

Robust AirTM

PIPINGSYSTEM

(in Technical Collaboration with [aircom](#) Italy)



PRODUCT RANGE



Certifications

Thanks to our in-house Quality Control function, **we continually test, inspect and verify** at every phase of design and production of our components, including after sales assistance.

AIRCOM's technical, industrial and commercial activities are regulated by the **corporate quality standard UNI EN ISO 9001 certified by the TÜV institute.**

Furthermore, the **Quick Line** system has obtained the **T.S.S.A. (Technical Standards & Safety Authority)** certification, too.

Among the numerous certifications achieved by our products, of particular note is the **Reaction to Fire Classification Report issued by the RINA Agency** for the **Quick Line** systems.



Italia



Sizing - Robust Air

Sizing a Network

Select the Robust Air diameter for your application based on required flow and length. Estimated values for a closed loop network, a pressure of 7 bar with maximum 5% pressure drop [=0.35 bar]. Velocity is not taken into account

Flow			Lenght										Compressor (kw)
			164ft	328ft	492ft	984ft	1640ft	2460ft	3280ft	4265ft	5249ft	6561ft	
Nm³/h	NI/min	sxfm	50m	100m	150m	300m	500m	750m	1000m	1300m	1600m	2000m	
10	167	6	20	20	20	20	20	20	20	25	25	25	1
30	500	18	20	20	20	25	25	25	25	25	25	25	3
50	833	29	20	25	25	25	25	25	40	40	40	40	5.5
70	1 167	41	25	25	25	25	40	40	40	40	40	40	7.5
100	1 667	59	25	25	25	40	40	40	40	40	40	40	11
150	2 500	88	25	25	40	40	40	40	40	40	50	50	15
250	4 167	147	25	40	40	40	40	50	50	50	50	50	25
350	5 833	206	40	40	40	40	50	50	63	63	63	63	30
500	8 333	294	40	40	40	50	50	63	63	63	63	80	45
750	12 500	441	40	50	50	63	63	63	80	80	80	80	75
1000	16 667	589	50	50	63	63	80	80	80	80	110	110	90
1250	20 883	736	50	50	63	63	80	80	110	110	110	110	110
1500	25 000	883	63	63	80	80	80	110	110	110	110	110	132
1750	29 167	1 030	63	63	80	80	110	110	110	110	110	110	160
2000	33 333	1 117	80	80	80	80	110	110	110	110	168	168	200
2500	41 667	1 471	80	80	110	110	110	110	110	168	168	168	250
3000	50 500	1 766	80	80	110	110	110	168	168	168	168	168	315
3500	58 333	2 060	110	110	110	110	110	168	168	168	168	168	355
4000	66 667	2 354	110	110	110	168	168	168	168	168	168	168	400
4500	75 000	2 649	110	110	110	168	168	168	168	168	168	168	450
5000	83 333	2 943	110	110	110	168	168	168	168	168	168	168	500
5500	91 667	3 237	110	110	110	168	168	168	168	168	168	168	550
6000	100 000	3 531	110	110	168	168	168	168	168	168	168	168	600
6500	108 333	3 826	110	110	168	168	168	168	168	168	168	220	650
7000	116 667	4 120	110	168	168	168	168	168	168	168	168	220	700
10000	116 667	5 886	110	168	168	168	168	168	220	220	220	220	1000
11000	183 333	6 474	110	168	168	168	168	168	220	220	220	220	1100
12000	200 000	7062	110	168	168	168	168	220	220	220	220	220	1200



ALUMINIUM PIPE

CODE	Ø	m	COLOR
RALTUAL4016S	16	4	Blue
RALTUAL4020S	20	4	Blue
RALTUAL4025S	25	4	Blue
RALTUAL4032S	32	4	Blue
RALTUAL4040S	40	4	Blue
RALTUAL4050S	50	4	Blue
RALTUAL4063S	63	4	Blue
RALTUAL020S	20	5,8	Blue
RALTUAL025S	25	5,8	Blue
RALTUAL032S	32	5,8	Blue
RALTUAL040S	40	5,8	Blue
RALTUAL050S	50	5,8	Blue
RALTUAL063S	63	5,8	Blue
RALTUAL080S	80	5,8	Blue
RALTUAL110S	110	5,8	Blue
QLTUAL168S	168,3	5,8	Blue
QLTUAL220S	220	5,8	Blue
RALTUALGY020S	20	5,8	Grey
RALTUALGY025S	25	5,8	Grey
RALTUALGY032S	32	5,8	Grey
RALTUALGY040S	40	5,8	Grey
RALTUALGY050S	50	5,8	Grey
RALTUALGY063S	63	5,8	Grey
RALTUALGY080S	80	5,8	Grey
RALTUALG020S	20	5,8	Green
RALTUALG025S	25	5,8	Green
RALTUALG040S	40	5,8	Green
RALTUALG063S	63	5,8	Green



END CAP IN ALUMINIUM

CODE	Ø
QLCAAL020	20
QLCAAL025	25
QLCAAL032	32
QLCAAL040	40
QLCAAL050	50
QLCAAL063	63
QLCAAL080	80
DIRFC110DIN	110
QLCAAL168	168,3
QLCAAL220	220



COUPLING IN HR-POLYMER

CODE	Ø
QLMAPA016	16
QLMAPA020	20
QLMAPA025	25
QLMAPA032	32
QLMAPA040	40
QLMAPA050	50



90° ELBOW IN HR-POLYMER

CODE	Ø
QLG090PA016	16
QLG090PA020	20
QLG090PA025	25
QLG090PA032	32
QLG090PA040	40
QLG090PA050	50



90° ELBOW IN ALUMINIUM

CODE	Ø
QLG090AL063	63
QLG090AL080	80
QLG090AL110	110
QLG090AL168	168,3
QLG090AL220	220



THREADED TEE, FEMALE THREAD IN ALUMINIUM

CODE	Ø
QLTPAL032088	32x1"
QLTPAL040108	40x1.1/4"
QLTPAL050128	50x1.1/2"
QLTPAL063168	63x2"
QLTPAL080208	80x2.1/2"
QLTPAL110248	110x3"



TEE IN HR-POLYMER

CODE	Ø
QLTEPA016	16
QLTEPA020	20
QLTEPA025	25
QLTEPA032	32
QLTEPA040	40
QLTEPA050	50



COUPLING IN ALUMINIUM

CODE	Ø
QLMAAL063	63
QLMAAL080	80
QLMAAL110	110
QLMAAL168	168,3
QLMAAL220	220



TEE IN ALUMINIUM

CODE	Ø
QLTEAL063	63
QLTEAL080	80
QLTEAL110	110
QLTEAL168	168,3
QLTEAL220	220



REDUCTION IN HR-POLYMER

CODE	Ø
QLRIDPA025020	25X20
QLRIDPA032025	32X25
QLRIDPA040025	40X25
QLRIDPA040032	40X32
QLRIDPA050040	50X40



90° ELBOW, MALE THREAD IN HR-POLYMER

CODE	Ø
QLG090PM020048	20x1/2"
QLG090PM025048	25x1/2"
QLG090PM025068	25x3/4"



REDUCING TEE IN HR-POLYMER

CODE	Ø
QLTRPA020016	20X16
QLTRPA025016	25X16
QLTRPA025020	25X20
QLTRPA032020	32X20
QLTRPA032025	32X25
QLTRPA040020	40x20
QLTRPA040025	40X25
QLTRPA040032	40X32
QLTRPA050020	50x20
QLTRPA050025	50x25
QLTRPA050032	50X32
QLTRPA050040	50X40
QLTRPA063020	63x20
QLTRPA063025	63x25
QLTRPA063040	63X40
QLTRPA063050	63X50



QUICK BRANCH PLUG, SCREW NUT IN HR-POLYMER

CODE	Ø
QLDERPA025016	25X16
QLDERPA025020	25X20
QLDERPA032016	32X16
QLDERPA032020	32X20
QLDERPA040016	40X16
QLDERPA040020	40X20
QLDERPA040025	40X25
QLDERPA050016	50X16
QLDERPA050020	50X20
QLDERPA050025	50X25
QLDERPA063020	63X20
QLDERPA063025	63X25
QLDERPA063032	63X32
QLDERPA080020	80X20
QLDERPA080025	80X25
QLDERPA080032	80X32
QLDERPA110025	110x25
QLDERPA110032	110x32



FLANGED COUPLING IN ALUMINIUM

CODE	Ø
QLMFLAL063168DIN	63X2"
QLMFLAL080248DIN	80X3"
QLMFLAL110328DIN	110X4"



END CAP IN HR-POLYMER

CODE	Ø
QLCAPA016	16
QLCAPA020	20
QLCAPA025	25
QLCAPA032	32
QLCAPA040	40
QLCAPA050	50
QLCAPA063	63



NIPPLE SOCKET, MALE THREADED IN ALUMINIUM

CODE	Ø
QLMNMAL063168	63X2"
QLMNMAL063208	63X2.1/2"
QLMNMAL080208	80X2.1/2"
QLMNMAL080248	80X3"



QUICK LINE DROP LEG BALL VALVE, FEMALE THREADED

CODE	Ø
QLVAF016048	16X1/2"
QLVAF020048AL	20X1/2"
QLVAF025068AL	25X3/4"



QUICK LINE DROP LEG BALL VALVE, MALE THREADED

CODE	Ø
QLVAM016048	16X1/2"
QLVAM020048AL	20X1/2"
QLVAM025068AL	25X3/4"



THREADED TEE, FEMALE THREAD IN HR-POLYMER

CODE	Ø
QLTPPA020048	20x1/2"
QLTPPA025048	25x1/2"



QUICK BRANCH PLUG, FEMALE THREAD OUTLET

CODE	Ø
DIRDERFF025048	25x1/2"
DIRDERFF032048	32x1/2"
DIRDERFF040048	40x1/2"
DIRDERFF040068	40x3/4"
DIRDERFF050048	50x1/2"
DIRDERFF050068	50x3/4"
DIRDERFF063048	63x1/2"
DIRDERFF063068	63x3/4"
DIRDERFF063088	63x1"
DIRDERFF080048	80x1/2"
DIRDERFF080068	80x3/4"
DIRDERFF080088	80x1"
DIRDERFF11068	110X3/4"
DIRDERFF11088	110X1"
QLDER168108	168,3x1.1/4"
QLDER168128	168,3x1.1/2"
QLDER168168	168,3x2"
QLDER168208	168,3x2.1/2"
QLDER168248	168,3x3"
QLDER220168	220x2"



NIPPLE SOCKET, MALE THREADED, IN HR-POLYMER

CODE	Ø
QLMNPA016048	16X1/2"
QLMNPA020048	20X1/2"
QLMNPA020068	20X3/4"
QLMNPA025048	25X1/2"
QLMNPA025068	25X3/4"
QLMNPA025088	25X1"
QLMNPA032088	32X1"
QLMNPA032108	32X1.1/4"
QLMNPA040088	40X1"
QLMNPA040108	40X1.1/4"
QLMNPA040128	40X1.1/2"
QLMNPA050128	50X1.1/2"
QLMNPA050168	50X2"



FLANGED COUPLING 168,3 MM

CODE	Ø
QLFLA168480DIN	168,3
QLFLA220640DIN	220



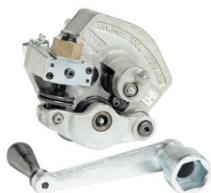
BALL VALVE, THREADED

CODE	Ø
RABVFF048	1/2"
RABVFF068	3/4"
RABVFF088	1"
RABVFF108	1.1/4"
RABVFF128	1.1/2"
RABVFF168	2"
RABVFF208	2.1/2"
RABVFF248	3"
RABVMF048	1/2"



POLYURETHANE TUBES

CODE	Ø
RAPU4X2.5	4X2.5 mm
RAPU6X4	6X4 mm
RAPU8X5.5	8x5.5 mm
RAPU10X7	10X7 mm
RAPU12X8	12X8 mm
RAPU14X9.5	14X9.5 mm
RAPU16x11	16X11 mm



FIELD PORTABLE ROLL GROOVING TOOL FOR Ø168,3 MM ALUMINIUM PIPE

CODE	Ø
DIRRULLUNI	Universal



WALL MOUNT ALUMINIUM MANIFOLDS

CODE	IN	OUT	OUTLETS
APLALL048	1/2"	1/2"	2
APLALL068	3/4"	1/2"	2
DIRAPFRLAL048048	1/2"	1/2"	3
DIRAPLAL048048	1/2"	1/2"	4
DIRAPLAL068068	3/4"	3/4"	4
DIRPMUAL120	3/4"	1/2"	5
APLALLMUL068038	3/4"	3/8"	7
APLALLMUL068048	3/4"	1/2"	7
DIRPMUAL200	3/4"	1/2"	7



BUTTERFLY VALVE

CODE	Ø
QLVALFAR110	110
QLVALFAR168	168,3
QLVALFAR220	220



BRACKETS, WITH M8 THREAD INSERT PIECE

CODE	Ø
DIRFEM8016CF	16
DIRFEM8020CF	20
DIRFEM8025CF	25
DIRFEM8032CF	32
DIRFEM8040CF	40
DIRFEM8050CF	50
DIRFEM8063CF	63
DIRFEM8080CF	80
DIRFEM8110CF	110
DIRFEM10168CF	168,3
DIRFEM10220CF	220



HSS CORE DRILL FOR QUICK BRANCH PLUGS

CODE	Ø
DIRDRILL15	15 mm
DIRDRILL19	19 mm



REDUCTION PIPE, MALE/MALE CONNECTION

CODE	Ø
QLRIDTU025020	25x20
QLRIDTU032020	32x20
QLRIDTU032025	32x25
QLRIDTU040025	40x25
QLRIDTU040032	40x32
QLRIDTU050032	50x32
QLRIDTU050040	50x40
QLRIDTU063040	63x40
QLRIDTU063050	63x50
QLRIDTU080050	80x50
QLRIDTU080063	80x63
QLRIDTU110050	110x50
QLRIDTU110063	110x63
QLRIDTU110080	110x80
QLRIDTU168063	168x63
QLRIDTU168080	168x80
QLRIDTU168110	168x110
QLRIDTU220080	220x80
QLRIDTU220110	220x110
QLRIDTU220168	220x168

FRL, COMPLETE

CODE	Ø
RAFRL018	1/4"
RAFRL028	3/8"
RAFRL048	1/2"
RAFRL068	3/4"
RAFRL088	1"



QL NUT WRENCH FOR ALUMINIUM FITTINGS

CODE	Ø
QLCLEAL063	63
QLCLEAL080	80



HOLDING TOOL FOR ALUMINIUM FITTINGS BODIES

CODE	Ø
QLCPR020	20
QLCPR025	25
QLCPR032	32
QLCPR050	50



PIPE CUTTERS FOR ALUMINIUM AND MULTILAYER PIPE

CODE	Ø
DIRTAT016063	16-63
DIRCUTML016025	16-25



PROFESSIONAL ASSEMBLY LUBRICATING GEL & FLUID (OILFREE)

CODE	ml
DIRLUBGEL0950	950
DIRLUB0750	750



CHAMFERING TOOLS FOR PIPES

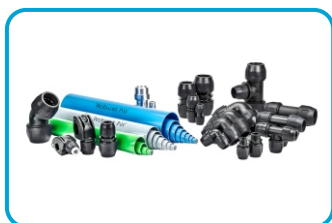
CODE	Ø
DIRSM016050	16-50
DIRSM063110	63-110
DIRSBVUNI	universal



QUICK LINE NUT WRENCH FOR HR-POLYMER FITTINGS

CODE	Ø
QLCLE16020	16-20
QLCLE25032	25-32
QLCLE40050	40-50
QLCLE63	63

OUR COMPLETE PRODUCT RANGE



ALUMINIUM PIPING



DESSICANT DRYER



OXYGEN PLANT



NITROGEN PLANT



PISTON COMPRESSOR



AIR RECEIVER



FILTERS



HEAT EXCHANGER



PU FITINGS



AUTO DRAIN VALVES



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