

OPTIONAL ACCESSORIES
For All Bebcu Enclosure
Protection Systems

**MODEL SC, NC,
EBC, EFC & EPC**
TUBING & PIPE CONNECTION FITTINGS

SC & NC Fittings

Model SC Straight Connector and NC Ninety Connector fittings provide a standard tubing connection for the female regulator port of most Rapid Exchange® Purging Systems. Compatible systems include Models 1012, 1002, 1003, 1004 2002, 2003 & 2004. When these systems are outfitted with Model SC or NC fittings, they can be connected to the protective gas supply with standard 1/4", 3/8" or 1/2" diameter, 0.035" wall stainless steel tubing. Model 1005 & 2005 systems are not accommodated because they require a direct 1/2" pipe connection to the protective gas supply for proper operation.



Model SC
STRAIGHT CONNECTOR



Model NC
NINETY CONNECTOR

EFC Fittings

Model EFC Enclosure Flush Connector fittings provide a standard tubing connection on the protected enclosure(s). Because these fittings feature a neoprene O ring and short body, they form an exceptional seal, requiring the smallest possible amount of interior clearance. They are intended for the tubing supply connection on the first enclosure of any installation, and are compatible with all systems, except Models 1005 & 2005. In addition, Model EFC-4 fittings provide the enclosure pressure reference connection on any enclosure for any Bebcu Enclosure Protection System, because all Bebcu Systems feature a 1/4" tube fitting on the enclosure pressure reference port.



Model EBC
ENCLOSURE BULKHEAD CONNECTOR



Model EFC
ENCLOSURE FLUSH CONNECTOR

EBC Fittings

Model EBC Enclosure Bulkhead Connector fittings provide a standard bulkhead tubing connection on a protected enclosure. The fitting features tubing nuts on both ends, to permit tubing to continue through the surface of an enclosure. They are suitable for the enclosure supply connection on any system, with exception to Models 1005 & 2005. These fittings are often used to increase the outward aesthetic appearance of an installation, because they can be mounted directly behind a System and be connected by a short piece of tubing. Then, another piece of tubing can be routed inside the enclosure, to the desired point of supply discharge. This method of installation conceals the supply tube, and leaves the outside surface of the enclosure free of obstructions.

EPC Fittings

Model EPC (Enclosure Pipe Connector) fittings provide a standard female pipe connection on a protected enclosure, to terminate pipe connections between multiple enclosures. The pipe connections may be used solely to transfer protective gas, but may also be used as "pressurized raceways" if adequate precautions are taken to insure an unrestricted flow of protective gas. Model EPC-10 is suitable for the supply connection between an enclosure and a Model 1005 or 2005 system. While these fittings are normally associate with use of electrical conduit, their strong construction makes them ideally suited for low pressure applications, but they are by no means intended for high pressure pneumatic service.



Model EPC
ENCLOSURE PIPE CONNECTOR



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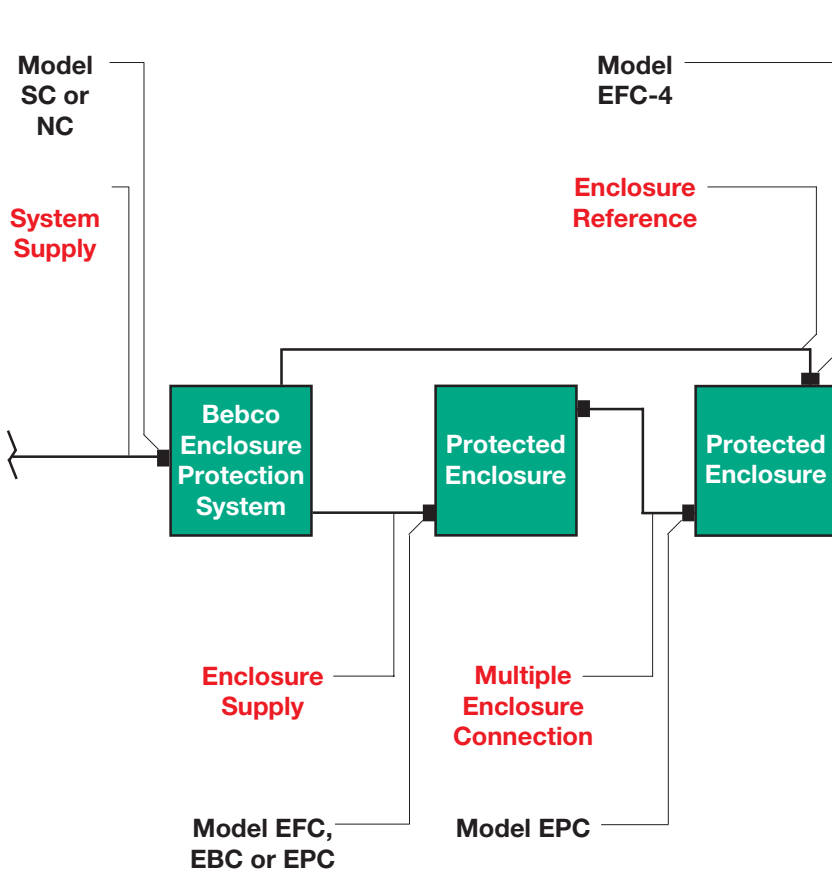
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Typical System Installation & Fitting Use

Model Number Designations



- Fitting Style**
- SC - Straight Male Tubing Connector
 - NC - Ninety Male Tubing Connector
 - EFC - Enclosure Tubing Flush Connector w/ O Ring & Lock Nut
 - EBC - Enclosure Tubing Bulkhead Connector w/ Lock Nut
 - EPC - Enclosure Pipe Connector w/ O Ring & Lock Ring
- Fitting Connection Size**
- 4 - 1/4" Tubing / 1/4" Male Pipe Thread
 - 6 - 3/8" Tubing / 1/4" Male Pipe Thread
 - 8 - 1/2" Tubing / 1/4" Male Pipe Thread
 - 10 - 1/2" Female Pipe Thread
 - 12 - 3/4" Female Pipe Thread
 - 13 - 1" Female Pipe Thread
 - 14 - 1 1/2" Female Pipe Thread
 - 15 - 2" Female Pipe Thread

Sizes 4-8 apply to SC, NC, EFC & EBC Style Fittings
 Sizes 10-15 apply to EPC Style Fittings only

SPECIAL NOTE

THE DIAGRAM AND CHART SHOWN HERE DO NOT APPLY TO PANEL MOUNT CONFIGURATION SYSTEMS. PLEASE CONSULT FACTORY FOR SPECIFIC INFORMATION.

Material Specifications

Model SC, NC & EBC

Body: 316 SS
 Finish: Bright Annealed
 Thread Lubricant: Graphite

Model EFC

Body: 316 SS
 Finish: Bright Annealed
 O Ring: Neoprene
 Thread Lubricant: Graphite

Model EPC

Body: Steel
 Finish: Zinc Plated
 O Ring: Neoprene
 Wire Guard Insert: G. E. Lexan®

Fitting Specification, Compatibility & Use Chart

Model	Connections	Compatible Systems	Intended Use	Cutout
NC-4	1/4" T x 1/4" MPT	1012, 1002 & 2002	System Supply	n/a
NC-6	3/8" T x 3/8" MPT	1003 & 2003	"	n/a
NC-8	1/2" T x 1/2" MPT	1004 & 2004	"	n/a
SC-4	1/4" T x 1/4" MPT	1012, 1002 & 2002	"	n/a
SC-6	3/8" T x 3/8" MPT	1003 & 2003	"	n/a
SC-8	1/2" T x 1/2" MPT	1004 & 2004	"	n/a
EFC-4	1/4" T	ALL SYSTEMS	Encl. Reference	0.453"
"	"	11, 1011 & 1001A	Encl. Supply	"
"	"	1012, 1002 & 2002	"	"
EFC-6	3/8" T	1003 & 2003	"	0.578"
EFC-8	1/2" T	1004 & 2004	"	0.765"
EBC-4	1/4" T x 1/4" T	11, 1011 & 1001A	"	0.453"
"	"	1012, 1002 & 2002	"	"
EBC-6	3/8" T x 3/8" T	1001B, 1003, 2001B & 2003	"	0.578"
EBC-8	1/2" T x 1/2" T	1001C, 1004, 2001C & 2004	"	0.765"
EPC-10	1/2" FPT	1005 & 2005	"	0.750"
"	"	11, 1011 & 1001A	Mit. Encl. Conn.	"
EPC-12	3/4" FPT	1012, 1002 & 2002	"	1.125"
EPC-13	1" FPT	1001B, 1003, 2001B & 2003	"	1.375"
EPC-14	1 1/2" FPT	1001C, 1004, 2001C & 2004	"	2.000"
EPC-15	2" FPT	1005 & 2005	"	2.500"

"T" indicates Tubing Nut & Ferrule Assembly
 "MPT" indicates Male Pipe Thread "FPT" indicates Female Pipe Thread

Local Sales Representative

IMPORTANT NOTES

All specifications subject to change without notice.
 All fittings sold at or below Manufacturer's List Price.
 Warranty & Liability policies available upon request.