



INNOVA TIVE REFRIGERA TION





OUR EXPERTISE, OUR VIEW.

Refrigera Industriale è un'azienda manifatturiera italiana, che opera nel settore HVAC-R (Riscaldamento, Ventilazione, Condizionamento dell'aria e Refrigerazione), offrendo una gamma completa di prodotti, progettati internamente e realizzati con elevate competenze tecniche e impiegando materie prime certificate. Il successo dei nostri prodotti, contraddistinti dal marchio registrato Refrigera® è stato realizzato grazie all'elevata qualità, alla riconosciuta innovatività e alla marcata personalizzazione dell'offerta. In Refrigera Industriale progettiamo e produciamo valvole idonee per impianti di refrigerazione sempre al passo con le restrittive normative ambientali, e in grado di soddisfare i requisiti tecnici e di efficienza energetica dei sistemi più innovativi. I nostri clienti, provenienti da tutto il mondo, si rivolgono a Refrigera, cercando non solo un prodotto, ma soprattutto una soluzione tecnica. A tale scopo Refrigera progetta, produce e commercializza una gamma completa di valvole per la refrigerazione industriale e commerciale, disegnata su misura, per le esigenze specifiche di ciascun cliente, idonee per qualsiasi tipo di impianto, funzionante con i più diffusi fluidi refrigeranti a basso impatto ambientale.

Refrigera detiene un consolidato know-how anche nella progettazione di componenti in rame idonei per i più diffusi sistemi di condizionamento dell'aria. Il nostro catalogo contiene una gamma completa di derivazioni, collettori e componenti realizzati su misura per sistemi VRF e per qualsiasi circuito del settore HVACR. L'intera gamma di prodotto è disponibile con coibentazioni personalizzate, realizzate in materiale certificato in Classe 1.

I nostri progetti di Ricerca & Sviluppo possono contare su persone di valore, le cui expertise consentono a Refrigera di conquistare ogni anno nuovi clienti e nuovi mercati. Abbiamo deciso di produrre solo in Italia, per controllare ogni fase del processo produttivo e per migliorare continuamente le prestazioni e l'affidabilità dei nostri prodotti. Ogni nostro prodotto nasce dall'ambizione di fare qualcosa di valore, per il cliente e per noi.

I nostri prodotti hanno acquisito le più ambite certificazioni europee e nordamericane e vengono sottoposti singolarmente a test funzionali molto severi. Le materie prime impiegate nella produzione vengono acquistate da fornitori selezionati e accreditati a livello internazionale.

La tutela dell'ambiente è un nostro valore, presente in ogni nostro obiettivo. La nostra azienda agisce nel pieno rispetto delle normative ambientali e con la massima attenzione all'efficienza energetica di ogni processo industriale. Così come i nostri prodotti vengono progettati per durare a lungo e per offrire prestazioni elevate nei più diffusi impianti funzionanti con gas refrigeranti ecocompatibili. La nostra azienda è integrata con il territorio e persegue obiettivi ambientali e sociali, a fianco di quelli economici e finanziari. Ogni giorno contribuiamo a realizzare un futuro prospero, pulito e sicuro.

Refrigera Industriale is an Italian manufacturer that operates in the HVAC-R industry (Heating, Ventilation, Air Conditioning and Refrigeration) and offers a full range of products designed in-house and made with top technical expertise by using certified raw materials.

The success of our products lies in their high quality, acclaimed innovation and customised solutions. At Refrigera we design and manufacture valves for refrigeration systems that are always in line with strict environmental regulations, as well as the technical and energy efficiency requirements of the most innovative systems. Our customers from around the world turn to Refrigera and do not only seek a product, but above all a technical solution. This is why Refrigera designs, manufactures and markets a full range of valves for industrial and commercial refrigeration, customised according to the specific needs of each client, suitable for any kind of system and operating with the most popular coolants with a low environmental impact.

Refrigera has a well-established know-how also in terms of design of copper components suitable for the most popular air conditioning systems. Our catalogue contains a full range of shunts, manifolds and components tailored to VRF systems and for any HVAC-R industry circuit. The entire product range is available with customised insulation made of Class 1 certified material.

All products sold are covered by the Refrigera® internationally registered trademark.

Our R&D projects can count on valuable people and with their expertise every year Refrigera acquires new customers and new markets. We decided to only manufacture in Italy to monitor every stage of the production process and constantly improve the performance and reliability of our products. Each product stems from the desire to provide value for the customer and ourselves.

Our products have gained the most coveted European and North American certifications and each one of them undergoes very strict operating tests. The raw materials used at the production stage are top quality materials purchased from selected suppliers.

Environmental protection is one of our values featured in all our goals. Our company acts in full compliance with environmental regulations and with the utmost attention to ensuring energy efficiency for every industrial process. Likewise, our products are designed to guarantee longevity and offer high performance in the most popular systems operating with eco-friendly refrigerant gases. Our company has a widespread local network and pursues social and environmental objectives, alongside economic and financial ones. Every day we help build a prosperous, clean and safe future.

**INNOVA
TIVE
REFRIGERA
TION**



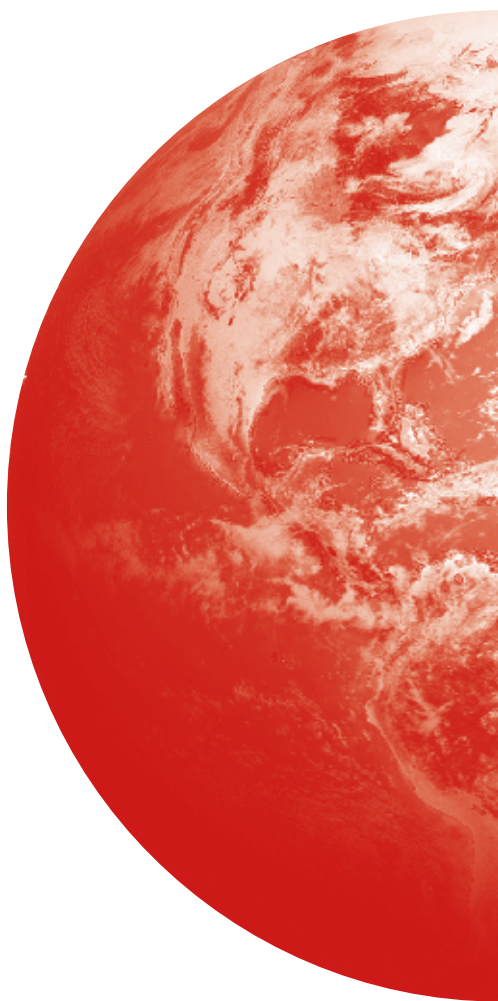
HFC – HFO

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*KV: In assenza di valori, sono disponibili a richiesta / In the absence of values, they are available on request
Falls nicht vorhanden, sind die Werte auf Anfrage erhältlich / En l'absence de valeurs, elles sont disponibles sur demande



HFC-HFO

R1233ZD* , R1234ZE* , R32* ,
R113, R114, R134A, R142B,
R152A, R227EA, R404A,
R407A, R407B, R407C,
R407F, R410A, R417A,
R422A, R422D, R427A,
R448A, R449A, R449B,
R450A, R452A, R454B* ,
R454C* , R513A, R401A,
R408A, R409A, R507

- Per i fluidi refrigeranti che non compaiono nell'elenco, preghiamo di contattare l'ufficio tecnico per verificarne la compatibilità.
- With regards to refrigerant fluids that do not appear on the list , please contact our technical office to check compatibility
- Für nicht aufgeführte Kältemittel wenden Sie sich bitte an die technische Abteilung, um deren Kompatibilität zu prüfen
- Pour les réfrigérants qui ne sont pas présents dans la liste, veuillez contacter le bureau technique pour en vérifier la compatibilité

* Per applicazioni con fluidi refrigeranti classificati A2L secondo la norma ISO 817:2014 Refrigerants - designation and safety classification contattare l'ufficio tecnico della Refrigera Industriale srl

* For applications with A2L classified refrigerant fluids according to ISO 817:2014 Refrigerants - designation and safety classification, please contact Refrigera Industriale srl technical office

* Für Anwendungen mit Kältemittel, die gemäß ISO 817:2014 Refrigerants - designation and safety classification als A2L klassifiziert sind, wenden Sie sich bitte an das technische Büro von Refrigera Industriale srl

* Pour l'utilisation avec réfrigérants classés A2L conformément à la norme ISO 817:2014 Refrigerants - designation and safety classification, veuillez contacter le bureau technique de Refrigera Industriale srl



Valvola a sfera 2 vie senza Schrader

2 way ball valves without Schrader

2 wege kugelventile ohne Schrader

Vanne à bille 2 voies sans Schrader

2 WAY BALL VALVE WITHOUT SCHRADER

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m ³ /h

TEMPERATURE °C MIN -40 / MAX +150

BV20Z006R0000	6		8	52	1,2
BV20Z014R0000		1/4"	8	52	1,2
BV20Z008R0000	8	5/16"	8	52	3,8
BV20Z038R0000		3/8"	8	52	4
BV20Z010R0000	10		8	52	4
BV20ZM12R0000	12		8	52	3,5
BV20Z012R0000		1/2"	8	52	3,5
BV20A006R0000	6		10	52	1,1
BV20A014R0000		1/4"	10	52	1,1
BV20A008R0000	8	5/16"	10	52	3,4
BV20A038R0000		3/8"	10	52	3,5
BV20A010R0000	10		10	52	3,5
BV20AM12R0000	12		10	52	6,7
BV20A012R0000		1/2"	10	52	6,7
BV20B015R0000	15		15	52	14,4
BV20B016R0000	16	5/8"	15	52	14,8
BV20B018R0000	18		15	52	17
BV20B034R0000		3/4"	15	52	16,9
BV20C022R0000	22	7/8"	19	52	29,3
BV20D028R0000	28		23,5	52	54,8
BV20D118R0000		1-1/8"	23,5	52	55,1
BV20E035R0000	35	1-3/8"	32	52	114,7
BV20F158R0000		1-5/8"	40	52	156,2
BV20F042R0000	42		40	52	156,2
BV20G054R0000	54	2-1/8"	50	52	354,8
BV20G064R0000	64		50	45	125,7
BV20G258R0000		2-5/8"	50	45	118,8
BV20H064R0000	64		65	45	499,3
BV20H258R0000		2-5/8"	65	45	494
BV20H076R0000	76	3"	65	45	333,7
BV20H080R0000	80	3-1/8"	65	45	259,2
BV20L080R0000	80	3-1/8"	80	40	701
BV20L089R0000	89	3" 1/2	80	40	768,1
BV20L092R0000	92	3-5/8"	80	40	503,1
BV20L105R0000	105	4-1/8"	80	40	*
BV20L108R0000	108	4" 1/4	80	40	312,7



Valvole a sfera 2 vie senza Schrader

2 way ball valves without Schrader

2 wege kugelventile ohne Schrader

Vanne à bille 2 voies sans Schrader

2 WAY BALL VALVE WITHOUT SCHRADER					
CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	Int. Ø	Ext. Ø			
	mm	mm	Ø mm	bar	m ³ /h

TEMPERATURE °C MIN -40 / MAX +150

BV20M114I0200	100	114	100	32	1241,6
BV20M115I0000	115	115	100	32	1284,5
BV20M127I0000	127	127	100	32	731,6



Valvole a sfera 2 vie con Schrader

2 way ball valves with Schrader

2 wege kugelventile mit Schrader

Vanne à bille 2 voies avec Schrader

2 WAY BALL VALVE WITH SCHRADER					
CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m ³ /h
TEMPERATURE °C MIN -40 / MAX +150					
SV20A006R0000	6		10	52	1,1
SV20A014R0000		1/4"	10	52	1,1
SV20A008R0000	8	5/16"	10	52	3,4
SV20A038R0000		3/8"	10	52	3,5
SV20A010R0000	10		10	52	3,5
SV20AM12R0000	12		10	52	6,7
SV20A012R0000		1/2"	10	52	6,7
SV20B015R0000	15		15	52	14,4
SV20B016R0000	16	5/8"	15	52	14,8
SV20B018R0000	18		15	52	17
SV20B034R0000		3/4"	15	52	16,9
SV20C022R0000	22	7/8"	19	52	29,3
SV20D028R0000	28		23,5	52	54,8
SV20D118R0000		1-1/8"	23,5	52	55,1
SV20E035R0000	35	1-3/8"	32	52	114,7
SV20F158R0000		1-5/8"	40	52	156,2
SV20F042R0000	42		40	52	156,2
SV20G054R0000	54	2-1/8"	50	52	354,8
SV20G064R0000	64		50	45	125,7
SV20G258R0000		2-5/8"	50	45	118,8
SV20H064R0000	64		65	45	499,3
SV20H258R0000		2-5/8"	65	45	494
SV20H076R0000	76	3"	65	45	333,7
SV20H080R0000	80	3-1/8"	65	45	259,2
SV20L080R0000	80	3-1/8"	80	40	701
SV20L089R0000	89	3" 1/2	80	40	768,1
SV20L092R0000	92	3-5/8"	80	40	503,1
SV20L105R0000	105	4-1/8"	80	40	*
SV20L108R0000	108	4" 1/4	80	40	312,7



Valvole a sfera 3 vie senza Schrader

3 way ball valves without Schrader

3 wege kugelventile ohne Schrader

Vanne à bille 3 voies sans Schrader

3 WAY BALL VALVE WITHOUT SCHRADER

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m ³ /h

TEMPERATURE °C MIN -40 / MAX +150

BV30A006R0000	6		9	52	0,9
BV30A014R0000		1/4"	9	52	0,9
BV30A008R0000	8	5/16"	9	52	*
BV30A038R0000		3/8"	9	52	2,1
BV30A010R0000	10		9	52	2,1
BV30AM12R0000	12		9	52	2,2
BV30A012R0000		1/2"	9	52	2,2
BV30B015R0000	15		13	52	4,3
BV30B016R0000	16	5/8"	13	52	4,4
BV30B018R0000	18		13	52	4,3
BV30B034R0000		3/4"	13	52	4,3
BV30C022R0000	22	7/8"	17	52	7,2
BV30D028R0000	28		22	52	11,7
BV30D118R0000		1-1/8"	22	52	11,8
BV30E035R0000	35	1-3/8"	26	52	15,3
BV30F158R0000		1-5/8"	36	52	35,5
BV30F042R0000	42		36	52	36,1
BV30G054R0000	54	2-1/8"	46	52	55,1
BV30G064R0000	64		46	45	51,7
BV30G258R0000		2-5/8"	46	45	54,4
BV30H064R0008	64		60	45	93,3
BV30H258R0008		2-5/8"	60	45	94,2
BV30H076R0008	76	3"	60	45	96,9
BV30H080R0008	80	3-1/8"	60	45	99,2



Valvole a sfera 3 vie con Schrader

3 way ball valves with Schrader

3 wege kugelventile mit Schrader

Vanne à bille 3 voies avec Schrader

3 WAY BALL VALVE WITH SCHRADER					
CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m ³ /h
TEMPERATURE °C MIN -40 / MAX +150					
SV30A006R0000	6		9	52	0,9
SV30A014R0000		1/4"	9	52	0,9
SV30A008R0000	8	5/16"	9	52	*
SV30A038R0000		3/8"	9	52	2,1
SV30A010R0000	10		9	52	2,1
SV30AM12R0000	12		9	52	2,2
SV30A012R0000		1/2"	9	52	2,2
SV30B015R0000	15		13	52	4,3
SV30B016R0000	16	5/8"	13	52	4,4
SV30B018R0000	18		13	52	4,3
SV30B034R0000		3/4"	13	52	4,3
SV30C022R0000	22	7/8"	17	52	7,2
SV30D028R0000	28		22	52	11,7
SV30D118R0000		1-1/8"	22	52	11,8
SV30E035R0000	35	1-3/8"	26	52	15,3
SV30F158R0000		1-5/8"	36	52	35,5
SV30F042R0000	42		36	52	36,1
SV30G054R0000	54	2-1/8"	46	52	55,1
SV30G064R0000	64		46	45	51,7
SV30G258R0000		2-5/8"	46	45	54,4
SV30H064R0008	64		60	45	93,3
SV30H258R0008		2-5/8"	60	45	94,2
SV30H076R0008	76	3"	60	45	96,9
SV30H080R0008	80	3-1/8"	60	45	99,2



Valvole a sfera 2 vie senza Schrader predisposte per l'attuatore

2 way ball valves fit for actuator without Schrader

2 wege kugelventile geeignet für antrieb ohne Schrader

Vanne à bille 2 voies sans Schrader prédisposées pour l'actionneur

2 WAY BALL VALVE WITHOUT SCHRADER FIT FOR ACTUATOR

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

BV20A006R0001	6		10	52	1,1
BV20A014R0001		1/4"	10	52	1,1
BV20A008R0001	8	5/16"	10	52	3,4
BV20A038R0001		3/8"	10	52	3,5
BV20A010R0001	10		10	52	3,5
BV20AM12R0001	12		10	52	6,7
BV20A012R0001		1/2"	10	52	6,7
BV20B015R0001	15		15	52	14,4
BV20B016R0001	16	5/8"	15	52	14,8
BV20B018R0001	18		15	52	17
BV20B034R0001		3/4"	15	52	16,9
BV20C022R0001	22	7/8"	19	52	29,3
BV20D028R0001	28		23,5	52	54,8
BV20D118R0001		1-1/8"	23,5	52	55,1
BV20E035R0001	35	1-3/8"	32	52	114,7
BV20F158R0001		1-5/8"	40	52	156,2
BV20F042R0001	42		40	52	156,2
BV20G054R0001	54	2-1/8"	50	52	354,8
BV20G064R0001	64		50	45	125,7
BV20G258R0001		2-5/8"	50	45	118,8
BV20H064R0001	64		65	45	499,3
BV20H258R0001		2-5/8"	65	45	494
BV20H076R0001	76	3"	65	45	333,7
BV20H080R0001	80	3-1/8"	65	45	259,2
BV20L080R0001	80	3-1/8"	80	40	701
BV20L089R0001	89	3" 1/2	80	40	768,1
BV20L092R0001	92	3-5/8"	80	40	503,1
BV20L105R0001	105	4-1/8"	80	40	*
BV20L108R0001	108	4-1/4"	80	40	312,7



**Valvole a sfera 2 vie senza Schrader
predisposte per l'attuatore**

**2 way ball valves fit for actuator
without Schrader**

**2 wege kugelventile geeignet für antrieb
ohne Schrader**

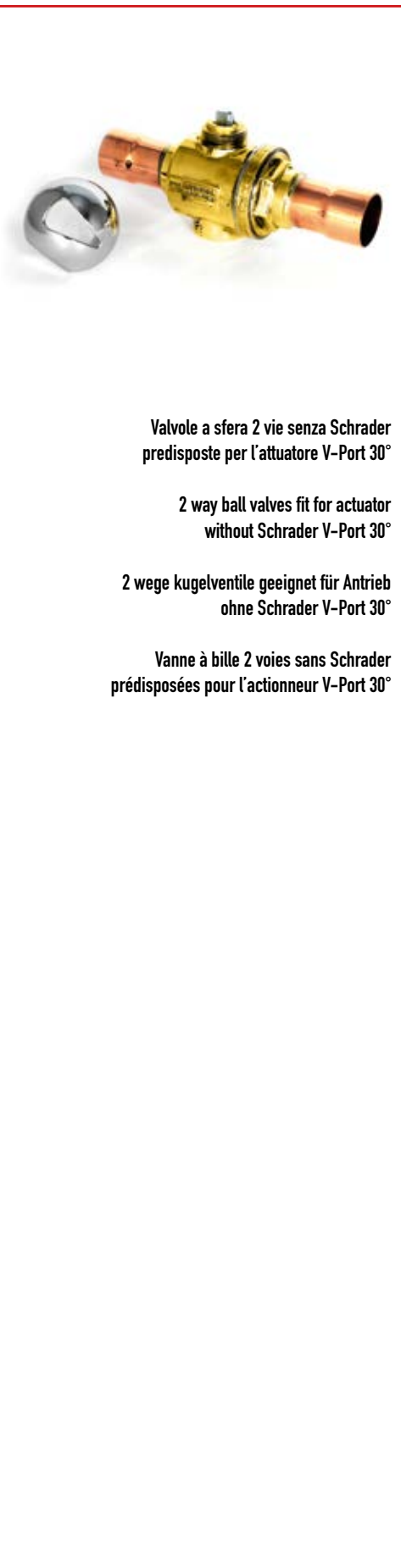
**Vanne à bille 2 voies sans Schrader
prédisposées pour l'actionneur**

2 WAY BALL VALVE WITHOUT SCHRADER FIT FOR ACTUATOR

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	Int. Ø	Ext. Ø			
	mm	mm	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

BV20M114I0201	100	114	100	32	1241,6
BV20M115I0001	115	115	100	32	1284,5
BV20M127I0001	119	127	100	32	731,6



Valvole a sfera 2 vie senza Schrader predisposte per l'attuatore V-Port 30°

2 way ball valves fit for actuator without Schrader V-Port 30°

2 wege kugelventile geeignet für Antrieb ohne Schrader V-Port 30°

Vanne à bille 2 voies sans Schrader prédisposées pour l'actionneur V-Port 30°

2 WAY BALL VALVE WITHOUT SCHRADER FIT FOR ACTUATOR V PORT 30°

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40/ MAX +150

BV20A006R0003	6		10	52	*
BV20A014R0003		1/4"	10	52	*
BV20A008R0003	8	5/16"	10	52	*
BV20A038R0003		3/8"	10	52	*
BV20A010R0003	10		10	52	*
BV20AM12R0003	12		10	52	*
BV20A012R0003		1/2"	10	52	*
BV20B015R0003	15		14	52	*
BV20B016R0003	16	5/8"	14	52	*
BV20B018R0003	18		14	52	*
BV20B034R0003		3/4"	14	52	*
BV20C022R0003	22	7/8"	17	52	*
BV20D028R0003	28		22	52	*
BV20D118R0003		1-1/8"	22	52	*
BV20E035R0003	35	1-3/8"	26	52	*
BV20F158R0003		1-5/8"	38	52	*
BV20F042R0003	42		38	52	*



Valvole a sfera 2 vie senza Schrader predisposte per l'attuatore V-Port 60°

2 way ball valves fit for actuator without Schrader V-Port 60°

2 wege kugelventile geeignet für antrieb ohne Schrader V-Port 60°

Vanne à bille 2 voies sans Schrader prédisposées pour l'actionneur V-Port 60°

2 WAY BALL VALVE WITHOUT SCHRADER FIT FOR ACTUATOR V PORT 60°

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

BV20A006R0004	6		10	52	*
BV20A014R0004		1/4"	10	52	*
BV20A008R0004	8	5/16"	10	52	*
BV20A038R0004		3/8"	10	52	*
BV20A010R0004	10		10	52	*
BV20AM12R0004	12		10	52	*
BV20A012R0004		1/2"	10	52	*
BV20B015R0004	15		14	52	*
BV20B016R0004	16	5/8"	14	52	*
BV20B018R0004	18		14	52	*
BV20B034R0004		3/4"	14	52	*
BV20C022R0004	22	7/8"	17	52	*
BV20D028R0004	28		22	52	*
BV20D118R0004		1-1/8"	22	52	*
BV20E035R0004	35	1-3/8"	26	52	*
BV20F158R0004		1-5/8"	38	52	*
BV20F042R0004	42		38	52	*



Valvole a sfera 2 vie con Schrader predisposte per l'attuatore

2 way ball valves fit for actuator with Schrader

2 wege kugelventile geeignet für antrieb mit Schrader

Vanne à bille 2 voies avec Schrader prédisposées pour l'actionneur

2 WAY BALL VALVE WITH SCHRADER FIT FOR ACTUATOR

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

SV20A006R0001	6		10	52	1,1
SV20A014R0001		1/4"	10	52	1,1
SV20A008R0001	8	5/16"	10	52	3,4
SV20A038R0001		3/8"	10	52	3,5
SV20A010R0001	10		10	52	3,5
SV20AM12R0001	12		10	52	6,7
SV20A012R0001		1/2"	10	52	6,7
SV20B015R0001	15		15	52	14,4
SV20B016R0001	16	5/8"	15	52	14,8
SV20B018R0001	18		15	52	17
SV20B034R0001		3/4"	15	52	16,9
SV20C022R0001	22	7/8"	19	52	29,3
SV20D028R0001	28		23,5	52	54,8
SV20D118R0001		1-1/8"	23,5	52	55,1
SV20E035R0001	35	1-3/8"	32	52	114,7
SV20F158R0001		1-5/8"	40	52	156,2
SV20F042R0001	42		40	52	156,2
SV20G054R0001	54	2-1/8"	50	52	354,8
SV20G064R0001	64		50	45	125,7
SV20G258R0001		2-5/8"	50	45	118,8
SV20H064R0001	64		65	45	499,3
SV20H258R0001		2-5/8"	65	45	494
SV20H076R0001	76	3"	65	45	333,7
SV20H080R0001	80	3-1/8"	65	45	259,2
SV20L080R0001	80	3-1/8"	80	40	701
SV20L089R0001	89	3-1/2"	80	40	768,1
SV20L092R0001	92	3-5/8"	80	40	503,1
SV20L105R0001	105	4-1/8"	80	40	*
SV20L108R0001	108	4-1/4"	80	40	312,7



Valvole a sfera 2 vie con Schrader predisposte per l'attuatore V-Port 30°

2 way ball valves fit for actuator with Schrader V-Port 30°

2 wege kugelventile geeignet für antrieb mit Schrader V-Port 30°

Vanne à bille 2 voies avec Schrader prédisposées pour l'actionneur V-Port 30°

2 WAY BALL VALVE WITH SCHRADER FIT FOR ACTUATOR V PORT 30°

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40/ MAX +150

SV20A006R0003	6		10	52	*
SV20A014R0003		1/4"	10	52	*
SV20A008R0003	8	5/16"	10	52	*
SV20A038R0003		3/8"	10	52	*
SV20A010R0003	10		10	52	*
SV20AM12R0003	12		10	52	*
SV20A012R0003		1/2"	10	52	*
SV20B015R0003	15		14	52	*
SV20B016R0003	16	5/8"	14	52	*
SV20B018R0003	18		14	52	*
SV20B034R0003		3/4"	14	52	*
SV20C022R0003	22	7/8"	17	52	*
SV20D028R0003	28		22	52	*
SV20D118R0003		1-1/8"	22	52	*
SV20E035R0003	35	1-3/8"	26	52	*
SV20F158R0003		1-5/8"	38	52	*
SV20F042R0003	42		38	52	*



Valvole a sfera 2 vie con Schrader predisposte per l'attuatore V-Port 60°

2 way ball valves fit for actuator with Schrader V-Port 60°

2 wege kugelventile geeignet für antrieb mit Schrader V-Port 60°

Vanne à bille 2 voies avec Schrader prédisposées pour l'actionneur V-Port 60°

2 WAY BALL VALVE WITH SCHRADER FIT FOR ACTUATOR V PORT 60°

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

SV20A006R0004	6		10	52	*
SV20A014R0004		1/4"	10	52	*
SV20A008R0004	8	5/16"	10	52	*
SV20A038R0004		3/8"	10	52	*
SV20A010R0004	10		10	52	*
SV20AM12R0004	12		10	52	*
SV20A012R0004		1/2"	10	52	*
SV20B015R0004	15		14	52	*
SV20B016R0004	16	5/8"	14	52	*
SV20B018R0004	18		14	52	*
SV20B034R0004		3/4"	14	52	*
SV20C022R0004	22	7/8"	17	52	*
SV20D028R0004	28		22	52	*
SV20D118R0004		1-1/8"	22	52	*
SV20E035R0004	35	1-3/8"	26	52	*
SV20F158R0004		1-5/8"	38	52	*
SV20F042R0004	42		38	52	*



Valvole a sfera 3 vie senza Schrader predisposte per l'attuatore

3 way ball valves fit for actuator without Schrader

3 wege kugelventile geeignet für antrieb ohne Schrader

Vanne à bille 3 voies sans Schrader prédisposées pour l'actionneur

3 WAY BALL VALVE WITHOUT SCHRADER FIT FOR ACTUATOR

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m ³ /h

TEMPERATURE °C MIN -40 / MAX +150

BV30A006R0001	6		9	52	0,9
BV30A014R0001		1/4"	9	52	0,9
BV30A008R0001	8	5/16"	9	52	*
BV30A038R0001		3/8"	9	52	2,1
BV30A010R0001	10		9	52	2,1
BV30AM12R0001	12		9	52	2,2
BV30A012R0001		1/2"	9	52	2,2
BV30B015R0001	15		13	52	4,3
BV30B016R0001	16	5/8"	13	52	4,4
BV30B018R0001	18		13	52	4,3
BV30B034R0001		3/4"	13	52	4,3
BV30C022R0001	22	7/8"	17	52	7,2
BV30D028R0001	28		22	52	11,7
BV30D118R0001		1" 1/8	22	52	11,8
BV30E035R0001	35	1-3/8"	26	52	15,3
BV30F158R0001		1-5/8"	36	52	35,5
BV30F042R0001	42		36	52	36,1
BV30G054R0001	54	2-1/8"	46	52	55,1
BV30G064R0001	64		46	45	51,7
BV30G258R0001		2-5/8"	46	45	54,4
BV30H064R0009	64		60	45	93,3
BV30H258R0009		2-5/8"	60	45	94,2
BV30H076R0009	76	3"	60	45	96,9
BV30H080R0009	80	3-1/8"	60	45	99,2



Valvole a sfera 3 vie senza Schrader predisposte per l'attuatore V-Port 30°

3 way ball valves fit for actuator without Schrader V-Port 30°

3 wege kugelventile geeignet für antrieb ohne Schrader V-Port 30°

Vanne à bille 3 voies sans Schrader prédisposées pour l'actionneur V-Port 30°

3 WAY BALL VALVE WITHOUT SCHRADER FIT FOR ACTUATOR V PORT 30°

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

BV30A006R0003	6		9	52	*
BV30A014R0003		1/4"	9	52	*
BV30A008R0003	8	5/16"	9	52	*
BV30A038R0003		3/8"	9	52	*
BV30A010R0003	10		9	52	*
BV30AM12R0003	12		9	52	*
BV30A012R0003		1/2"	9	52	*
BV30B015R0003	15		14	52	*
BV30B016R0003	16	5/8"	14	52	*
BV30B018R0003	18		14	52	*
BV30B034R0003		3/4"	14	52	*
BV30C022R0003	22	7/8"	17	52	*
BV30D028R0003	28		22	52	*
BV30D118R0003		1-1/8"	22	52	*
BV30E035R0003	35	1-3/8"	26	52	*
BV30F158R0003		1-5/8"	36	52	*
BV30F042R0003	42		36	52	*
BV30G054R0003	54	2-1/8"	46	52	*
BV30G064R0003	64		46	45	*
BV30G258R0003		2-5/8"	46	45	*



Valvole a sfera 3 vie senza Schrader predisposte per l'attuatore V-Port 60°

3 way Ball valves fit for actuator without Schrader V-Port 60°

3 wege kugelventile geeignet für antrieb ohne Schrader V-Port 60°

Vanne à bille 3 voies sans Schrader prédisposées pour l'actionneur V-Port 60°

3 WAY BALL VALVE WITHOUT SCHRADER FIT FOR ACTUATOR V PORT 60°

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

BV30A006R0004	6		9	52	*
BV30A014R0004		1/4"	9	52	*
BV30A008R0004	8	5/16"	9	52	*
BV30A038R0004		3/8"	9	52	*
BV30A010R0004	10		9	52	*
BV30AM12R0004	12		9	52	*
BV30A012R0004		1/2"	9	52	*
BV30B015R0004	15		14	52	*
BV30B016R0004	16	5/8"	14	52	*
BV30B018R0004	18		14	52	*
BV30B034R0004		3/4"	14	52	*
BV30C022R0004	22	7/8"	17	52	*
BV30D028R0004	28		22	52	*
BV30D118R0004		1-1/8"	22	52	*
BV30E035R0004	35	1-3/8"	26	52	*
BV30F158R0004		1-5/8"	36	52	*
BV30F042R0004	42		36	52	*
BV30G054R0004	54	2-1/8"	46	52	*
BV30G064R0004	64		46	45	*
BV30G258R0004		2-5/8"	46	45	*



Valvole a sfera 3 vie con Schrader predisposte per l'attuatore

3 way ball valves fit for actuator with Schrader

3 wege kugelventile geeignet für antrieb mit Schrader

Vanne à bille 3 voies avec Schrader prédisposées pour l'actionneur

3 WAY BALL VALVE WITH SCHRADER FIT FOR ACTUATOR

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

SV30A006R0001	6		9	52	0,9
SV30A014R0001		1/4"	9	52	0,9
SV30A008R0001	8	5/16"	9	52	*
SV30A038R0001		3/8"	9	52	2,1
SV30A010R0001	10		9	52	2,1
SV30AM12R0001	12		9	52	2,2
SV30A012R0001		1/2"	9	52	2,2
SV30B015R0001	15		13	52	4,3
SV30B016R0001	16	5/8"	13	52	4,4
SV30B018R0001	18		13	52	4,3
SV30B034R0001		3/4"	13	52	4,3
SV30C022R0001	22	7/8"	17	52	7,2
SV30D028R0001	28		22	52	11,7
SV30D118R0001		1-1/8"	22	52	11,8
SV30E035R0001	35	1-3/8"	26	52	15,3
SV30F158R0001		1-5/8"	36	52	35,5
SV30F042R0001	42		36	52	36,1
SV30G054R0001	54	2-1/8"	46	52	55,1
SV30G064R0001	64		46	45	51,7
SV30G258R0001		2-5/8"	46	45	54,4
SV30H064R0009	64		60	45	93,3
SV30H258R0009		2-5/8"	60	45	94,2
SV30H076R0009	76	3"	60	45	96,9
SV30H080R0009	80	3-1/8"	60	45	99,2



Valvole a sfera 3 vie con Schrader predisposte per l'attuatore V-Port 30°

3 way ball valves fit for actuator with Schrader V-Port 30°

3 wege kugelventile geeignet für antrieb mit Schrader V-Port 30°

Vanne à bille 3 voies avec Schrader prédisposées pour l'actionneur V-Port 30°

3 WAY BALL VALVE WITH SCHRADER FIT FOR ACTUATOR V PORT 30°

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

SV30A006R0003	6		9	52	*
SV30A014R0003		1/4"	9	52	*
SV30A008R0003	8	5/16"	9	52	*
SV30A038R0003		3/8"	9	52	*
SV30A010R0003	10		9	52	*
SV30AM12R0003	12		9	52	*
SV30A012R0003		1/2"	9	52	*
SV30B015R0003	15		14	52	*
SV30B016R0003	16	5/8"	14	52	*
SV30B018R0003	18		14	52	*
SV30B034R0003		3/4"	14	52	*
SV30C022R0003	22	7/8"	17	52	*
SV30D028R0003	28		22	52	*
SV30D118R0003		1-1/8"	22	52	*
SV30E035R0003	35	1-3/8"	26	52	*
SV30F158R0003		1-5/8"	36	52	*
SV30F042R0003	42		36	52	*
SV30G054R0003	54	2-1/8"	46	52	*
SV30G064R0003	64		46	45	*
SV30G258R0003		2-5/8"	46	45	*



Valvole a sfera 3 vie con Schrader predisposte per l'attuatore V-Port 60°

3 way ball valves fit for actuator with Schrader V-Port 60°

3 wege kugelventile geeignet für antrieb mit Schrader V-Port 60°

Vanne à bille 3 voies avec Schrader prédisposées pour l'actionneur V-Port 60°

3 WAY BALL VALVE WITH SCHRADER FIT FOR ACTUATOR V PORT 60°

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

SV30A006R0004	6		9	52	*
SV30A014R0004		1/4"	9	52	*
SV30A008R0004	8	5/16"	9	52	*
SV30A038R0004		3/8"	9	52	*
SV30A010R0004	10		9	52	*
SV30AM12R0004	12		9	52	*
SV30A012R0004		1/2"	9	52	*
SV30B015R0004	15		14	52	*
SV30B016R0004	16	5/8"	14	52	*
SV30B018R0004	18		14	52	*
SV30B034R0004		3/4"	14	52	*
SV30C022R0004	22	7/8"	17	52	*
SV30D028R0004	28		22	52	*
SV30D118R0004		1-1/8"	22	52	*
SV30E035R0004	35	1-3/8"	26	52	*
SV30F158R0004		1-5/8"	36	52	*
SV30F042R0004	42		36	52	*
SV30G054R0004	54	2-1/8"	46	52	*
SV30G064R0004	64		46	45	*
SV30G258R0004		2-5/8"	46	45	*



**Valvole a sfera 4 vie senza Schrader
predisposte per l'attuatore**

**4 way ball valves fit for actuator
without Schrader**

**4 wege kugelventile geeignet für antrieb
ohne Schrader**

**Vanne à bille 4 voies sans Schrader
prédisposées pour l'actionneur**

4 WAY BALL VALVE WITHOUT SCHRADER FIT FOR ACTUATOR

CODE	CONNECTIONS		PS	KV
	ODS			
	mm	inches	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

BV40X022K0001	22	7/8"	52	*
BV40X028K0001	28		52	*
BV40X118K0001		1-1/8"	52	*



Valvole a sfera 2 vie con Schrader
con connessioni dritte

2 way ball valves with Schrader
with straight connections

2-Wege-Kugelhähne mit Schrader
mit geraden Anschlüssen

Vannes à boisseau sphérique 2 voies
avec Schrader avec raccords droits

2 WAY BALL VALVE WITH SCHRADER WITH STRAIGHT CONNECTIONS

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	STRAIGHT				
	mm	inches	Ø mm	bar	m ³ /h

TEMPERATURE °C MIN -40 / MAX +150

SV20A006R0200	6		10	52	*
SV20A014R0200		1/4"	10	52	0,8
SV20A038R0200		3/8"	10	52	2,8
SV20A010R0200	10		10	52	*
SV20AM12R0200	12		10	52	*
SV20A012R0200		1/2"	10	52	6
SV20B016R0200	16	5/8"	15	52	13,4
SV20B018R0200	18		15	52	*
SV20B034R0200		3/4"	15	52	16,5
SV20C022R0200	22	7/8"	19	52	26,6
SV20D028R0200	28		23,5	52	*
SV20D118R0200		1-1/8"	23,5	52	51,4
SV20E035R0200	35	1-3/8"	32	52	90,4



Valvole a sfera 2 vie ODS-SAE
senza Schrader

ODS-SAE 2 way ball valves
without Schrader

ODS-SAE 2 wege kugelventile
ohne Schrader

Vannes à bille 2 voies ODS-SAE
sans Schrader

HYBRID SERVICE VALVE					
CODE	CONNECTIONS			SPHERE PASSAGE	KV
	ODS		SAE		
	mm	inches	inches	Ø mm	m ³ /h
TEMPERATURE °C MIN -40 / MAX +15					
BV20Z006RS100	6		1/4"	8	0,9
BV20Z014RS100		1/4"	1/4"	8	0,9
BV20Z038RS100		3/8"	1/4"	8	*
BV20Z010RS100	10		1/4"	8	*
BV20ZM12RS100	12		1/4"	8	*
BV20Z012RS100		1/2"	1/4"	8	*
BV20A006RS100	6		1/4"	10	*
BV20A014RS100		1/4"	1/4"	10	*
BV20A038RS100		3/8"	1/4"	10	*
BV20A010RS100	10		1/4"	10	*
BV20AM12RS100	12		1/4"	10	*
BV20A012RS100		1/2"	1/4"	10	*
BV20A006RS200	6		3/8"	10	*
BV20A014RS200		1/4"	3/8"	10	*
BV20A038RS200		3/8"	3/8"	10	*
BV20A010RS200	10		3/8"	10	*
BV20AM12RS200	12		3/8"	10	*
BV20A012RS200		1/2"	3/8"	10	*



Valvole a sfera 2 vie ODS-SAE
con Schrader

ODS-SAE 2 way ball valves
with Schrader

ODS-SAE 2 wege kugelventile
mit Schrader

Vannes à bille 2 voies ODS-SAE
avec Schrader

HYBRID SERVICE VALVE					
CODE	CONNECTIONS			SPHERE PASSAGE	KV
	ODS		SAE		
	mm	inches	inches	Ø mm	m ³ /h
TEMPERATURE °C MIN -40 / MAX +150					
SV20A006RS100	6		1/4"	10	0,8
SV20A014RS100		1/4"	1/4"	10	0,8
SV20A038RS100		3/8"	3/8"	10	1,3
SV20A010RS100	10		1/4"	10	*
SV20AM12RS100	12		1/4"	10	1,4
SV20A012RS100		1/2"	1/4"	10	*
SV20A006RS200	6		3/8"	10	*
SV20A014RS200		1/4"	3/8"	10	1
SV20A038RS200		3/8"	3/8"	10	4,1
SV20A010RS200	10		3/8"	10	*
SV20AM12RS200	12		3/8"	10	*
SV20A012RS200		1/2"	3/8"	10	2,6



**Valvole 2 vie SAE
senza Schrader**

**2 way ball valves SAE
without Schrader**

**2 wege kugelventile SAE
ohne Schrader**

**Vannes 2 voies SAE
sans Schrader**

HYBRID SERVICE VALVE				
CODE	CONNECTIONS		SPHERE PASSAGE	KV
	SAE			
	inches	inches	Ø mm	m ³ /h
TEMPERATURE °C MIN -40 / MAX +150				
BV20Z038S2000	3/8"	3/8"	8	*
BV20Z012S3000	1/2"	1/2"	8	*
BV20A014S1000	1/4"	1/4"	10	0,6
BV20A038S2000	3/8"	3/8"	10	4,6
BV20A012S3000	1/2"	1/2"	10	*



HYBRID SERVICE VALVE

CODE	CONNECTIONS		SPHERE PASSAGE	KV
	SAE			
	inches	inches	Ø mm	m³/h

TEMPERATURE °C MIN -40 / MAX +15

SV20A014S1000	1/4"	1/4"	10	*
SV20A038S2000	3/8"	3/8"	10	4,6
SV20A012S3000	1/2"	1/2"	10	*



**Valvole 2 vie SAE
con Schrader**

**2 way ball valves SAE
with Schrader**

**2 wege kugelventile SAE
mit Schrader**

**Vannes 2 voies SAE
avec Schrader**



Valvole a sfera 2 vie con Schrader
per Compressore Turbocor™

2 way Ball Valve for Turbocor™
Compressor with Schrader

2 wege kugelventile mit Schrader
für Turbocor™ Verdichter

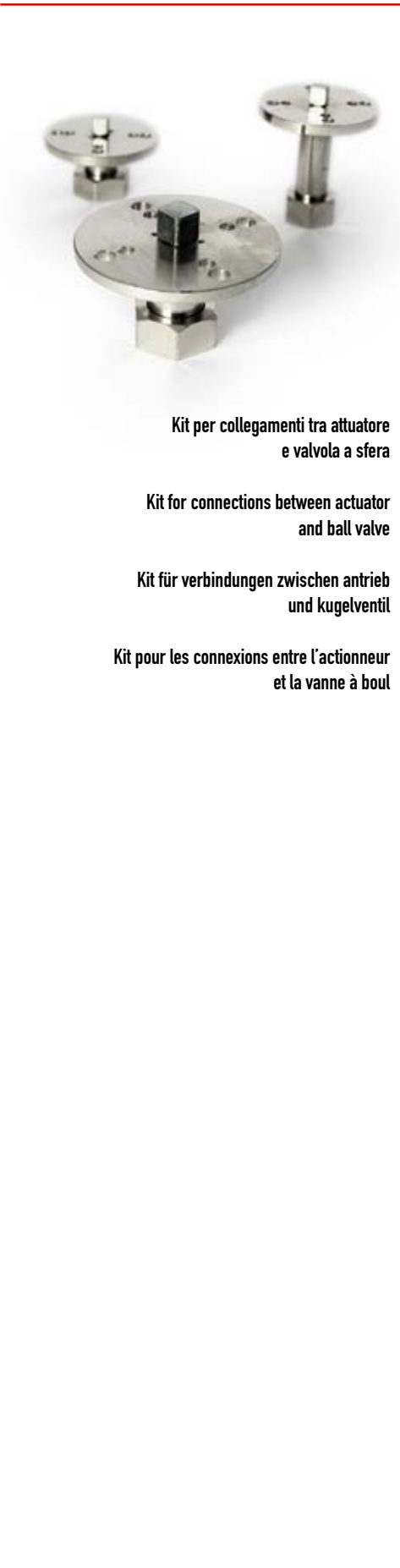
Vannes à 2 voies avec Schrader
pour compresseur Turbocor™

2 WAY BALL VALVE WITH SCHRADER FOR TURBOCOR® COMPRESSOR

CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	ODS				
	mm	inches	Ø mm	bar	m³/h

TEMPERATURE °C MIN -40 / MAX +150

SV20L080R0F00	80	3-1/8"	80	40	393,8
SV20L089R0F00	89	3-1/2"	80	40	396,1
SV20L092R0F00	92	3-5/8"	80	40	*
SV20L105R0F00	105		80	40	*
SV20L108R0F00	108	4-1/4"	80	40	239,1



Kit per collegamenti tra attuatore e valvola a sfera

Kit for connections between actuator and ball valve

Kit für verbindungen zwischen antrieb und kugelventil

Kit pour les connexions entre l'actionneur et la vanne à boul

CONNECTION KIT			
CODE	TYPE	SQUARE	FLANGE TYPE
		mm	
KAB09F350401	A-B	9	F03 / F05
KAB14F350401	A-B	14	F03 / F05
KCD09F350401	C-D-J-K	9	F03 / F05
KCD14F350401	C-D-J-K	14	F03 / F05
KEG14F570401	E-G-W-Y	14	F05 / F07
K0F14F570401	F	14	F05 / F07
K0F17F570401	F	17	F05 / F07
KHL14F570400	H-L-M-Q	14	F05 / F07
KHL14F570402	H-L-M-Q (3 WAY)	14	F05 / F07
KHL17F570400	H-L-M-Q	17	F05 / F07
KHL17F570402	H-L-M-Q (3 WAY)	17	F05 / F07
KEG14F570403	X (4 WAY)	14	F05 / F07



ELECTRIC ACTUATOR ON/OFF

CODE	TORQUE	NOMINAL VOLTAGE	RUNNING TIME	DEGREE OF PROTECTION	INTERNAL PIN CODE
	Nm	V	S	IP	

BELIMO

EASR230A-R-RFG	20	230V	90(S)	IP54	1
EASR24A-R	20	24V	90(S)	IP54	1
EAGR230A-R-RFG	40	230V	150(S)	IP54	2
EAGR24A-R	40	24V	150(S)	IP54	2
EAPRCA-S2-T-RFG	160	24-230V	30-120(S)	IP66	3

CODE	INTERNAL PIN CODE	DESCRIPTION
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BELIMO INTERNAL PIN CODE

EASV-09	1	Internal Pin 9 x 9
EAGV-14REF	2	Internal Pin 14 x 14
EAPR02	3	Internal Pin 17 x 17





Attuatori ON/OFF

Electric Actuator ON/OFF

Elektroantrieb AUF/ZU

Actionneurs ON/OFF

ELECTRIC ACTUATOR ON/OFF

CODE	TORQUE	NOMINAL VOLTAGE	RUNNING TIME	DEGREE OF PROTECTION
	Nm	V	S	IP

END ARMATUREN

EANA034100	30	230V	12(S)	IP67
EANA052100	50	24V	8/14(S)	IP67
EANA054100	50	230V	14(S)	IP67
EANA058100	50	230V	14(S)	IP67
EANA092100	90	24V	17(S)	IP67
EANA094100	90	230V	17(S)	IP67
EANA154100	150	230V	20(S)	IP67



Attuatori ON/OFF

Electric Actuator ON/OFF

Elektroantrieb AUF/ZU

Actionneurs ON/OFF

ELECTRIC ACTUATOR ON/OFF

CODE	TORQUE	NOMINAL VOLTAGE	RUNNING TIME	DEGREE OF PROTECTION
	Nm	V	S	IP

JOHNSON CONTROLS

EAJ020230	20	230V	60(S)	IP65
EAJ100024	20	24V	60(S)	IP65
EAJ100230	100	230V	150(S)	IP65
EAJ100024	100	24V	150(S)	IP65



Attuatori Modulanti

Modulating Electric Actuator

Elektroantrieb mit Stellungsregler

Actionneurs Modulants

ELECTRIC ACTUATOR MODULATING

CODE	TORQUE	NOMINAL VOLTAGE	RUNNING TIME	DEGREE OF PROTECTION	INTERNAL PIN CODE
	Nm	V	S	IP	

BELIMO

EASR24A-MP-R	20	24V	90(S)	IP54	1
EAGR24A-MP-R	40	24V	150(S)	IP54	2
EAPRCA-BACS2-T-RF	160	2-10V	35(S)	IP66	3

CODE	INTERNAL PIN CODE	DESCRIPTION
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INTERNAL PIN CODE

EASV-09	1	Internal Pin 9 x 9
EAGV-14REF	2	Internal Pin 14 x 14
EAPR02	3	Internal Pin 17 x 17





Attuatori Modulanti

Modulating Electric Actuator

Elektroantrieb mit Stellungsregler

Actionneurs Modulants

ELECTRIC ACTUATOR MODULATING

CODE	TORQUE	NOMINAL VOLTAGE	RUNNING TIME	DEGREE OF PROTECTION
	Nm	V	S	IP

END ARMATUREN

EANA054100M	50	230V	14(S)	IP67
EANA054100M210	50	230V	14(S)	IP67
EANA092100M	90	24V	17(S)	IP67
EANA094100M	90	230V	17(S)	IP67
EANA154100M	150	230V	20(S)	IP67

ELECTRIC ACTUATOR MODULATING

CODE	TORQUE	NOMINAL VOLTAGE	RUNNING TIME	DEGREE OF PROTECTION
	Nm	V	S	IP

JOHNSON CONTROLS

EAJ020024M	20	0-10V	60(S)	IP65
EAJ100024M	100	0-10V	150(S)	IP65



Attuatori Modulanti

Modulating Electric Actuator

Elektroantrieb mit Stellungsregler

Actionneurs Modulants



ELECTRIC ACTUATOR WITH EMERGENCY FUCTION

CODE	TORQUE	NOMINAL VOLTAGE	RUNNING TIME	DEGREE OF PROTECTION	INTERNAL PIN CODE
	Nm	V	S	IP	

BELIMO

EASRFA-S2-R	20	24V/230V	75(S)	IP54	1
EAGRK24AX	40	24V	150(S)	IP54	2
EAPRKCA-BAC-S2-T	160	24-240V	30-120(S)	IP66	3



Attuatori con funzione di emergenza
Electric Actuator with emergency function
Elektroantrieb mit notfunktion
Actionneurs avec fonction d'urgence

CODE	INTERNAL PIN CODE	DESCRIPTION
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BELIMO INTERNAL PIN CODE

EAZSFV-09	1	Internal Pin 9 x 9
EAZGV-14REF	2	Internal Pin 14 x 14
EAZPR02	3	Internal Pin 17 x 17



EXTERNAL AUXILIARY CONTACT

CODE	N° OF SWITCHES	CABLE
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BELIMO

EAS2A-GR	2 x SPDT	1m, 6 x 0,75mm ²
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Contatto ausiliario esterno
External auxiliary contact
Zusatzaußenkontakt
Contact auxiliaire externe

MOTOR KIT SELECTION CHART

BODY VALVE TYPE		KIT CODE	q (mm)	FLANGE TYPE	ACTUATOR ON/OFF			ACTUATOR WITH MODULATING FUNCTION				
					BELIMO	JOHNSON CONTROLS	END-ARMATUREN	BELIMO	JOHNSON CONTROLS	END-ARMATUREN		
A, B	KAB09F350401	9	F03 / F05	230V	24V	24V	230V	24V	24V (0-10V)	230V	24V	
				EASR230A-RFG 20Nm 90Sec.	EASR24A-R	EASR24A-R-R	EASR24A-R-R	EASR24A-R-R	EASR24A-R-R	EASR24A-R-R	EASR24A-R-R	EASR24A-R-R
				EASV-09 Internal pin 9/9	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09
				EAGR230A-R-FRG 40Nm 150 Sec.	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R
C, D, J, K	KCD09F350401	9	F03 / F05	230V	24V	24V	230V	24V	24V (0-10V)	230V	24V	
				EASR230A-RFG 20Nm 90Sec.	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	
				EASV-09 Internal pin 9/9	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	
				EAGR230A-R-FRG 40Nm 150 Sec.	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	
E, G, W, Y	KEG14F570401	14	F05 / F07	230V	24V	24V	230V	24V	24V (0-10V)	230V	24V	
				EASR230A-RFG 40Nm 150 Sec.	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	
				EASV-09 Internal pin 14x1,4	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	
				EAGR230A-R-FRG 40Nm 150 Sec.	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	
F	KOF14F570401	14	F05 / F07	230V	24V	24V	230V	24V	24V (0-10V)	230V	24V	
				EASR230A-RFG 40Nm 150 Sec.	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	
				EASV-09 Internal pin 14x1,4	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	
				EAGR230A-R-FRG 40Nm 150 Sec.	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	
H, L, M, Q	KHL14F570400	14	F05 / F07	230V	24V	24V	230V	24V	24V (0-10V)	230V	24V	
				EASR230A-RFG 40Nm 150 Sec.	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	
				EASV-09 Internal pin 14x1,4	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	
				EAGR230A-R-FRG 40Nm 150 Sec.	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	
2 WAY	KHL17F570400	17	F05 / F07	230V	24V	24V	230V	24V	24V (0-10V)	230V	24V	
				EAPRCA-S2-FRG 160Nm 35 Sec.	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	
				EAPR02 Internal pin 17x17	EAPR02	EAPR02	EAPR02	EAPR02	EAPR02	EAPR02	EAPR02	
				EAPRCA-S2-FRG 160Nm 35 Sec.	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	
H, L, M, Q	KHL14F570402	14	F05 / F07	230V	24V	24V	230V	24V	24V (0-10V)	230V	24V	
				EASR230A-RFG 20Nm 90Sec.	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	
				EASV-09 Internal pin 9/9	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	
				EAGR230A-R-FRG 40Nm 150 Sec.	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	
3WAY	KHL17F570402	17	F05 / F07	230V	24V	24V	230V	24V	24V (0-10V)	230V	24V	
				EAPRCA-S2-FRG 160Nm 35 Sec.	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	
				EAPR02 Internal pin 17x17	EAPR02	EAPR02	EAPR02	EAPR02	EAPR02	EAPR02	EAPR02	
				EAPRCA-S2-FRG 160Nm 35 Sec.	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	EAPRCA-S2-FRG	
X 4 WAY 22mm - 28mm - 1-1/8"	KEG14F570403	14	F05 / F07	230V	24V	24V	230V	24V	24V (0-10V)	230V	24V	
				EASR230A-RFG 20Nm 90Sec.	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	EASR24A-R	
				EASV-09 Internal pin 9/9	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	EASV-09	
				EAGR230A-R-FRG 40Nm 150 Sec.	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	EAGR24A-R	

TYPE: identifies the valve body. The corresponding letter can be found inside the valve product code: for example for two ways valve 12 mm SV21 AM12R0001 (fifth position from left).

KIT CODE: refers to the KIT to be mounted on the valve to connect the actuator.

This is a selection chart to facilitate a proper valve, kit and motor matching. A complete motorized valve unit consists of: VALVE + KIT + ACTUATOR (only for Belimo engines an additional motor internal pin is required). NOTE: Connection kit is never included and must be ordered separately.

All motors technical data shown on this chart are for general information purposes only and may vary without any further notice. Current technical specifications are available on request.

Motor IP code	IP54	Motors EAPRCA-S2-FRG and EAPRCA-BACS2-FRG are IP66
BELIMO:	IP65	All
JOHNSON CONTROLS:	IP67	All
END-ARMATUREN:		



CHECK VALVE WITH STANDARD SPRING

CODE	CONNECTIONS		PS	KV
	ODS			
	mm	inches	bar	m ³ /h

TEMPERATURE °C MIN -40 / MAX +150

CVN0006R0000	6		52	*
CVN0014R0000		1/4"	52	*
CVN0008R0000	8	5/16"	52	*
CVN0038R0000		3/8"	52	*
CVN0010R0000	10		52	*
CVN0M12R0000	12		60	*
CVN0012R0000		1/2"	52	*
CVN0015R0000	15		52	*
CVN0016R0000	16	5/8"	52	*
CVN0018R0000	18		52	*
CVN0034R0000		3/4"	52	*
CVN0022R0000	22	7/8"	52	*
CVN0028R0000	28		52	*
CVN0118R0000		1-1/8"	52	*
CVN0035R0000	35	1-3/8"	52	*
CVN0158R0000		1-5/8"	52	*
CVN0042R0000	42		52	*
CVN0054R0000	54	2-1/8"	52	*
CVN0064R0000	64		45	*
CVN0064R0001	64		45	*
CVN0258R0000		2-5/8"	45	*
CVN0258R0001		2-5/8"	45	*
CVN0076R0000	76	3"	45	*
CVN0080R0000	80	3-1/8"	45	*

STANDARD SPRING MINIMUM OPENING PRESSURE DIFFERENTIAL =0,1 bar



Valvole di ritegno con molla Standard

Check valves with Standard spring

Rückschlagventile mit Standardfeder

Vannes d'étanchéité avec ressort Standard



Valvole di ritegno con molla Rinforzata

Check valves with Reinforced spring

Rückschlagventile mit Verstärkter feder

Vannes d'étanchéité avec ressort Renforcé

CHECK VALVE WITH REINFORCED SPRING

CODE	CONNECTIONS		PS	KV
	ODS			
	mm	inches	bar	m ³ /h

TEMPERATURE °C MIN -40 / MAX +150

CVR0006R0000	6		52	*
CVR0014R0000		1/4"	52	*
CVR0008R0000	8	5/16"	52	*
CVR0038R0000		3/8"	52	*
CVR0010R0000	10		52	*
CVR0M12R0000	12		52	*
CVR0012R0000		1/2"	52	*
CVR0015R0000	15		52	*
CVR0016R0000	16	5/8"	52	*
CVR0018R0000	18		52	*
CVR0034R0000		3/4"	52	*
CVR0022R0000	22	7/8"	52	*
CVR0028R0000	28		52	*
CVR0118R0000		1-1/8"	52	*
CVR0035R0000	35	1-3/8"	52	*
CVR0158R0000		1-5/8"	52	*
CVR0042R0000	42		52	*
CVR0054R0000	54	2-1/8"	52	*
CVR0064R0000	64		45	*
CVR0064R0001	64		45	*
CVR0258R0000		2-5/8"	45	*
CVR0258R0001		2-5/8"	45	*
CVR0076R0000	76	3"	45	*
CVR0080R0000	80	3-1/8"	45	*

STANDARD SPRING MINIMUM OPENING PRESSURE DIFFERENTIAL =0,3 bar



Indicatori di umidità con connessioni
in rame

Moisture indicators with copper braze
connections

Feuchtigkeitsanzeiger mit Lötverbindungen
auf Kupfer

Indicateurs d'humidité avec connexions
à souder

SIGHT GLASSES WITH COPPER BRAZE CONNECTIONS

CODE	CONNECTIONS		PS
	ODS		
	mm	inches	bar

TEMPERATURE °C MIN -35 / MAX +110

SG0006R00	6		45
SG0014R00		1/4"	45
SG0038R00		3/8"	45
SG0010R00	10		45
SG0M12R00	12		45
SG0012R00		1/2"	45
SG0016R00	16	5/8"	45
SG0018R00	18		45
SG0034R00		3/4"	45
SG0022R00	22	7/8"	45
SG0028R00	28		45
SG0118R00		1-1/8"	45



Indicatori di umidità con connessioni
SAE-Maschio/SAE-Maschio

Moisture indicators
with SAE-Male/SAE- Male connections

Feuchteindikatoren
mit SAE-Male/SAE- Male Anschlüssen

Indicateurs d'humidité a
vec connexions SAE-Homme/SAE-Homme

SIGHT GLASSES WITH SAE CONNECTIONS

CODE	CONNECTIONS		PS
	SAE MALE		
	inches	inches	bar

TEMPERATURE °C MIN -35 / MAX +110

SG0014SMM	1/4"	1/4"	45
SG0038SMM	3/8"	3/8"	45
SG0012SMM	1/2"	1/2"	45
SG0016SMM	5/8"	5/8"	45



Indicatori di umidità con connessioni
SAE-Maschio/SAE-Femmina

Moisture indicators
with SAE-Male/SAE- Female connections

Feuchteindikatoren
mit SAE-Male/SAE- Female Anschlüssen

Indicateurs d'humidité
avec connexions SAE-Homme/SAE-Femme

CODE	CONNECTIONS		PS
	SAE MALE	SAE FEMALE	
	inches	inches	bar

TEMPERATURE °C MIN -35 / MAX +110

SG0014SMF	1/4"	1/4"	45
SG0038SMF	3/8"	3/8"	45



Filtri disidratatori a cartuccia solida 80%
Setaccio molecolare - 20% Allumina

Dehydrator filters with solid core 80% Molecular
sieve - 20% Alumina

Filtertrockner mit Feststoffeinsatz 80%
Molekularsieb - 20% Tonerde

Filtres déshydratants à cartouche solide 80%
Filtre moléculaire - 20% Alumine

FILTER DRIERS ODS WITH SOLID CORE

CODE	CONNECTIONS		NOMINAL VOLUME
	ODS		
	mm	inches	cm ³
PRESSURE 45 BAR			
FD00005201006	6		83
FD00005201014		1/4"	83
FD00005301038		3/8"	83
FD00005301010	10		83
FD00008201006	6		125
FD00008201014		1/4"	125
FD00008301038		3/8"	210
FD00008301010	10		210
FD00008401M12	12		230
FD00008401012		1/2"	230
FD00016201006	6		265
FD00016201014		1/4"	265
FD00016301038		3/8"	265
FD00016301010	10		265
FD00016401M12	12		265
FD00016401012		1/2"	265
FD00016501016	16	5/8"	430
FD00030301038		3/8"	750
FD00030301010	10		750
FD00030401M12	12		750
FD00030401012		1/2"	750
FD00030501016	16	5/8"	750
FD00030601034		3/4"	750



Filtri disidratatori a cartuccia solida 80%
Setaccio molecolare - 20% Allumina

Dehydrator filters with solid core 80% Molecular
sieve - 20% Alumina

Filtertrockner mit Feststoffeinsatz 80%
Molekularsieb - 20% Tonerde

Filtres déshydratants à cartouche solide 80%
Filtre moléculaire - 20% Alumine

FILTER DRIERS SAE WITH SOLID CORE

CODE	CONNECTIONS		NOMINAL VOLUME
	SAE		
	inches	inches	cm ³
PRESSURE 45 BAR			
FD00005202014	1/4"	1/4"	83
FD00005302038	3/8"	3/8"	83
FD00008202014	1/4"	1/4"	125
FD00008302038	3/8"	3/8"	210
FD00008402012	1/2"	1/2"	230
FD00016202014	1/4"	1/4"	265
FD00016302038	3/8"	3/8"	265
FD00016402012	1/2"	1/2"	265
FD00016502016	5/8"	5/8"	430
FD00030302038	3/8"	3/8"	750
FD00030402012	1/2"	1/2"	750
FD00030502016	5/8"	5/8"	750
FD00030602034	3/4"	3/4"	750



**Filtri disidratatori ricaricabili
a cartuccia solida**

Filter driers with replaceable core

Filtertrockner mit ersetzbarem Einsatz

**Filtres déshydratants rechargeables
à cartouche solide**

FILTER DRIERS WITH REPLACEABLE CORE

CODE	CONNECTIONS		NOMINAL VOLUME
	ODS	CORE	
	inches		cm ³
PRESSURE 45 BAR			
FD01004801016	5/8"	1	800 (48 in ³)
FD01004801022	7/8"	1	800 (48 in ³)
FD01004801118	1-1/8"	1	800 (48 in ³)
FD01004801035	1-3/8"	1	800 (48 in ³)
FD01004801158	1-5/8"	1	800 (48 in ³)
FD01004801054	2-1/8"	1	800 (48 in ³)
FD01009601022	7/8"	2	1600 (96 in ³)
FD01009601118	1-1/8"	2	1600 (96 in ³)
FD01009601035	1-3/8"	2	1600 (96 in ³)
FD01009601158	1-5/8"	2	1600 (96 in ³)
FD01009601054	2-1/8"	2	1600 (96 in ³)
FD01014401035	1-3/8"	3	2400 (144 in ³)
FD01014401158	1-5/8"	3	2400 (144 in ³)
FD01014401054	2-1/8"	3	2400 (144 in ³)



Cartucce per filtri

Solid Core

Feststoffeinsatz

Cartouches pour Filtres

SOLID CORE	
CODE	DESCRIPTION
FD01004800A01	75% MOLECULAR SIEVES + 25% ALUMINA
FD01004800A02	100% MOLECULAR SIEVES
FD01004800A03	75% MOLECULAR SIEVES + 20% ALUMINA + 5% COAL
FD01004800A04	FILTER DRIER WITH MECHANICAL FILTER



Valvole Rotalock in ottone
Brass Rotalock valves
Rotalock-Ventile aus Messing
Vannes Rotalock en laiton

ROTALOCK VALVE BRASS TYPE			
CODE	CONNECTIONS		
	ODS		NUT
	mm	inches	
RV310022006	6		1"
RV310022014		1/4"	1"
RV310022038		3/8"	1"
RV310022010	10		1"
RV310022M12	12		1"
RV310022012		1/2"	1"
RV310022016	16	5/8"	1"
RV310022018	18		1"
RV310022034		3/4"	1"
RV310022022	22	7/8"	1"
RV311422038		3/8"	1-1/4"
RV311422010	10		1-1/4"
RV311422M12	12		1-1/4"
RV311422012		1/2"	1-1/4"
RV311422016	16	5/8"	1-1/4"
RV311422018	18		1-1/4"
RV311422034		3/4"	1-1/4"
RV311430018	18		1-1/4"
RV311430034		3/4"	1-1/4"
RV311430022	22	7/8"	1-1/4"
RV311430028	28		1-1/4"
RV311430118		1-1/8"	1-1/4"
RV313430018	18		1-3/4"
RV313430034		3/4"	1-3/4"
RV313430022	22	7/8"	1-3/4"
RV313430028	28		1-3/4"
RV313430118		1-1/8"	1-3/4"
RV313436028	28		1-3/4"
RV313436118		1-1/8"	1-3/4"
RV313436035	35	1-3/8"	1-3/4"
RV313436158		1-5/8"	1-3/4"
RV313436042	42		1-3/4"
RV321450035	35	1-3/8"	2-1/4"
RV321450042	42		2-1/4"
RV321450158		1-5/8"	2-1/4"
RV321450054	54	2-1/8"	2-1/4"



Attacco dritto Rotalock
Rotalock straight adapter
Rotalock gerade adapter
Raccord droit Rotalock

STRAIGHT ROTALOCK ADPTERS			
CODE	CONNECTIONS		
	ODS		NUT
	mm	inches	
RA31000038		3/8"	1"
RA31000010	10		1"
RA310000M12	12		1"
RA31000012		1/2"	1"
RA31000016	16	5/8"	1"
RA31000018	18		1"
RA31000034		3/4"	1"
RA31000022	22	7/8"	1"
RA311400016	16	5/8"	1-1/4"
RA311400018	18		1-1/4"
RA311400034		3/4"	1-1/4"
RA311400022	22	7/8"	1-1/4"
RA311400028	28		1-1/4"
RA311400118		1-1/8"	1-1/4"
RA313400022	22	7/8"	1-3/4"
RA313400028	28		1-3/4"
RA313400118		1-1/8"	1-3/4"
RA313400035	35	1-3/8"	1-3/4"
RA313400158		1-5/8"	1-3/4"
RA313400042	42		1-3/4"
RA323400158		1-5/8"	2-1/4"
RA323400042	42		2-1/4"
RA323400054	54	2-1/8"	2-1/4"



Attacco ad angolo Rotalock

Rotalock angle adapter

Rotalock Winkeladapter

Raccord à angle Rotalock

ANGLE ROTALOCK ADAPTER			
CODE	CONNECTIONS		
	ODS		NUT
	mm	inches	
AA310022038		3/8"	1"
AA310022010	10		1"
AA310022M12	12		1"
AA310022012		1/2"	1"
AA310022016	16	5/8"	1"
AA310022018	18		1"
AA310022034		3/4"	1"
AA310022022	22	7/8"	1"
AA311422016	16	5/8"	1-1/4"
AA311430018	18		1-1/4"
AA311430034		3/4"	1-1/4"
AA311430022	22	7/8"	1-1/4"
AA311430028	28		1-1/4"
AA311430118		1-1/8"	1-1/4"
AA313436028	28		1-3/4"
AA313436118		1-1/8"	1-3/4"
AA313436035	35	1-3/8"	1-3/4"
AA313436042	42		1-3/4"
AA313436158		1-5/8"	1-3/4"
AA323450035	35	1-3/8"	2-1/4"
AA323450158		1-5/8"	2-1/4"
AA323450042	42		2-1/4"
AA323450054	54	2-1/8"	2-1/4"



Adattatori Rotalock maschi in ottone

Male brass Rotalock adapters

Rotalock Messingadapter

Adaptateurs Rotalock mâles en laiton

BRASS ROTALOCK ADAPTERS MALE			
CODE	CONNECTIONS		
	ODS		NUT
	mm	inches	
MA010027M12	12		1"
MA010027016	16	5/8"	1"
MA011432022	22	7/8"	1-1/4"
MA011432028	28		1-1/4"
MA013446035	35	1-3/8"	1-3/4"
MA023460042	42		2-1/4"



Vallvole ad angolo in ottone

Brass angle valves

Winkelventil aus messing

Vannes à angle en laiton

ANGLE VALVE BRASS TYPE		
CODE	CONNECTIONS	
	ODS	
	mm	inches
AV300022038		3/8"
AV300022010	10	
AV300022M12	12	
AV300022012		1/2"
AV300022016	16	5/8"
AV300030018	18	
AV300030034		3/4"
AV300030022	22	7/8"
AV300030028	28	
AV300030118		1-1/8"
AV300036035	35	1-3/8"
AV300036158		1-5/8"
AV300036042	42	
AV300040158		1-5/8"
AV300040042	42	
AV300050158		1-5/8"
AV300050042	42	
AV300050054	54	2-1/8"
AV300065054	54	2-1/8"



Valvola di scambio a 3 vie in ottone

3 way brass Changeover valve

3-Wege-Messing-Wechselventil

Vanne d'échange en laiton à 3 voies

3 WAY CHANGEOVER VALVE					
CODE	CONNECTIONS			PS	KV
	NPT F	NPT M	NPT F		
	OUT	IN	OUT	bar	m³/h
TEMPERATURE °C MIN -40 / MAX +150					
DB0012N0000	1/2"	1/2"	1/2"	52	4,8



Valvola di scambio a 3 vie in acciaio inox

3 way stainless steel Changeover valve

3-Wege-Austauschventil aus Edelstahl

Vanne d'échange en acier inoxydable à 3 voies

CODE	CONNECTIONS			PS	KV
	NPT F	NPT M	NPT F		
	OUT	IN	OUT	bar	m³/h
TEMPERATURE °C MIN -40 / MAX +150					
DX1012N0000	1/2"	1/2"	1/2"	130	5,7
DX1034N0000	3/4"	3/4"	3/4"	130	8,7
DX1100N0000	1"	1"	1"	130	13,9
DX1114N0000	1-1/4"	1-1/4"	1-1/4"	130	23,2



Valvole di sicurezza senza attacco di scarico

Safety valves without gas outlet

Sicherheitsventile ohne gasablaufanschluss

Vannes de sécurité sans raccord de décharge

SAFETY VALVE				
CODE	CONNECTIONS		KD	ORIFICE
	NPT INLET	GAS OUTLET		mm
	inches	inches		

FOR PRESSURE RANGE 0 - 60 bar

SF140007XXXX00	1/4"	NO	0,81	7
SF380007XXXX00	3/8"	NO	0,81	7
SF380010XXXX00	3/8"	NO	0,77	10
SF120010XXXX00	1/2"	NO	0,77	10



Valvole di sicurezza con attacco di scarico

Safety valves with gas outlet

Sicherheitsventile mit gasablaufanschluss

Vannes de sécurité avec raccord de décharge

CODE	CONNECTIONS		KD	ORIFICE
	NPT INLET	GAS OUTLET		mm
	inches	inches		

FOR PRESSURE RANGE 0 - 60 bar

SF141207XXXX00	1/4"	1/2"	0,85	7
SF381207XXXX00	3/8"	1/2"	0,85	7
SF383410XXXX00	3/8"	3/4"	0,77*	10
SF123410XXXX00	1/2"	3/4"	0,77*	10
SF120114XXXX00	1/2"	1"	0,77*	14
SF340114XXXX00	3/4"	1"	0,77*	14
SF010114XXXX00	1"	1"	0,77*	14
SF011120XXXX00	1"	1-1/4"	0,83	20
SF111120XXXX00	1-1/4"	1-1/4"	0,83	20
SF111725XXXX00	1-1/4"	1-1/4"	0,78	25
SF171725XXXX00	1-1/2"	1-1/2"	0,78	25

* If the Pressure is more than 3 Bar, KD=0,86



Valvole di sicurezza senza attacco di scarico

Safety valves without gas outlet

Sicherheitsventile ohne gasablaufanschluss

Vannes de sécurité sans raccord de décharge

SAFETY VALVE				
CODE	CONNECTIONS		KD	ORIFICE
	NPT INLET	GAS OUTLET		mm
	inches	inches		

FOR PRESSURE RANGE 61 - 100 bar

SF120010XXXX00	1/2"	NO	0,85	10
SF340010XXXX00	3/4"	NO	0,85	10
SF340014XXXX00	3/4"	NO	0,89	14
SF010014XXXX00	1"	NO	0,89	14



Valvole di sicurezza con attacco di scarico

Safety valves with gas outlet

Sicherheitsventile mit gasablaufanschluss

Vannes de sécurité avec raccord de décharge

CODE	CONNECTIONS		KD	ORIFICE
	NPT INLET	GAS OUTLET		mm
	inches	inches		

FOR PRESSURE RANGE 61 - 100 bar

SF120110XXXX00	1/2"	1"	0,86	10
SF340110XXXX00	3/4"	1"	0,86	10
SF341114XXXX00	3/4"	1-1/4"	0,86	14
SF011114XXXX00	1"	1-1/4"	0,86	14



**Valvole di sicurezza
con attacco di scarico**

**Safety valves
with gas outlet**

**Sicherheitsventile
mit gasablaufanschluss**

**Vannes de sécurité
avec raccord de décharge**

SAFETY VALVE				
CODE	CONNECTIONS		KD	ORIFICE
	NPT INLET	GAS OUTLET		mm
	inches	inches		

FOR PRESSURE RANGE 101 - 150 bar

SF121110XXXX00	1/2"	1-1/4"	0,86	10
SF341110XXXX00	3/4"	1-1/4"	0,86	10
SF011110XXXX00	1"	1-1/4"	0,86	10
SF011714XXXX00	1"	1-1/2"	0,86	14
SF111714XXXX00	1-1/4"	1-1/2"	0,86	14



**Valvole 2 vie piombate
con connessioni NPT-maschio / NPT-femmina**

**2 way sealed valves with NPT-male /
NPT-female connections**

**2 Wege Kugelhähne abgedichtet
mit NPT-Stecker / NPT-Buchse**

**Vannes à boisseau sphérique à 2 voies
obturées avec NPT-mâle / NPT-femelle**

HYBRID SERVICE VALVE					
CODE	CONNECTIONS		SPHERE PASSAGE	PS	KV
	NPT F	NPT M			
	inches	inches	Ø mm	bar	m ³ /h
TEMPERATURE °C MIN -40 / MAX +150					
BV20B012NFM02	1/2"	1/2"	15	52	13
BV20C100NFM02	1"	1"	19	52	24,8



MANIFOLD	
CODE	DESCRIPTION
MX2G100002	MANIFOLD, STAINLESS STEEL, HOLES 2 GAS 1/4, 1 ODS
MX2S100005	MANIFOLD, STAINLESS STEEL, HOLES 2 SAE 1/4, 2 NPT
MX3G100007	MANIFOLD, STAINLESS STEEL, HOLES 3 GAS 1/4, 2 GAS
MX4G100001	MANIFOLD, STAINLESS STEEL, HOLES 4 GAS 1/4, 2 GAS
MX4S100004	MANIFOLD, STAINLESS STEEL, HOLES 4 SAE 1/4, 2 NPT
MX6G100006	MANIFOLD, STAINLESS STEEL, HOLES 6 GAS 1/4, 2 GAS
MX6S100003	MANIFOLD, STAINLESS STEEL, HOLES 6 SAE 1/4, 2 NPT
MX6N101009	MANIFOLD, STAINLESS STEEL, HOLES 2 NPT 1/2", 4 NPT



Coibentazioni

Insulating sleeve for ball valves

Isolation für ventile

Isolations

INSULATING SLEEVE FOR BALL VALVE

CODE	DESCRIPTION
IBV2Z00	INSULATING SLEEVE 2-WAY, TYPE Z, (6mm - 1/2")
IBV2A00	INSULATING SLEEVE 2-WAY, TYPE A, (6mm - 1/2")
IBV2B00	INSULATING SLEEVE 2-WAY, TYPE B, (15mm - 3/4")
IBV2C00	INSULATING SLEEVE 2-WAY, TYPE C, (22mm)
IBV2D00	INSULATING SLEEVE 2-WAY, TYPE D, (28mm - 1-1/8")
IBV2E00	INSULATING SLEEVE 2-WAY, TYPE E, (35mm)
IBV2F00	INSULATING SLEEVE 2-WAY, TYPE F, (1-5/8" - 42mm)



Bocchettoni SAE flare per tubi

SAE flare nuts for tubes

SAE flare Rohrverschraubung für Röhren

Raccords sae flare pour tuyaux

(SAE) FLARE NUTS FOR TUBES				
CODE	CONNECTIONS			MINIMUM QUANTITY
	SAE FLARE	BORE		
	inches	mm	inches	
NRS4-54	5/16"		1/4"	25
NRS4-64	3/8"		1/4"	25
NRS4-86	1/2"		3/8"	25
NRS4-108	5/8"		1/2"	10
NS4-04	1/4"		1/4"	25
NS4-06	3/8"		3/8"	25
NS4-06/10	3/8"	10		25
NS4-08	1/2"		1/2"	25
NS4-8/10	1/2"	10		25
NS4-08/12	1/2"	12		25
NS4-10	5/8"		5/8"	10
NS4-12/16	3/4"	16		5



Bocchettoni SAE flare ciechi

SAE flare cap nuts

Blindhutmutter

Raccords SAE flare borgne

(SAE) FLARE BLIND CAP NUTS			
CODE	CONNECTIONS		MINIMUM QUANTITY
	SAE FLARE	BORE	
	inches		
N5-04CH17	1/4"	Blind/Cieco	25
N5-5	5/16"	Blind/Cieco	10
N5-06	3/8"	Blind/Cieco	25
N5-08	1/2"	Blind/Cieco	25



Dadi gemelli flare SAE

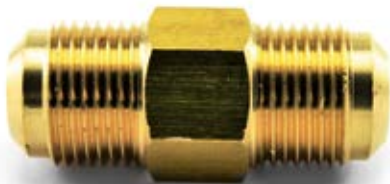
SAE flare twin nuts

SAE flare Zwillingnüsse

SAE flare noix jumelles

(SAE) FLARE TWIN NUTS			
CODE	CONNECTIONS		MINIMUM QUANTITY
	inches	inches	
US4-4	1/4"	1/4"	25
US4-6	3/8"	3/8"	10
US4-8	1/2"	1/2"	5
US4-10	5/8"	5/8"	5

CODE	CONNECTIONS		MINIMUM QUANTITY
	inches	inches	
U2-04	1/4"	1/4"	25
U2-08	1/2"	1/2"	10
U2-06	3/8"	3/8"	25
U2-10	5/8"	5/8"	5



Giunti SAE flare

SAE flare unions

Doppelnippel

Joints SAE flare



- Giunti SAE flare ridotti
- Reducing SAE flare unions
- Reduziernippel
- Joints SAE flare réductions

(SAE) FLARE TWIN NUTS			
CODE	CONNECTIONS		MINIMUM QUANTITY
	inches	inches	
UR2-0064	1/4"	3/8"	25
UR2-0086	3/8"	1/2"	10
UR2-0106	3/8"	5/8"	5
UR2-0108	1/2"	5/8"	5
UR2-0128	1/2"	3/4"	25



Guarnizione in rame

Copper gasket

Kupferdichtung

Joint en cuivre

FITTING - COPPER GASKET		
CODE	FLARE (SAE)	MINIMUM QUANTITY
	inches	
B2-04	1/4"	100
B2-05	5/16"	100
B2-06	3/8"	100
B2-08	1/2"	100
B2-10	5/8"	100
B2-12	3/4"	100



Tappi di tenuta in rame

Copper seal caps

Kupferdichtungskappen

Bouchons d'étanchéité en cuivre

FITTING - COPPER SEAL CAPS

CODE	FLARE (SAE)	MINIMUM QUANTITY
	inches	
B1-04	1/4"	100
B1-05	5/16"	100
B1-06	3/8"	100
B1-08	1/2"	100
B1-10	5/8"	100
B1-12	3/4"	100



Tubi capillari con dadi

Capillary tubes with nuts

Kapillarröhrchen mit Muttern

Tubes capillaires avec noix

FITTING - CAPILLARY TUBES

CODE	CONNECTIONS		MINIMUM QUANTITY
	inches	length	
CT0500050	1/4"	500	5
CT0500100	1/4"	1000	5
CT0500150	1/4"	1500	5
CT0600050	1/4"	500	5
CT0600100	1/4"	1000	5
CT0600150	1/4"	1500	5



Valvola di carica

Charging valve

Ladeventil

Soupape de charge

FITTING - CAPILLARY TUBES

CODE	CONNECTIONS		MINIMUM QUANTITY
	inches	length	

WITH ACCESS VALVE

CHV0600005	1/4"	50	100
CHV0600010	1/4"	100	100
CHV0600013	1/4"	130	100
CHV0600015	1/4"	150	100



Meccanismo - Tappo Schrader

Mechanism - Schrader Cap

Mechanismus - Schrader Cap

Mécanisme - Casquette Schrader

MECHANISM - SCHRADER CAP

CODE	DESCRIPTION
MECCANISMOSCHRA	Mechanism for Schrader valve
S06010	Cap for Schrader valve

**INNOVA
TIVE
REFRIGERA
TION**

Le seguenti condizioni generali si applicano a tutte le offerte di vendita, a tutti gli ordini di acquisto e, una volta accettate, a tutti i contratti in cui Refrigera Industriale s.r.l. (di seguito Refrigera Industriale) assume il ruolo di venditore.

Le seguenti condizioni generali prevalgono, in ogni caso, su quelle eventualmente predisposte dall'acquirente.

Condizioni diverse richieste dall'acquirente saranno valide ed applicabili solo in caso di esplicita accettazione da parte di Refrigera Industriale.

1. OFFERTE, ORDINI E CONTRATTI DI VENDITA

Le offerte, le fatture proforma e le dichiarazioni unilaterali, rilasciate da Refrigera Industriale decadranno e saranno prive di effetti, se non accettate espressamente dall'acquirente entro il termine di validità indicato nelle stesse, ai sensi e per gli effetti degli artt. 1328 e 1329 c.c..

Le seguenti condizioni generali, debitamente firmate per accettazione, dovranno pervenire alla Refrigera Industriale contestualmente all'invio degli ordini di acquisto o dell'accettazione delle offerte di vendita.

I Contratti si intenderanno a tutti gli effetti conclusi nel momento in cui verranno a Refrigera Industriale copie delle offerte e delle seguenti condizioni generali debitamente sottoscritte per accettazione, ovvero nel momento in cui Refrigera Industriale s.r.l. accetti l'ordine inviato dall'acquirente, congiuntamente alle seguenti condizioni generali, debitamente firmate per accettazione.

Refrigera Industriale si riserva il diritto di considerare come mai pervenuti gli ordini e le accettazioni delle offerte non accompagnate dalle seguenti condizioni generali debitamente sottoscritte.

L'offerta ha efficacia di proposta revocabile in ogni forma, ai sensi e per gli effetti dell'art. 1328 c.c.; l'acquirente potrà revocare l'ordine nei 5 (cinque) giorni lavorativi successivi al suo ricevimento da parte di Refrigera Industriale. Decorso tale termine, l'ordine acquisterà automaticamente efficacia di proposta irrevocabile e la manterrà fino al trentunesimo giorno lavorativo successivo alla data di consegna prevista nell'ordine stesso.

L'oggetto del Contratto sarà quello risultante dall'offerta e dall'accettazione dell'ordine, come integrati dalle seguenti condizioni generali.

2. CONSEGNA

La consegna dei prodotti oggetto del Contratto (qui di seguito i "Prodotti") si intende eseguita da parte di Refrigera Industriale con remissione degli stessi al vettore. Il trasporto dei Prodotti avviene, pertanto, a rischio e pericolo dell'acquirente, anche se spediti in porto franco destino e/o con automezzi che presentano il servizio per conto di Refrigera Industriale.

Refrigera Industriale provvederà all'invio della conferma d'ordine entro 3 (tre) giorni lavorativi dal ricevimento dello stesso.

Il termine di consegna indicato da Refrigera Industriale s.r.l. nella conferma d'ordine ovvero nell'offerta di vendita deve intendersi come non tassativo, bensì puramente indicativo del periodo in cui la consegna avrà luogo e, pertanto, Refrigera Industriale in nessun caso potrà essere considerata responsabile per il suo mancato rispetto. In questi casi, ferma restando la conclusione del Contratto, sarà cura di Refrigera Industriale comunicare all'acquirente le variazioni del termine di consegna preventivamente. Eventuali mancanze di ricezione della conferma d'ordine dovranno essere denunciate, a pena di decadenza, a mezzo posta elettronica o fax, da inviarsi entro 8 (otto) giorni dall'invio dell'ordine.

Refrigera Industriale provvederà ad evadere gli ordini di acquisto e le accettazioni delle offerte di vendita secondo l'ordine cronologico di arrivo e secondo la disponibilità presso il magazzino di Refrigera Industriale dei Prodotti ordinati.

3. PREZZI

Il prezzo dei Prodotti è quello indicato nella conferma d'ordine e/o nell'offerta di vendita. Le tasse, le imposte e le spese accessorie sono a carico dell'acquirente. I pagamenti si intendono sempre netti al domicilio del venditore.

4. INTERESSI DI MORA

In caso di ritardato pagamento da parte dell'acquirente, Refrigera Industriale addebiterà allo stesso gli interessi di mora così come determinati ai sensi e per gli effetti dell'art. 5 del d.lgs. n. 231/02.

5. ECCEZIONE DI INADEMPIMENTO

Ai sensi e per gli effetti dell'articolo 1460 c.c., in caso di pagamento ritardato e/o parziale e/o comunque difforme dal dovuto da parte dell'acquirente di alcuno tra i suoi debiti presenti e futuri nei confronti di Refrigera Industriale, comunque attinenti ai rapporti commerciali intercorsi tra le parti, Refrigera Industriale stessa avrà diritto a sospendere immediatamente qualunque fornitura dei Prodotti in corso, o da effettuarsi successivamente, alla data di scadenza dei termini entro i quali il predetto pagamento da parte dell'acquirente avrebbe dovuto avere luogo integralmente.

6. SOLVIBILITÀ DELL'ACQUIRENTE

Nel caso in cui Refrigera Industriale, successivamente alla stipula del contratto di vendita, ravvisi il venir meno ovvero la diminuzione delle condizioni di solvibilità dell'acquirente e/o delle garanzie generiche del credito, potrà, a sua assoluta discrezione, ritenere presso di sé i Prodotti non ancora consegnati e/o sospendere l'evasione degli ordini in corso e/o non processare nuovi ordini pervenuti dopo tale riscontro, fatti salvi gli altri rimedi di legge o previsti dal Contratto.

7. MODIFICHE

Refrigera Industriale si riserva in ogni caso il diritto di effettuare modifiche tecniche e/o di prezzo ai suoi Prodotti, senza necessità di informazione preventiva all'acquirente, anche successivamente alla conclusione del Contratto.

8. GARANZIA E VIZI DEL PRODOTTO

La garanzia sui Prodotti si intende prestata esclusivamente nei termini qui di seguito specificati, con espressa esclusione dell'applicabilità al Contratto degli articoli 1490 e 1497 c.c..

Refrigera Industriale garantisce che i Prodotti sono immuni da ogni vizio e/o difetto per un periodo di 12 (dodici) mesi, decorrente dalla data di spedizione, a condizione che l'acquirente sia in regola con i termini di pagamento delle somme a qualunque titolo dovute a Refrigera Industriale. Ogni e qualsiasi contestazione e/o reclamo in ordine all'esecuzione del Contratto, ivi compresi modelli e/o quantità di prodotti diversi da quanto ordinato e/o consegnato e/o riportato nei documenti di trasporto, asseriti vizi e/o difetti dei Prodotti, dovranno essere denunciati, a pena di decadenza, a mezzo lettera raccomandata A/R da inviarsi entro 8 (otto) giorni dal ricevimento della merce. La contestazione ovvero il reclamo non sospende l'obbligo dell'acquirente al pagamento del prezzo dei Prodotti alle scadenze pattuite.

L'acquirente avrà diritto, ad assoluta discrezione di Refrigera Industriale, alla sostituzione e/o riparazione e/o modifica gratuite dei Prodotti difettosi, che l'acquirente è tenuto ad inviare presso il magazzino di Refrigera Industriale, a spese del venditore, accompagnati dal numero della relativa fattura e da un esauriente del vizio e/o difetto, previa verifica da parte di personale incaricato da Refrigera Industriale dell'imputabilità a Refrigera Industriale dei pretesi vizi e/o difetti.

Qualsiasi modifica di qualsiasi natura operata dall'acquirente sui Prodotti (quali ad esempio, a solo titolo esemplificativo e non esaustivo, nel caso di Prodotti che siano stati trasformati, ovvero sottoposti a carichi superiori a quelli ammessi, che abbiano lavorato in condizioni diverse da quelle stabilite dal venditore, che siano stati danneggiati da impurità nell'impianto dell'acquirente o che siano stati comunque manomessi dall'acquirente) esclude automaticamente la possibilità di qualsiasi contestazione e/o reclamo. Resta comunque inteso che la sostituzione e/o riparazione e/o modifica dei Prodotti da parte di Refrigera Industriale non costituisce di per sé accettazione del reclamo dell'acquirente e rimane pertanto escluso ogni altro diritto anche di natura risarcitoria dell'acquirente ed ogni altro obbligo di Refrigera Industriale. Nel caso in cui venga effettuata sostituzione e/o riparazione e/o modifica dei Prodotti e non sia applicabile la garanzia, al cliente verranno addebitate tutte le spese sostenute da Refrigera Industriale, per gli interventi predetti sui Prodotti. Nel caso in cui, a giudizio insindacabile di Refrigera Industriale, non sussista alcun vizio e/o difetto dei Prodotti imputabile a Refrigera Industriale, quest'ultima addebiterà all'acquirente tutte le spese sostenute per l'analisi del Prodotto.

Refrigera Industriale non si assume alcuna responsabilità per ogni danno diretto, indiretto o consequenziale che possa derivare da difetti e/o ritardi di consegna dei Prodotti, indipendentemente dalla causa, inclusi i difetti di materiale e/o fabbricazione.

I Prodotti riparati o sostituiti vengono restituiti al cliente in porto assegnato. L'acquirente dichiara di essere esaurientemente edotto circa la destinazione e l'uso dei Prodotti, per aver verificato tutti i dati tecnici e disegni, proposte, note ecc., riportati nei cataloghi, depliant e documenti. Pertanto Refrigera Industriale non accetterà alcun reclamo e/o responsabilità per casi di non corretto funzionamento o di pretesa idoneità dei Prodotti, dovuti ad un uso diverso da quello indicato.

9. LEGGE APPLICABILE E FORO COMPETENTE

Ai fini delle presenti condizioni generali, le obbligazioni nascenti dai Contratti, dalle Offerte e dagli Ordini avranno quale luogo di esecuzione il magazzino Refrigera Industriale Srl di Pordenone.

Il presente Contratto, le Offerte ed Ordini sono esclusivamente sottoposti alla Legge italiana, che ne regola la conclusione, esecuzione e cessazione e in base alla quale saranno interpretati il Contratto, le Offerte ed Ordini, anche al fine della risoluzione delle controversie eventualmente nascenti.

Per qualsiasi eventuale controversia soggetta alla giurisdizione italiana sarà competente in via esclusiva il Foro di Pordenone.



INNOVATIVE REFRIGERATION

GENERAL TERMS OF PURCHASE



The following general terms and conditions apply to all sales offers, to all purchase orders and, once accepted, to all contracts where Refrigera Industriale s.r.l. (hereafter Refrigera Industriale) assumes the role of seller. The following general terms and conditions therefore prevail, over any provided by the buyer.

Other conditions requested by the buyer shall be valid and applicable only in the event of explicit acceptance by Refrigera Industriale.

1. OFFERS, ORDERS AND SALES CONTRACTS

The offers, proforma invoices and unilateral statements, made by Refrigera Industriale shall lapse and shall be considered null and void unless expressly accepted by the buyer within the period of validity indicated therein, pursuant to and for the purposes of articles 1328 and 1329 of the Italian Civil Code.

The following general terms and conditions, duly signed for acceptance, must be sent to Refrigera Industriale at the same time the purchase orders or acceptance of the sales offers are sent.

The Contracts shall be deemed for all intents and purposes concluded when Refrigera Industriale receives copies of the offers and the following terms and conditions duly signed for acceptance, or when Refrigera Industriale s.r.l. accepts the order sent by the buyer, together with the following general terms and conditions, duly signed for acceptance.

Refrigera Industriale reserves the right to consider orders and offer acceptances not accompanied by the following duly signed terms and conditions as not sent.

The offer can be effectively revoked in any form pursuant to and for the purposes of art. 1328 of the Italian Civil Code; the buyer may revoke the order within 5 (five) working days following receipt by Refrigera Industriale. Upon the expiry of said period, the order shall automatically become effective and irrevocable and shall remain so until the thirty-first working day following the delivery date planned in the order thereof.

The subject of the contract is that indicated by the offer and by the acceptance of the order, as supplemented by the following terms and conditions.

2. DELIVERY

Delivery of products covered by the Contract (hereafter the "Products") is intended performed by Refrigera Industriale with remission of the same to the carrier. Transport of Products therefore occurs at the buyer's risk and peril, even if shipped free on site delivery and/or with vehicles which provide the service on behalf of Refrigera Industriale.

Refrigera Industriale shall send the order confirmation within 5 (five) working days from receipt thereof.

The delivery date indicated by Refrigera Industriale s.r.l. in the order confirmation or in the sales offer must be considered as without limitation, albeit purely indicative of the period in which the delivery will take place and, therefore, Refrigera Industriale may in no event be held liable for its failure to comply. In these cases, without prejudice to the conclusion of the Contract, Refrigera Industriale shall communicate changes in the planned delivery terms to the buyer. Any failed receipt of the order confirmation must be reported, under penalty of forfeiture, by e-mail or fax, to be sent within 8 (eight) days from the order.

Refrigera Industriale shall process the purchase orders and acceptances of sales offers according to the chronological order of arrival and subject to availability of the Products ordered at the Refrigera Industriale warehouse.

3. PRICES

Product prices are those specified in the order confirmation and/or the sales offer. Taxes, fees and ancillary expenses shall be borne by the buyer. Payments are always intended as net at the seller's domicile.

4. DEFAULT INTEREST

In the event of delayed payment by the buyer, Refrigera Industriale shall charge the same interest on late payments as determined pursuant to art. 5 of Italian Legislative Decree no. 231/02.

5. NON-PERFORMANCE OBJECTION

Pursuant to and for the purposes of article 1460 of the Italian Civil Code, in the case of late and/or partial payment and/or however payment not in compliance with what is due by the buyer in his current and future payables to Refrigera Industriale, however relative to trade relations occurring between the parties, Refrigera Industriale shall be entitled to immediately suspend any supply of the Products in progress or to be carried out after the expiry date of the terms within which the aforementioned payment should have been fully paid by the buyer.

6. BUYER SOLVENCY

In the event that following the signing of the sales contract, Refrigera Industriale deems that the buyer's conditions of solvency and/or generic credit guarantees no longer exist, they can at their absolute discretion keep the undelivered products and/or suspend the execution of orders in progress and/or not process new orders received after said finding, without prejudice to other remedies provided by law or Contract.

7. CHANGES

Refrigera Industriale reserves the right to make any technical modifications and/or change product prices without prior notice to the buyer, even after the conclusion of the Contract.

8. WARRANTY AND PRODUCT DEFECTS

Warranty for Products shall mean exclusively granted under the terms herein specified below, with the express exclusion of the applicability of articles 1490 and 1497 of the Italian Civil Code to the Contract.

Refrigera Industriale guarantees that the Products are free from defects and/or faults for a period of 12 (twelve) months, commencing from the date of shipment, provided that the buyer is in good standing with the payment of the amounts due to Refrigera Industriale for any reason. All and any disputes and/or claims with respect to the execution of the Contract, including models and/or quantity of products other than that ordered and/or delivered and/or shown in the transport documents, alleged defects and/or faults in the Products must be reported, under penalty of forfeiture, in writing by Email or Fax to be sent within 8 (eight) days of receipt of the goods. The dispute or claim does not suspend the buyer's obligation to pay for the Products on the agreed dates.

At the absolute discretion of Refrigera Industriale the buyer shall be entitled to the free replacement and/or repair and/or modification of faulty Products, which the buyer is required to send at the seller's expense to the warehouse of Refrigera Industriale, accompanied by the related invoice number and a comprehensive description of the defect and/of fault, subject to verification by Refrigera Industriale staff of the imputability of the alleged defects and/or faults to Refrigera Industriale.

Any changes of any kind made by the buyer on the Products (such as for example, in the case of Products which have been transformed or subjected to loads in excess of those allowed, Products which have worked in conditions other than those established by the seller, Products which have been damaged by impurities in the buyer's system or have been in any way tampered with by the buyer) automatically excludes any dispute and/or claim. However, it is agreed that the replacement and/or repair and/or modification of the Products by Refrigera Industriale does not in itself constitute acceptance of the buyer's claim and therefore any other right even for compensation of the buyer and any other obligation of Refrigera Industriale is excluded. In the event of out of warranty replacement and/or repairs and/or modification of the Products the customer shall be charged all expenses incurred by Refrigera Industriale, for the aforementioned work on the Products. If at the sole discretion of Refrigera Industriale no defect and/or fault attributable to Refrigera Industriale is found, the latter will charge the buyer all expenses incurred for the examination of the Product.

Refrigera Industriale does not assume any responsibility for any direct, indirect or consequential damages that may arise from defects and/or delivery delays of the Products, regardless of cause, including material and/or manufacturing defects.

Repaired or replaced Products are returned to the customer at the assigned site.

The buyer declares to be fully informed with regards to the destination and use of the Products, after confirming all technical data and drawings, proposals, notes etc., shown in the catalogues, brochures and documents. Therefore Refrigera Industriale does not accept any claims and/or liability for malfunction or claims for suitability of the Products, due to a use other than that specified.

9. APPLICABLE LAW AND JURISDICTION

For the purposes of these general terms and conditions, the obligations arising under the Contracts, Offers and Orders shall take place at the warehouse of Refrigera Industriale Srl of Pordenone.

This Contract, the Offers and Orders are exclusively subject to Italian Law, which regulates the conclusion, implementation and termination, and under which the Contract, Offers and Orders shall be interpreted, also for the purpose of resolving any disputes which may arise.

Any dispute subject to Italian Law shall be referred to the exclusive jurisdiction of the Court of Pordenone.



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INNOVATIVE REFRIGERATION
GENERAL TERMS OF PURCHASE



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