

GIRAIR®, COMPRESSED AIR DISTRIBUTION

GIRAIR® is a system with proven reliability, from the compressor outlet to the wall-mounted unit. The GIRAIR® system is designed for a maximum operating pressure of 12.5 bar at 20°C to solve all scenarios for your compressed air distribution projects.

The smooth internal surface and the full-flow fittings limit pressure losses and put less strain on network accessories in order to save energy.

The GIRAIR® system is a complete system, especially developed to bring global reliability. Therefore, all of the system's elements must imperatively be used. The use of components of external origin will make GIRPI's guarantee null and void.

APPLICATION AREAS

- Compressed air distribution.
- Neutral gas distribution (type azote).
- Centralized networks.

PERFORMANCE

- Fully corrosion resistant.
- Energy savings.
- Impact resistance.
- No leaks.
- Air cleanliness.
- Low maintenance.
- Assembled by cold welding. Use exclusively the welding polymer (references 3FIXP and 3FIXB). Exclusively use specific CLEANER + from GIRPI for preparation phases.



INTERNATIONAL CERTIFICATIONS

- Maximum working pressure: 12.5 bar at 25°C.
- Non-flammable: B-s1,d0 (Euroclasses classification).
- Blue colour as per NF A 571.
- Dimensions as per NF EN 1452.



Pipes - Fittings

PIPES

> CHAMFERED AT BOTH ENDS, IN 4 METER LENGTHS. WRAPPED IN PLASTIC SLEEVES



DN (Ø ext)	Pipe length (m)	Min. Wall Thickness (mm)	Pack (Lg)	Ref.
16	4	1,8	10*	TUBGA16
20	4	2,3	10*	TUBGA20
25	4	2,8	10*	TUBGA25
32	4	2,9	10*	TUBGA32
40	4	3,7	10*	TUBGA40
50	4	4,6	10*	TUBGA50
63	4	5,8	10*	TUBGA63
75	4	6,8	10*	TUBGA75
90	4	8,2	1	TUBGA90
110	4	10	1	TUBGA110

ELBOWS 90°

> SOCKET/SOCKET



GA4M32

Ø	Pack	Ref.
16	S10*	GA4M16
20	S10*	GA4M20
25	S10*	GA4M25
32	S10*	GA4M32
40	S10*	GA4M40
50	S10*	GA4M50
63	1	GA4M63
75	1	GA4M75
90	1	GA4M90
110	1	GA4M110

ELBOWS 45°

> SOCKET/SOCKET



GA8M32

Ø	Pack	Ref.
16	S10*	GA8M16
20	S10*	GA8M20
25	S10*	GA8M25
32	S10*	GA8M32
40	S10*	GA8M40
50	S10*	GA8M50
63	1	GA8M63
75	1	GA8M75
90	1	GA8M90
110	1	GA8M110

SERRATED STUB FLANGES

> SOCKET - DELIVERED WITHOUT FLAT GASKET



GACS75

Ø/øR	Pack	Ref.
50	S10*	GACS50
63	1	GACS63
75	1	GACS75
90	1	GACS90
110	1	GACS110

BENDS 90°

> SOCKET/SOCKET



GA4C75

Ø	Cond.	Ref.
50	S10*	GA4C50
63	1	GA4C63
75	1	GA4C75
90	1	GA4C90
110	1	GA4C110

COUPLINGS

> SOCKET/SOCKET



GAMA32

Ø	Pack	Ref.
16	S10*	GAMA16
20	S10*	GAMA20
25	S10*	GAMA25
32	S10*	GAMA32
40	S10*	GAMA40
50	S10*	GAMA50
63	1	GAMA63
75	1	GAMA75
90	1	GAMA90
110	1	GAMA110

CAPS

> SOCKET



GABO32

Ø	Pack	Ref.
16	S10*	GABO16
20	S10*	GABO20
25	S10*	GABO25
32	S10*	GABO32
40	S10*	GABO40
50	S10*	GABO50
63	1	GABO63
75	1	GABO75
90	1	GABO90
110	1	GABO110

Fittings

The use of anaerobic resins as a sealant for threaded joints is strictly forbidden.

REDUCING BUSHES LONG PATTERN

> SPIGOT (Ø) / SOCKET (ØR)



GARD3220

Ø/ØR	Pack	Ref.
25/16	S10*	GARD2516
32/20	S10*	GARD3220
40/25	S10*	GARD4025
50/32	S10*	GARD5032
63/32	1	GARD6332
63/40	1	GARD6340
75/32	1	GARD7532
90/50	1	GARD9050
90/63	1	GARD9063
110/50	1	GARD1150
110/63	1	GARD1163

Reducer's large ends for references GARD 32 to 110 (except GARD 7532) can be used as sockets and Spigotots, with one size interval. Small ends are socket only. Example: GARD 90/63 = 90 Spigot. + 75 Socket / 63 Socket

REDUCING BUSHES SHORT PATTERN

> SPIGOT (Ø) / SOCKET (ØR)



GARS32

Ø/ØR	Pack	Ref.
20/16	S10*	GARS20
25/20	S10*	GARS25
32/25	S10*	GARS32
40/32	S10*	GARS40
50/40	S10*	GARS50
63/50	1	GARS63
75/63	1	GARS75
90/75	1	GARS90
110/90	1	GARS110

REDUCING TEES 90°

> SOCKET/SOCKET



GATR3220

Ø/ØR	Pack	Ref.
20/16	S10*	GATR2016
25/16	S10*	GATR2516
25/20	S10*	GATR2520
32/16	S10*	GATR3216
32/20	S10*	GATR3220
32/25	S10*	GATR3225
40/20	S10*	GATR4020
40/25	S10*	GATR4025
40/32	S10*	GATR4032
50/25	S10*	GATR5025
50/32	S10*	GATR5032
50/40	S10*	GATR5040
63/25	1	GATR6325
63/32	1	GATR6332
63/40	1	GATR6340
75/25	1	GATR7525
75/32	1	GATR7532
90/25	1	GATR9025

EQUAL TEES 90°

> SOCKET/SOCKET



GATE32

Ø	Pack	Ref.
16	S10*	GATE16
20	S10*	GATE20
25	S10*	GATE25
32	S10*	GATE32
40	S10*	GATE40
50	S10*	GATE50
63	1	GATE63
75	1	GATE75
90	1	GATE90
110	1	GATE110

Threaded fittings

THREADED ADAPTORS

> SOCKET - FEMALE THREAD, WITH METAL REINFORCING RING



GAMM32

Ø x G	Pack	Ref.
16 x 3/8"	S10*	GAMM16
20 x 1/2"	S10*	GAMM20
25 x 3/4"	S10*	GAMM25
32 x 1"	S10*	GAMM32
40 x 1 1/4"	S10*	GAMM40
50 x 1 1/2"	S10*	GAMM50
63 x 2"	1	GAMM63

Exclusively for assemblies with plastic threaded fittings
GAMM cold welding ends can also be used as Spigots
with one size interval. Example: GAMM16 = 16 Socket / 20 Spigot.

EQUAL THREADED TEES 90°

> SOCKET - FEMALE THREAD BRANCH, WITH METAL REINFORCING RING



GATG2012

Ø x G	Pack*	Ref.
16 x 1/2"	S10	GATG1612
20 x 1/2"	S10	GATG2012
25 x 3/4"	S10	GATG2534

Exclusively for assemblies with plastic threaded fittings

Threaded fittings

The use of anaerobic resins as a sealant for threaded joints is strictly forbidden.

THREADED ELBOWS 90°

> SOCKET - FEMALE THREAD, WITH METAL REINFORCING RING,



GA4G20

Ø x G	Pack *	Ref.
16 x 3/8"	S10	GA4G16
20 x 1/2"	S10	GA4G20
25 x 3/4"	S10	GA4G25

Exclusively for assemblies with plastic threaded fittings

ADAPTOR NIPPLES

> SOCKET - MALE THREAD



GAEA32

Ø x F	Pack	Ref.
16 x 3/8"	S10 *	GAEA16
20 x 1/2"	S10 *	GAEA20
25 x 3/4"	S10 *	GAEA25
32 x 1"	S10 *	GAEA32
40 x 1 1/4"	S10 *	GAEA40
50 x 1 1/2"	S10 *	GAEA50
63 x 2"	1	GAEA63
75 x 2 1/2"	1	GAEA75

Exclusively for assemblies with plastic threaded fittings
NB: The solvent welding ends of GAEA are socket only.

REDUCING ADAPTOR NIPPLES

> SOCKET - MALE THREAD



GAEB32

Ø x F	Pack *	Ref.
16 x 1/2"	S10	GAEB16
20 x 3/4"	S10	GAEB20
25 x 1"	S10	GAEB25
32 x 1 1/4"	S10	GAEB32
40 x 1 1/2"	S10	GAEB40
50 x 2"	S10	GAEB50

Exclusively for assemblies with plastic threaded fittings
NB: The solvent welding ends of GAEB are socket only.

3 PIECE UNIONS

> SOCKET/SOCKET - WITH EPDM GASKET



GA3P32

Ø	Pack	Ref.
16	S10 *	GA3P16
20	S10 *	GA3P20
25	S10 *	GA3P25
32	S10 *	GA3P32
40	S10 *	GA3P40
50	S10 *	GA3P50
63	1	GA3P63

Exclusively for assemblies with plastic threaded fittings

3 PIECE UNIONS GIRAIR® / BRASS

> SOCKET - FEMALE BRASS THREAD, WITH EPDM GASKET



GA3G-L32

Ø x G	Pack	Ref.
16 x 3/8"	1	GA3G/L16
20 x 1/2"	1	GA3G/L20
25 x 3/4"	1	GA3G/L25
32 x 1"	1	GA3G/L32
40 x 1 1/4"	1	GA3G/L40
50 x 1 1/2"	1	GA3G/L50
63 x 2"	1	GA3G/L63

3 PIECE UNIONS

> SOCKET - MALE THREAD, WITH EPDM GASKET



GA3F-P32

Ø x F	Pack	Ref.
16 x 3/8"	S5 *	GA3F/P16
20 x 1/2"	S5 *	GA3F/P20
25 x 3/4"	S5 *	GA3F/P25
32 x 1"	S5 *	GA3F/P32
40 x 1 1/4"	S5 *	GA3F/P40
50 x 1 1/2"	S5 *	GA3F/P50
63 x 2"	1	GA3F/P63

Exclusively for assemblies with plastic threaded fittings

3 PIECE UNIONS GIRAIR® / BRASS

> SOCKET - MALE BRASS THREAD, WITH EPDM GASKETS



GA3F/L32

Ø x F	Pack	Ref.
16 x 3/8"	1	GA3F/L16 *
20 x 1/2"	1	GA3F/L20
25 x 3/4"	1	GA3F/L25
32 x 1"	1	GA3F/L32
40 x 1 1/4"	1	GA3F/L40
50 x 1 1/2"	1	GA3F/L50
63 x 2"	1	GA3F/L63

Exclusively for assemblies with plastic threaded fittings

CONNECTORS WITH BRASS NUTS

> SPIGOT - FEMALE BRASS THREAD, WITH EPDM FLAT GASKET,







GAUR20






Ø x G	Pack *	Ref.
16 x 1/2"	S10	GAUR16
20 x 3/4"	S10	GAUR20
25 x 1"	S10	GAUR25
32 x 1 1/4"	S10	GAUR32
40 x 1 1/2"	S10	GAUR40

Brass threaded fittings for high torque

The use of anaerobic resins as a sealant for threaded joints is strictly forbidden.

THREADED ADAPTORS				THREADED ELBOW 90°			
> SOCKET/SPIGOT - FEMALE BRASS THREAD				> SOCKET - FEMALE BRASS THREAD			
	Ø (F/M) x G	Pack	Ref.		Ø (F/M) x G	Pack*	Ref.
	16/20 x 3/8"	S5*	GAMML16		20 x 1/2"	S5	GA4GL20
	20/25 x 1/2"	S5*	GAMML20				
	25/32 x 3/4"	S5*	GAMML25				
	32/40 x 1"	S5*	GAMML32				
	40/50 x 1"1/4	1	GAMML40				
	50/63 x 1"1/2	1	GAMML50				
	63/75 x 2"	1	GAMML63				
GAMML32				GA4GL20			
ADAPTOR NIPPLES				ADAPTOR NIPPLES			
> SOCKET/SPIGOT - MALE BRASS THREAD				> SOCKET/SPIGOT - MALE BRASS THREAD			
	Ø (F/M) x F	Pack	Ref.		Ø (F/M) x F	Pack*	Ref.
	16/20 x 3/8"	S5*	GAEAL16		16/20 x 1/2"	S5	GAEAL16
	20/25 x 1/2"	S5*	GAEAL20		25/32 x 1"	S5	GAEAL25
	25/32 x 3/4"	S5*	GAEAL25				
	32/40 x 1"	S5*	GAEAL32				
	40/50 x 1"1/4	1	GAEAL40				
	50/63 x 1"1/2	1	GAEAL50				
	63/75 x 2"	1	GAEAL63				
GAEAL32				GAEAL25			

Fittings


WALL PLATE ELBOW				ACCESSORIES (ISO 4 414)			
> INLET MALE THREAD F - OUTLET FEMALE THREAD G FOR JOINTING ON PIPE WITH GAUR BRASS CONNECTOR				> MALE THREADED INSTANT FITTING PROFILE: ISO C - Ø INT.: 6 MM			
	f x G	Pack	Ref.		Ø	Pack	Ref.
	1/2" x 3/8"	1	GAAP16		3/8"	1	GHRR38
	3/4" x 1/2"	1	GAAP20		1/2"	1	GHRR12
	1" x 3/4"	1	GAAP25				
GAAP16				GHRR12			
QUICK ADAPTOR: ISO C							
> QUICK NIPPLES FOR Ø 8 MM FLEXIBLE PIPES - Ø INT.: 6 MM							
	Ø	Cond.	Ref.				
	8	1	GHES8				
GHES8							
DROP BENDS 180°				DROP BENDS			
> SPIGOT/SPIGOT (PROFILE P)				> SPIGOT/SPIGOT (PROFILE S)			
	Ø	Pack*	Ref.		Ø	Pack	Ref.
	16	S10	GA2C16		20	1	Q2S20
	20	S10	GA2C20				
	25	S10	GA2C25				
	32	S5	GA2C32				
GA2C20				Q2S20			

Fittings

The use of anaerobic resins as a sealant for threaded joints is strictly forbidden.

WALL PLATES


> WITH 4 OUTLETS

	Inlet G	Outlet G	Pack	Ref.
	12G4	1/2	4 x 1/2"	1
	34G4	3/4	4 x 1/2"	1
				GAAP12G4
				GAAP34G4

GAAP12G4

WALL PLATES


> WITH 4 OUTLETS AND DRAIN

	Inlet G	Outlet G	Pack	Ref.
	12G4	1/2	4 x 1/2"	1
	34G4	3/4	4 x 1/2"	1
				GAAP12G4P
				GAAP34G4P

GAAP12G4P

WALL PLATES

> WITH 2 OR 3 OUTLETS AND WEDGE ADAPTOR


	Inlet G	Outlet G	Pack	Ref.
	12G2	1/2	2 x 1/2"	1
	34G3	3/4	3 x 1/2"	1
				GAAP12G2
				GAAP34G3

GAAP34G3

Ball valves

DOUBLE UNION BALL VALVES


> SOCKET/SOCKET - O-RING GASKETS: EPDM, BALL SEAT PTFE

	Ø	Pack	Ref.
	16	1	GA2MBE16
	20	1	GA2MBE20
	25	1	GA2MBE25
	32	1	GA2MBE32
	40	1	GA2MBE40
	50	1	GA2MBE50
	63	1	GA2MBE63

GA2MBE32

FLANGED SOCKET BALL VALVES

> SOCKET/SOCKET - O-RING GASKETS: EPDM, BALL SEAT PTFE

	Ø	Pack	Ref.
	75	1	GA2MFE75
	90	1	GA2MFE90
	110	1	GA2MFE11

GA2MFE90

For the valves in Ø 75, 90 and 110, it is forbidden to dismantle the backing plates.


Please consult us before ordering ball valves with pneumatic or electric actuators.

Accessories

Spare parts for older generations of valves.

STUB SOCKETS GIRAIR®


> STUB SOCKETS

	Ø	Pack	Ref.
	16	1	COLGA2MBE16
	20	1	COLGA2MBE20
	25	1	COLGA2MBE25
	32	1	COLGA2MBE32
	40	1	COLGA2MBE40
	50	1	COLGA2MBE50
	63	1	COLGA2MBE63

COLGA2MBE32

BACKING NUTS GIRAIR®

> BACKING NUTS

	Ø	Pack	Ref.
	16	1	ECGA2MBE1620
	20	1	ECGA2MBE1620
	25	1	ECRGA2MBE25
	32	1	ECRGA2MBE32
	40	1	ECRGA2MBE40
	50	1	ECRGA2MBE50
	63	1	ECRGA2MBE63

ECRGA2MBE32

HANDLE GIRAIR®

> HANDLE

	Ø	Pack	Ref.
	25	1	POV25N

POV25N

KRYOCLIM®, COMPLETE SOLUTION FOR CONVEYING CHILLED FLUIDS AND AIR CONDITIONING

The KRYOCLIM® system was designed to carry out all secondary (indirect) refrigeration and comfort cooling installations between - 30° and + 40. It offers a number of advantages that meet the constraints of air-conditioning networks.

The KRYOCLIM® is a complete system, specifically developed to bring global reliability. Therefore, all of the system's elements must imperatively be used. The use of components of external origin will make GIRPI's guarantee null and void.

APPLICATION AREAS

- Centralised air conditioning residential/tertiary: cold alone and cold circuit of 4-tube reversible systems.
- Food industry: comfort cooling, refrigerated warehouses, industrials kitchens, food processing industry...
- Industry applications: comfort cooling, Industrial cooling applications.

PERFORMANCE

- Fully corrosion resistant,
- Limited condensation.
- Control of installation times, ease of installation on occupied site.
- Construction site without flame.
- Energy savings.
- Reduced pressures losses & frictional losses.
- Impact resistance even at low temperatures.
- Assembled by cold welding. Use exclusively the welding polymer (references 3FIXP and 3FIXB). Exclusively use specific CLEANER + from GIRPI for preparation phases.
- Completely recyclable material.

INTERNATIONAL CERTIFICATIONS

- French ATEC n°14.1/14-1997 from Ø 20 to Ø 160.
- PN 10 from Ø 16 to Ø 160, PN 6 Ø 200.
- Non-flammable: B-s1,d0 (Euroclasses classification).
- Dimensions complying with standard EN 1452.
- Meets the requirements of fire regulations for institutions receiving the public site.



Pipes - Fittings

PIPES

> CHAMFERED AT BOTH ENDS, IN 4 METER LENGTHS, PN10 FROM Ø 20 TO Ø 160, PN6 Ø 200. Wrapped in plastic sleeves



TUBF40

DN (outside Ø)	Pipe length (m)	Min. Wall Thickness (mm)	Pack (Lg)	Ref.
20	4	2,3	10*	TUBF20
25	4	2,3	10*	TUBF25
32	4	2,4	10*	TUBF32
40	4	3,0	10*	TUBF40
50	4	3,7	5*	TUBF50
63	4	4,7	3*	TUBF63
75	4	5,6	2	TUBF75
90	4	6,7	1	TUBF90
110	4	8,1	1	TUBF110
160	4	11,8	1	TUBF160
200	4	11,9	1	TUBF200

ELBOWS 90°

> SOCKET/SOCKET



F4M50

Ø	Pack	Ref.
20	S10*	F4M20
25	S10*	F4M25
32	S10*	F4M32
40	S10*	F4M40
50	S10*	F4M50
63	1	F4M63
75	1	F4M75
90	1	F4M90
110	1	F4M110
160	1	F4M160
200	1	F4M200

ELBOWS 45°

> SOCKET/SOCKET



F8M32

Ø	Pack	Ref.
20	S10*	F8M20
25	S10*	F8M25
32	S10*	F8M32
40	S10*	F8M40
50	S10*	F8M50
63	1	F8M63
75	1	F8M75
90	1	F8M90
110	1	F8M110
160	1	F8M160
200	1	F8M200

ELBOWS 90° WITH THREADED BRASS INSERT

> SOCKET/SOCKET - FEMALE BRASS THREAD



F4MI5012

Ø x G	Pack	Ref.
50 x 1/2"	1	F4MI5012
63 x 1/2"	1	F4MI6312

COUPLINGS

> SOCKET/SOCKET



FMA50

Ø	Pack	Ref.
20	S10*	FMA20
25	S10*	FMA25
32	S10*	FMA32
40	S10*	FMA40
50	S10*	FMA50
63	1	FMA63
75	1	FMA75
90	1	FMA90
110	1	FMA110
160	1	FMA160
200	1	FMA200

PLAIN NIPPLES

> SPIGOT/SPIGOT



FMC25



Length in mm	Pack*	Ref.
20 x 37	S10	FMC20
25 x 42	S10	FMC25

Fittings

The use of anaerobic resins as a sealant for threaded joints is strictly forbidden.


EQUAL TEES 90°

> SOCKET/SOCKET

	Ø	Pack	Ref.		Ø	Pack	Ref.
	20	S10*	FTE20		75	1	FTE75
	25	S10*	FTE25		90	1	FTE90
	32	S10*	FTE32		110	1	FTE110
	40	S10*	FTE40		160	1	FTE160
	50	S10*	FTE50		200	1	FTE200
	63	1	FTE63				
FTE32				FTE110			


REDUCING TEE WITH MALE TREADED BRASS INSERT 1/2"

> REDUCING TEE

	Ø x f	Pack	Ref.
	32 x 1/2"	1	FTFRL3212
	40 x 1/2"	1	FTFRL4012
	50 x 1/2"	1	FTFRL5012
	63 x 1/2"	1	FTFRL6312
FTFRL5012			


REDUCING TEE WITH MALE TREADED BRASS INSERT 3/4"

> REDUCING TEE

	Ø x f	Pack	Ref.
	32 x 3/4"	1	FTFRL3234
	40 x 3/4"	1	FTFRL4034
	50 x 3/4"	1	FTFRL5034
	63 x 3/4"	1	FTFRL6334
FTFRL3234			


THREADED 90° TEES WITH BRASS INSERT

> SOCKET - FEMALE BRASS THREAD BRANCH

	Ø x G	Pack	Ref.
	32 x 1/2"	1	FTGRL3212
	40 x 1/2"	1	FTGRL4012
	50 x 1/2"	1	FTGRL5012
	63 x 1/2"	1	FTGRL6312
FTGRL5012			

SERRATED STUB FLANGES

> SOCKET - FOR USE WITH EPDM FLAT GASKET, WITHOUT GASKET

	Ø	Pack	Ref.
	50	1	FCS50
	63	1	FCS63
	75	1	FCS75
	90	1	FCS90
	110	1	FCS110
	160	1	FCS160
	200	1	FCS200
FCS75			

REDUCING BUSHES LONG PATTERN

> SPIGOT (Ø) / SOCKET (ØR)


	Ø/ØR	Pack	Ref.		Ø/ØR	Pack	Ref.
	32/20	S10*	FRD3220		90/63	1	FRD9063
	40/20	S10*	FRD4020		110/50	1	FRD1150
	40/25	S10*	FRD4025		110/63	1	FRD1163
	50/32	S10*	FRD5032		110/75	1	FRD1175
	63/25	1	FRD6325		160/75	1	FRD1675
	63/32	1	FRD6332		160/90	1	FRD1690
	63/40	1	FRD6340		160/110	1	FRD1611
	75/40	1	FRD7540				
	75/50	1	FRD7550				
	90/40	1	FRD9040				
FRD6332				FRD1690			

NB: Reducers large ends for references FRD 32 to 110 (except FRD 7540 and 7550) can be used as sockets and spigots, with one size interval.

Small ends are sockets only
example: FRD9063 = 90 spigot + 75 socket / 63 socket


REDUCING BUSHES SHORT PATTERN

> SPIGOT (Ø) / SOCKET (ØR)

	Ø/ØR	Pack	Ref.
	25/20	S10*	FRS25
	32/25	S10*	FRS32
	40/32	S10*	FRS40
	50/40	S10*	FRS50
	63/50	S5*	FRS63
	75/63	1	FRS75
	90/75	1	FRS90
	110/90	1	FRS110
	200/160	1	FRS200
FRS50			

CAPS

> SOCKET

	Ø	Pack	Ref.
	20	S10*	FB020
	25	S10*	FB025
	32	S10*	FB032
	40	S10*	FB040
	50	S10*	FB050
	63	1	FB063
	75	1	FB075
	90	1	FB090
	110	1	FB0110
	160	1	FB0160
FB040			

Fittings

The use of anaerobic resins as a sealant for threaded joints is strictly forbidden.

REDUCING TEES 90°

> SOCKET

	Ø/ØR	Pack	Ref.
	25/20	S10*	FTR2520
	32/20	S10*	FTR3220
	32/25	S10*	FTR3225
	40/20	S10*	FTR4020
	40/25	S10*	FTR4025
	40/32	S10*	FTR4032
	50/20	S10*	FTR5020
	50/25	S10*	FTR5025
	50/32	S10*	FTR5032
	50/40	S10*	FTR5040
	63/20	1	FTR6320
	63/25	1	FTR6325


FTR4025

	Ø	Pack	Ref.
	63/32	1	FTR6332
	63/40	1	FTR6340
	63/50	1	FTR6350
	75/25	1	FTR7525
	75/40	1	FTR7540
	75/63	1	FTR7563
	90/25	1	FTR9025
	90/40	1	FTR9040
	90/75	1	FTR9075
	110/32	1	FTR1132
	110/50	1	FTR1150
	110/90	1	FTR1190

FTR1132

3 PIECE UNIONS


> SOCKET/SOCKET - WITH EPDM GASKET

	Ø	Pack	Ref.
	20	S10*	F3P20
	25	S10*	F3P25
	32	S10*	F3P32
	40	S10*	F3P40
	50	S10*	F3P50
	63	1	F3P63

F3P50

3 PIECE UNIONS KRYOCLIM® BRASS


> SOCKET - FEMALE BRASS THREAD, WITH EPDM GASKET

	Ø x G	Pack	Ref.
	20 x 1/2"	1	F3G/L20
	25 x 3/4"	1	F3G/L25
	32 x 1"	1	F3G/L32
	40 x 1 1/4"	1	F3G/L40
	50 x 1 1/2"	1	F3G/L50
	63 x 2"	1	F3G/L63


F3G/L32

PIECE UNIONS KRYOCLIM® BRASS

> SOCKET - MALE BRASS THREAD, WITH EPDM GASKET

	Ø x f	Pack	Ref.
	20 x 1/2"	1	F3F/L20
	25 x 3/4"	1	F3F/L25
	32 x 1"	1	F3F/L32

F3F/L32

	Ø x f	Pack	Ref.
	40 x 1 1/4"	1	F3F/L40
	50 x 1 1/2"	1	F3F/L50
	63 x 2"	1	F3F/L63


F3F/L32

Threaded fittings

For high torque.

THREADED ADAPTORS


> SOCKET/SPIGOT - FEMALE BRASS THREAD

	Ø x G	Pack	Ref.
	20/25 x 1/2"	S5*	FMML20
	25/32 x 3/4"	S5*	FMML25
	32/40 x 1"	S5*	FMML32
	40/50 x 1 1/4"	1	FMML40
	50/63 x 1 1/2"	1	FMML50
	63/75 x 2"	1	FMML63
	75/90 x 2 1/2"	1	FMML75
	90/110 x 3"	1	FMML90

FMML40

ADAPTOR NIPPLES

> SOCKET/SPIGOT - MALE BRASS THREAD

	Ø x f	Pack	Ref.
	20/25 x 1/2"	S5*	FEAL20
	25/32 x 3/4"	S5*	FEAL25
	32/40 x 1"	S5*	FEAL32
	40/50 x 1 1/4"	1	FEAL40
	50/63 x 1 1/2"	1	FEAL50
	63/75 x 2"	1	FEAL63
	75/90 x 2 1/2"	1	FEAL75
	90/110 x 3"	1	FEAL90


FEAL40

Fittings

The use of anaerobic resins as a sealant for threaded joints is strictly forbidden.

ADAPTORS FOR MEASURING ACCESSORIES WITH 1/2" THREAD


> SOCKET - FEMALE BRASS THREAD BRANCH

	Ø	Pack	Ref.
	110	1	FMIL110/12
	160	1	FMIL160/12
			Special order

FLML110/12

ADAPTORS FOR MEASURING ACCESSORIES WITH 3/4" THREAD


> SOCKET - FEMALE BRASS THREAD BRANCH

	Ø	Pack	Ref.
	110	1	FMIL110/34
	160	1	FMIL160/34
			Special order

FLML110/34

CONDENSATE RECOVERY COUPLINGS

> CONDENSATE RECOVERY COUPLINGS


	Ø	Pack*	Ref.
	32 x 16	200	APC32/16
	40 x 16	100*	APC40/16

APC40/16

Valves

DOUBLE UNION BALL VALVES


> SOCKET - EPDM GASKET, FOR AIR CONDITIONING (> 5°C)

	Ø	Pack	Ref.
	20	1	VFCEP20
	25	1	VFCEP25
	32	1	VFCEP32
	40	1	VFCEP40
	50	1	VFCEP50
	63	1	VFCEP63

VFCEP32

FLANGED SOCKET BALL VALVES


> SOCKET - EPDM GASKETS, FOR AIR CONDITIONING (> 5°C)

	Ø	Pack	Ref.	€ HT
	75	1	VFFEP75	
	90	1	VFFEP90	
	110	1	VFFEP110	

For the valves in Ø 75, 90 and 110, it is forbidden to dismantle the backing plates.

FLANGE KITS FOR "COMP" BELLOWS


> STUB FLANGE + BACKING RING + BOLTS + WASHERS

	Ø	Pack	Ref.
	50	1	FKITCOMP50
	63	1	FKITCOMP63
	75	1	FKITCOMP75
	90	1	FKITCOMP90
	110	1	FKITCOMP110
	160		FKITCOMP160

FKITCOMP90

LINEAR EXPANSION COMPENSATORS PN16

> BELLOW TYPE, MADE FROM RUBBER, FOR COLD AND HOT WATER

	Ø	Poids (kg)	Pack	Ref.
	50	3,3	1	COMP50
	63	4,1	1	COMP63
	75	4,5	1	COMP75
	90	5,5	1	COMP90
	110	6,6	1	COMP110
	160	11,4	1	COMP160

COMP110

⚠ BLUE type 49: inside lining BUTYL
Do not use this version for compressed air or chemicals.




Find our welding polymer, Cleaner, tools, supporting,... p. 63

Accessories

Spare parts for older generations of valves.

STUB SOCKETS KRYOCLIM®


> STUB SOCKETS

	Ø	Pack	Ref.
	20	1	COLVFCEP20
	25	1	COLVFCEP25
	32	1	COLVFCEP32
	40	1	COLVFCEP40
	50	1	COLVFCEP50
	63	1	COLVFCEP63

COLVFCEP32

BACKING NUTS KRYOCLIM®


> BACKING NUTS

	Ø	Pack	Ref.
	20	1	ECRVFCEP20
	25	1	ECRVFCEP25
	32	1	ECRVFCEP32
	40	1	ECRVFCEP40
	50	1	ECRVFCEP50
	63	1	ECRVFCEP63

ECRVFCEP25

HANDLE KRYOCLIM®

> HANDLE

	Ø	Pack	Ref.
	25	1	POV25N

POV25N