

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.	Réf.
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*	GAB016
20	S10*	GAB020
25	S10*	GAB025
32	S10*	GAB032
40	S10*	GAB040
50	S10*	GAB050
63	1	GAB063
75	1	GAB075
90	1	GAB090
110	1	GAB0110

* Unpackaging with additional cost



Fittings

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

REDUCING BUSHES LONG PATTERN			REDUCING BUSHES SHORT PATTERN		
> SPIGOT (Ø) / SOCKET (ØR)			> SPIGOT (Ø) / SOCKET (ØR)		
Ø/ØR	Pack	Ref.	Ø/ØR	Pack	Ref.
25/16	S10•	GARD2516	20/16	S10•	GARS20
32/20	S10•	GARD3220	25/20	S10•	GARS25
40/25	S10•	GARD4025	32/25	S10•	GARS32
50/32	S10•	GARD5032	40/32	S10•	GARS40
63/32	1	GARD6332	50/40	S10•	GARS50
63/40	1	GARD6340	63/50	1	GARS63
75/32	1	GARD7532	75/63	1	GARS75
90/50	1	GARD9050	90/75	1	GARS90
90/63	1	GARD9063	110/90	1	GARS110
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 Spigots, with one size interval. Small ends are socket only. Example: GARD 90/63 = 90 Spigot. + 75 Socket / 63 Socket

REDUCING TEES 90°			EQUAL TEES 90°		
> SOCKET/SOCKET			> SOCKET/SOCKET		
Ø/ØR	Pack	Ref.	Ø	Pack	Ref.
20/16	S10•	GATR2016	16	S10•	GATE16
25/16	S10•	GATR2516	20	S10•	GATE20
25/20	S10•	GATR2520	25	S10•	GATE25
32/16	S10•	GATR3216	32	S10•	GATE32
32/20	S10•	GATR3220	40	S10•	GATE40
32/25	S10•	GATR3225	50	S10•	GATE50
40/20	S10•	GATR4020	63	1	GATE63
40/25	S10•	GATR4025	75	1	GATE75
40/32	S10•	GATR4032	90	1	GATE90
50/25	S10•	GATR5025	110	1	GATE110
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			

Threaded fittings

THREADED ADAPTORS			EQUAL THREADED TEES 90°		
> SOCKET - FEMALE THREAD, WITH METAL REINFORCING RING			> SOCKET - FEMALE THREAD BRANCH, WITH METAL REINFORCING RING		
Ø x G	Pack	Ref.	Ø x G	Pack•	Ref.
16 x 3/8"	S10•	GAMM16	16 x 1/2"	S10	GATG1612
20 x 1/2"	S10•	GAMM20	20 x 1/2"	S10	GATG2012
25 x 3/4"	S10•	GAMM25	25 x 3/4"	S10	GATG2534
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.

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

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



GA4G20

Exclusively for assemblies with plastic threaded fittings

ADAPTOR NIPPLES

> SOCKET - MALE THREAD

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



GAEA32

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

REDUCING ADAPTOR NIPPLES

> SOCKET - MALE THREAD

3 PIECE UNIONS

> SOCKET/SOCKET - WITH EPDM GASKET

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



GA3P32

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

3 PIECE UNIONS GIRAIR® / BRASS

> SOCKET - FEMALE BRASS THREAD, WITH EPDM GASKET

3 PIECE UNIONS

> SOCKET - MALE THREAD, WITH EPDM GASKET

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



GA3F-P32

Exclusively for assemblies with plastic threaded fittings

3 PIECE UNIONS GIRAIR® / BRASS

> SOCKET - MALE BRASS THREAD, WITH EPDM GASKETS

CONNECTORS WITH BRASS NUTS

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

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



GAUR20

Exclusively for assemblies with plastic threaded fittings



GA3F-L32

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	Ø (F/M) x G	Pack	Ref.
GAMML32	16/20 x 3/8"	S5•	16/20 x 1/2"	S5	GAMML16
	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
 ADAPTOR NIPPLES			 ADAPTOR NIPPLES		
> SOCKET/SPIGOT - MALE BRASS THREAD			> SOCKET/SPIGOT - MALE BRASS THREAD		
	Ø (F/M) x F	Pack	Ø (F/M) x F	Pack	Ref.
GAEAL32	16/20 x 3/8"	S5•	16/20 x 1/2"	S5	GAEAL16
	20/25 x 1/2"	S5•			GAEAL20
	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

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	Ø	Pack	Ref.
GAAP16	1/2" x 3/8"	1	3/8"	1	GHRR38
	3/4" x 1/2"	1	1/2"	1	GHRR12
	1" x 3/4"	1			
 QUICK ADAPTOR: ISO C			 DROP BENDS 180°		
> QUICK NIPPLES FOR Ø 8 MM FLEXIBLE PIPES - Ø INT.: 6 MM			> SPIGOT/SPIGOT (PROFILE P)		
	Ø	Cond.	Ø	Pack	Ref.
	8	1	16	S10	GA2C16
			20	S10	GA2C20
			25	S10	GA2C25
			32	S5	GA2C32
 DROP BENDS			> SPIGOT/SPIGOT (PROFILE S)		
> SPIGOT/SPIGOT (PROFILE P)			> SPIGOT/SPIGOT (PROFILE S)		
	Ø	Pack•	Ø	Pack	Ref.
GA2C20	16	S10	20	1	Q2S20
	20	S10			
	25	S10			
	32	S5			
					

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 GAAP12G4
	34G4	3/4	4 x 1/2"	1 GAAP34G4

GAAP12G4

WALL PLATES

> WITH 4 OUTLETS AND DRAIN

	Inlet G	Outlet G	Pack	Ref.
	12G4	1/2	4 x 1/2"	1 GAAP12G4P
	34G4	3/4	4 x 1/2"	1 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 GAAP12G2
	34G3	3/4	3 x 1/2"	1 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

GOLGA2MBE32



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

• Unpackaging with additional cost



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, industrial 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.	Ø x f	Pack	Ref.
32 x 1/2"	1	FTFRL3212	32 x 3/4"	1	FTFRL3234
40 x 1/2"	1	FTFRL4012	40 x 3/4"	1	FTFRL4034
50 x 1/2"	1	FTFRL5012	50 x 3/4"	1	FTFRL5034
63 x 1/2"	1	FTFRL6312	63 x 3/4"	1	FTFRL6334



FTFRL5012

REDUCING TEE WITH MALE TREADED BRASS INSERT 3/4"

> REDUCING TEE



FTFRL3234

THREADED 90° TEES WITH BRASS INSERT

> SOCKET - FEMALE BRASS THREAD BRANCH

Ø x G	Pack	Ref.	Ø	Pack	Ref.
32 x 1/2"	1	FTGRL3212	50	1	FCS50
40 x 1/2"	1	FTGRL4012	63	1	FCS63
50 x 1/2"	1	FTGRL5012	75	1	FCS75
63 x 1/2"	1	FTGRL6312	90	1	FCS90



FTGRL5012

SERRATED STUB FLANGES

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



FCS75

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

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.	Ø	Pack	Ref.
25/20	S10*	FRS25	20	S10*	FB020
32/25	S10*	FRS32	25	S10*	FB025
40/32	S10*	FRS40	32	S10*	FB032
50/40	S10*	FRS50	40	S10*	FB040
63/50	S5*	FRS63	50	S10*	FB050
75/63	1	FRS75	63	1	FB063
90/75	1	FRS90	75	1	FB075
110/90	1	FRS110	90	1	FB090
200/160	1	FRS200	110	1	FB0110



FRS50



FB040

Fittings

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

REDUCING TEES 90°

> SOCKET



FTR4025

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



FTR1132

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

3 PIECE UNIONS

> SOCKET/SOCKET - WITH EPDM GASKET



F3P50

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

3 PIECE UNIONS KRYOCLIM® BRASS

> SOCKET - FEMALE BRASS THREAD, WITH EPDM GASKET



F3G/L32

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

PIECE UNIONS KRYOCLIM® BRASS

> SOCKET - MALE BRASS THREAD, WITH EPDM GASKET



F3F/L32

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

Threaded fittings

For high torque.

THREADED ADAPTORS

> SOCKET/SPIGOT - FEMALE BRASS THREAD



FMML40

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

ADAPTOR NIPPLES

> SOCKET/SPIGOT - MALE BRASS THREAD



FEAL40

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

• Unpackaging with additional cost



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



FLMIL110/12

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



FLMIL110/34

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



COLVFCEP32

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

BACKING NUTS KRYOCLIM®

> BACKING NUTS



ECRVFCEP25

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

HANDLE KRYOCLIM®

> HANDLE



POV25N

Ø	Pack	Ref.
25	1	POV25N