

# Think cold. Think cool. EZ Clip System

Your first choice in field attachable  
A/C assembly and repair



**EZ Clip system – one of the simplest and highest performing  
A/C assembly and repair systems on the market today.**

The Eaton Performance Products 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 literally 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 Performance Products EZ Clip system. If you are servicing performance machines, the EZ Clip system is a necessity.

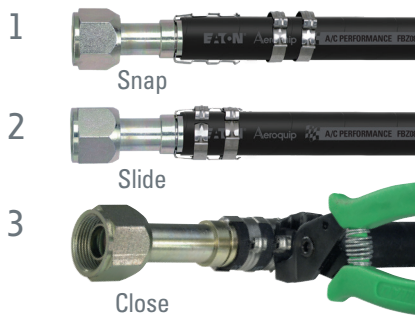
## A/C Performance FBZ0600, FBZ0800, FBZ1000

### Multi-refrigerant hose



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.

### EZ Clip Connector System - E Z as 1-2-3



Part #	Hose size	Hose I.D.	Hose O.D.	Max oper press	OMIT Min burst pressure	Min bend radius	Weight per foot	Weight per meter	Vacuum service	Cut Length
		mm/in	mm/in	bar/psi	bar/psi	mm/inch	pounds	Kg	kPa	in ft
FBZ0600	06	7,9/31	14,7/58	35/500	140/2000	50,0/2.00	0.10	15	94,8	28 N/A
FCZ0603	06	7,9/31	14,7/58	35/500	140/2000	50,0/2.00	0.10	,15	94,8	28 3
FCZ0606	06	7,9/31	14,7/58	35/500	140/2000	50,0/2.00	0.10	,15	94,8	28 6
FCZ0609	06	7,9/31	14,7/58	35/500	140/2000	50,0/2.00	0.10	,15	94,8	28 9
FBZ0800	08	10,3/41	17,8/70	35/500	140/2000	63,0/2.50	0.14	,21	94,8	28 N/A
FCZ0803	08	10,3/41	17,8/70	35/500	140/2000	63,0/2.50	0.14	,21	94,8	28 3
FCZ0806	08	10,3/41	17,8/70	35/500	140/2000	63,0/2.50	0.14	,21	94,8	28 6
FCZ0809	08	10,3/41	17,8/70	35/500	140/2000	63,0/2.50	0.14	,21	94,8	28 9
FBZ1000	10	12,7/50	19,8/78	35/500	140/2000	76,2/3.00	0.15	,22	94,8	28 N/A
FCZ1003	10	12,7/50	19,8/78	35/500	140/2000	76,2/3.00	0.15	,22	94,8	28 3
FCZ1006	10	12,7/50	19,8/78	35/500	140/2000	76,2/3.00	0.15	,22	94,8	28 6
FCZ1009	10	12,7/50	19,8/78	35/500	140/2000	76,2/3.00	0.15	,22	94,8	28 9

### SAE J2064 Type E

Temperature range: -40°C to +140°C  
(-40°F to +285°F)

### Refrigerant compatibility

R134a, R1234yf, R407C, R404A, R410 and other refrigerants

# Eaton Performance Products

## EZ Clip Air conditioning hose assembly and repair system

### EZ Clip System components

Eaton's EZ Clip system is designed for assembly with Eaton multi-refrigerant hose FBZ0600, FBZ0800, & FBZ1000. It's engineered connection exceeds SAE J3062 and J2064 and has been vibration and impulse tested.



Clips  
FMC600 size



Cages  
FMC600 size



FT1357



FT1356

Performance Components	Description	Size
FBM6004	Bulk clips	06
FBM6005	Bulk clips	08
FBM6006	Bulk clips	10
FBM6007	Bulk cages	06
FBM6008	Bulk cages	08
FBM6009	Bulk cages	10

Performance Components	Description
FT1357	Assembly tool
FT1356	Hose cutter
FT1356-2-1	Replacement blade

### EZ Clip end connections

Part	Bulk part #	Kit part #*	Description	Size
	FBE4312	FCP0501	Straight Female O-Ring (short pilot)	06
	FBE4313	FCP0507	Straight Female O-Ring (short pilot)	08
	FBE4314	FCP0514	Straight Female O-Ring (short pilot)	10
	FBE4412	FCP0502	Straight Female O-Ring (short pilot) with High Side Charge Port (R134a)	06
	FBE4413	FCP0508	Straight Female O-Ring (short pilot) with High Side Charge Port (R134a)	08
	FBE4414	FCP0515	Straight Female O-Ring (short pilot) with Low Side Charge Port (R134a)	10
	FBE4512	FCP0503	Splicer with High Side Charge Port (R134a)	06
	FBE4513	FCP0509	Splicer with High Side Charge Port (R134a)	08
	FBE4514	FCP0513	Splicer with Low Side Port (R134a)	10
	FBE4322	FCP0504	45° Elbow Female O-Ring (short pilot)	06
	FBE4323	FCP0510	45° Elbow Female O-Ring (short pilot)	08
	FBE4324	FCP0516	45° Elbow Female O-Ring (short pilot)	10
	FBE4332	FCP0505	90° Elbow Female O-Ring (short pilot)	06
	FBE4333	FCP0511	90° Elbow Female O-Ring (short pilot)	08
	FBE4334	FCP0517	90° Elbow Female O-Ring (short pilot)	10
	FBE4432	FCP0506	90° Female O-Ring (short pilot) with High Side Port (R134a)	06
	FBE4433	FCP0512	90° Female O-Ring (short pilot) with High Side Port (R134a)	08
	FBE4434	FCP0518	90° Female O-Ring (short pilot) with Low Side Port (R134a)	10

\*Kit will include the fitting, cage and clamps.

### Assemble or repair 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. Eaton 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.

