Danfoss' Lifesaver fittings support using the existing rigid tube, by replacing the hose nipple end with a braze on the EZ Clip Lifesaver fitting and connecting to GH001 hose. Another option includes the Danfoss Compression fitting series, EJ3809.

Compression Part Numbers	Compression Part Numbers
EJ3809-01-0606S	EJ3809-06-0810S
EJ3809-02-0806S	EJ3809-07-1010S
EJ3809-03-0608S	EJ3809-08-1012S
EJ3809-04-0808S	EJ3809-09-1212S
EJ3809-05-1008S	EJ3809-10-1210S

Lubricant compatibility

POE, PAG, Mineral Oil, Alkybenzene*

* Contact product support for application review

Get to know EZ Clip

Air conditioning hose assembly system

EZ Clip system kit FF12139

Danfoss' EZ Clip system is designed for assembly with Danfoss multi-refrigerant hose GH001. It's engineered connection exceeds SAE J3062 and J2064 and has been vibration and impulse tested.



FF12139

Kit Components	Description	Qty/Kit
1F40104-size	Clips	20
1F40105-size	Cages	10
FT1357	Assembly tool	1
FT1356	Hose cutter	1
FT1356-2-1	Replacement blade	1

Size -16 requires a separate connecting tool – FT1421 is not included in FF12139 kit



1F40104



1F40105



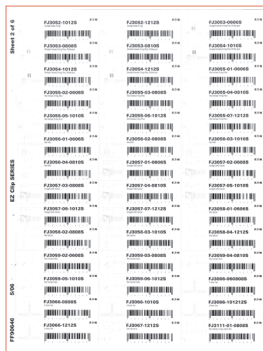
FT1357



FT1356

Marketing materials

Label Set FF90646



Also available on Danfoss' custom bin label tool on PowerSource.

Repair broken or leaking A/C hose in a few EZ steps:

EZ Step 1: Cut the hose. Cut the hose to proper length with an appropriate cutting tool. Be sure the cut is made square to the hose length.

EZ Step 2: Slip on two clips. Install two proper-sized clips onto the cut end of the hose. Danfoss recommends both clips have the same orientation.



2 Clips

NOTE: Failure to slide the clips over the hose at this time will require the clips to be stretched over the hose or fitting later. This may permanently damage the clip.

EZ Step 3: Oil the nipple. Lubricate the nipple with a generous amount of the refrigeration or A/C system's compressor lubricating oil. This MUST be done to lower the force of nipple insertion.



EZ Step 4: Insert the nipple into the hose.

EZ Step 5: Snap on the cage. Snap the cage into the groove on the nipple. The arms should extend over the hose length. When the cage has been correctly installed in the cage groove, the cage will be able to rotate in the groove.



Cage

This step MUST be performed to ensure:

1. The clips will be located over the O-rings on the nipple.
2. The connection will be compatible with the connection's pressure rating.

EZ Step 6: Slide the clips. Slide the clips over the cage arms and into the channels on each arm. To ensure that the nipple is fully inserted, check the gap between the cut end of the hose and the shoulder on the nipple.



EZ Step 7: Close the clips. Use the FT1357 pliers

to close the clips. The pliers should be positioned squarely on the clip connection points and should remain square during the closing of the clip.

The nose of the pliers should be firmly seated under the assembly bump and lock latch. If the pliers are not kept square during closing of the clip, the clasp may have an offset. Use the pliers to correct the clasp alignment. EZ Clip components should not be reused.



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