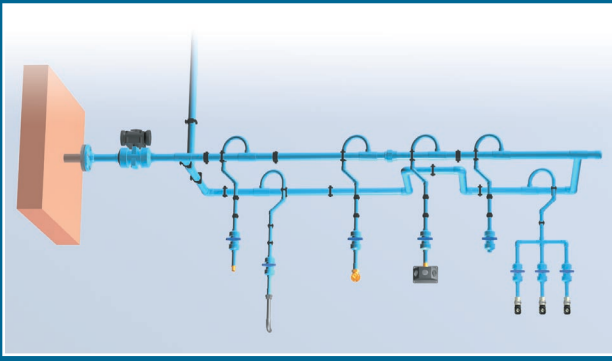


GIRAIR®

the range



DESIGNATION	REFERENCE	DIAMETER IN MM									
		16	20	25	32	40	50	63	75	90	110
GIRAIR PIPE	TUBGA										
SOCKET	GAMA										
90° ELBOW	GA4M										
45° ELBOW	GA8M										
BEND 90°	GA4C										
CROSS 90°	GAXT										
DROP BEND 180°	GA2C										
45° STREET ELBOW	GABM.MF										
EQUAL TEE	GATE										
REDUCING TEE	GATR		16	16	16	20	25	25	25	25	32
SHORT PATERN REDUCER	GARS		16	20	25	32	40	50	63	75	90
LONG PATERN REDUCER	GARD			16	20	25	32	25	32	40	50
CAP	GABO							40	50	63	75
3-PIECE UNION	GA3P										
3-PIECE UNION	GA3F/P	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"			
3-PIECE COMPOSITE UNION	GA3G/F		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"			
3-PIECE COMPOSITE UNION	GA3F/F		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"			
3-PIECE COMPOSITE UNION	GA3G/L	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"			
3-PIECE COMPOSITE UNION	GA3F/L	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"			
TAP CONNECTOR FEMALE	GAUR	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"				
ADAPTOR	GAMM	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"		
ADAPTOR WITH BRASS INSERT	GAMML	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"			
90° TEREAD ELBOW	GA4G	1/2"	1/2"	3/4"							
90° TEREAD ELBOW BRASS INSERT	GA4GL	1/2"	1/2"	3/4"							
THEREADED TEE	GATG	1/2"	1/2"	3/4"							
"A" MALE ADAPTATOR	GAEA	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"		
"A" MALE ADAPT. WITH BRASS INSERT	GAEAL	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"			
"B" MALE ADAPTATOR	GAEB	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"				
"B" MALE ADAPT. WITH BRASS INSERT	GAEBL	1/2"		1"							
HCK MONOCLIP BRACKET	HCK										
HCKP MONOCLIP BRACKET	HCKP										
BALL VALVE	GA2MBE										
BALL VALVE	GA2MFE										
BALL VALVE WITH ELECTRIC ACTUATOR	VAEG										
BALL VALVE WITH PNEUMATIC ACTUATOR	VAPG										

Simplified installation

The GIRAIR® system is installed without the need for any heavy or large equipment, and is totally dirt and flame free.

The GIRAIR® system and the use of GIRIFIX GA ensure **perfectly airtight** chemical cold welds, ready to be pressurised very quickly, with minimum intervention of maintenance personnel.



Cold welding :

- airtightness
- speed
- cleanliness

50 years of performances

The GIRAIR® system has been designed for a minimum life-length of 50 years.

Temp/°C	Pressure/bar
- 20°	12.5
+ 25°	12.5
+ 50°	8

Impact resistance

Due to the nature of its ductile component alloy, GIRAIR® has an excellent resistance to impacts, making the network even safer. Its ductile fracture limit makes it particularly resistant, even to an impact of 150 joules (for comparison, hitting something violently with a hammer produces 15 joules).



1 - Cutting



2 - Chamfering



3 - Bonding with welding polymer



4 - Assembling