GAS COOLER REMOTI
REMOTE GAS COOLERS

APPLICAZIONE A CO_2 TRANSCRITICA
CO_2 TRANSCRITICAL APPLICATION

Ø 500-630-800-1000

RRCX

SUPERMERCATO
SUPERMARKET

CELLE FRIGORIFERE
COLD ROOMS

MURALI E VETRINE
WALL AND DISPLAY CABINETS

BANCHI
COUNTERS

GREEN SOLUTIONS

REFRIGERANTE NATURALE
NATURAL REFRIGERANT

RISPARMIO ENERGETICO
ENERGY SAVING

BASSA RUMOROSITÀ
LOW NOISE

EASY FIX
EASY FIX

ANTIPIOGGIA
WEATHER PROOF

R744

SERIE RANGE	POTENZA / CAPACITY							VENTOLE FANS
	25 kW	50 kW	100 kW	200 kW	400 kW	800 kW		
RRCX 500		16.6 - 118.8 kW						1 - 4
RRCX 630			24.3 - 236.9 kW					1 - 4
RRCX 800				75.7 - 515 kW				2 - 8
RRCX 1000						471.3 - 649.8 kW		6

CARATTERISTICHE GENERALI

I gas coolers prodotti da Rivacold sono stati progettati per soddisfare tutte le applicazioni di CO_2 transcritica nei settori della refrigerazione commerciale ed industriale. L'intera gamma è stata ideata per installazioni all' esterno con un concetto di facilità di montaggio remoto alla gamma di centrali multicompressore e sistemi integrati a CO_2 transcritica di produzione Rivacold. L'installazione dello stesso modello sia con flusso d'aria orizzontale, che con flusso d'aria verticale (con l'utilizzo delle gambe di sostegno) ne facilita l'installazione per ogni esigenza. I gas cooler si dividono in 4 diverse gamme a seconda del diametro e numero dei motoventilatori: 500 mm (1-4), 630 mm (1-4) , 800 mm (2-8) 1000 mm (6).

GENERAL FEATURES

The gas coolers made by Rivacold have been designed to satisfy all transcritical CO_2 applications in commercial and industrial refrigeration sectors. The entire range are dedicated for outdoor installation and to be easily fitted remotely to the range of transcritical CO_2 multi-compressor packs and integrated systems made by Rivacold. The installation of the same model with horizontal or vertical air flow (using the support legs) makes their installation easy and adaptable for every needs. The gas coolers are divided into 4 different ranges, depending on the diameter and number of fan motors: 500 mm (1-4), 630 mm (1-4) , 800 mm (2-8) 1000 mm (6).

SCAMBIATORI DI CALORE

Gli scambiatori ad elevata efficienza che equipaggiano l'intera serie sono realizzati con alette in alluminio dal profilo "PIRAMIDALE". Questa particolare conformazione dell'aletta permette di massimizzare la superficie di scambio e quindi ottimizzare la potenza fornita in funzione della superficie stessa, o a parità di potenza e' possibile ridurre la portata d'aria e di conseguenza, la rumorosità stessa della macchina. La geometria utilizzata è di 25 x 21.65 e passo alette 2,1 mm. La struttura della batteria interna e delle spalle garantisce robustezza a tutto l'assieme assicurando una protezione delle tubazioni durante la movimentazione, l'installazione e la messa in funzione. Il rame delle tubazioni di tipo K65 garantisce la possibilità di lavorare con pressioni di esercizio fino a 120 bar. Tutte le batterie vengono sottoposte a collaudo con azoto ad una pressione di minimo 172 bar e caricate in pressione di azoto per la spedizione in completa sicurezza

HEAT EXCHANGERS

The high-efficiency heat exchangers of the entire range are manufactured with aluminium fins with "PYRAMIDAL" profile. This particular structure of the fin allows maximizing the heat exchange surface and thus optimizing the power supplied according to the surface itself; moreover, with the same power it is possible to reduce the airflow and therefore, the noise generated by the machine itself. The geometry used is 25 x 21.65 and 2.1 mm fin pitch. The structure of the internal battery and of its sides guarantees robustness of the entire assembly and protection of pipes during handling, installation and commissioning. The copper tube is type K65 and allows working with operating pressures up to 120bar. All batteries are subjected to testing with nitrogen at a minimum pressure of nitrogen of 172 bars and charged under a minimum nitrogen pressure for a shipment in total safety.

CARENATURA

La carenatura è realizzata in lamiera elettrozincata con verniciatura a polvere (grigio RAL 7035) in modo da garantire una elevata resistenza alla corrosione. Le caratteristiche costruttive della struttura nel suo insieme ne garantiscono la robustezza e la resistenza per installazioni esterne a lunga durata. Tutti i componenti sono racchiusi e protetti dalla carenatura all'interno della struttura; ogni singola ventola è separata singolarmente con divisori che ne impediscono il riflusso dell'aria

CASING

The casing is made of galvanized steel with powder coating (grey RAL 7035) in order to guarantee a high resistance to corrosion. The design features of the structure as a whole ensure robustness and endurance for long lasting outdoor installations. All components are enclosed and protected by the casing inside the structure; every single fan is separated individually by splitters that prevent the backflow of air.

OPTIONAL

Sezionatore su ogni ventola (interruttore di servizio), cablaggio sezionatore, cablaggio dei ventilatori su scatola di derivazione, batteria con aletta vinilica (preverniciata); gambe di sostegno (versione flusso d'aria verticale); gambe di sostegno con altezza maggiorata

OPTIONAL

Disconnecting switch on each fan (service switch), disconnect switch wiring, fan-motor wiring to the junction box; vinyl coated fins coils (pre-coated), supporting legs (vertical airflow version); supporting legs with increased height (upon customers request).

ALLGEMEINE MERKMALE

Die Gaskühler von Rivacold wurden für alle transkritischen CO2-Anwendungen in der gewerblichen und industriellen Kältetechnik entwickelt. Die gesamte Produktreihe ist für die Installation im Außenbereich geeignet und kann einfach in die Reihe der transkritischen CO2-Multi-Systeme von Rivacold integriert werden. Die Installation des gleichen Modells sowohl mit horizontaler als auch mit vertikaler Luftströmung (unter Verwendung von Stützbeinen) erleichtert die Installation für jeden Bedarf. Die Gaskühler werden je nach Durchmesser und Anzahl der Lüftermotoren in 4 verschiedene Kategorien unterteilt: 500 mm (1-4), 630 mm (1-4), 800 mm (2-8) 1000 mm (6).

WÄRMETAUSCHER

Die hocheffizienten Wärmetauscher, mit denen die gesamte Serie ausgestattet ist, werden mit Aluminiumlamellen mit "PYRAMIDEN"-Profil hergestellt. Dank der besonderen Form der Lamelle ist es möglich, die Tauschfläche zu maximieren und somit die zugeführte Leistung entsprechend der Oberfläche zu optimieren; außerdem ist es bei gleicher Leistung möglich, den Luftstrom und somit den vom Gerät verursachten Lärm zu reduzieren. Die Maße betragen 25 x 21,65 und der Lamellenabstand 2,1 mm. Die Struktur des internen Wärmetauschers und der Halterungen garantiert die Robustheit der gesamten Anlage und gewährleistet den Schutz der Rohre während der Handhabung, Installation und Inbetriebnahme. Dank der K65-Kupferrohre kann mit einem Betriebsdruck von bis zu 120 bar gearbeitet werden. Alle Wärmetauscher werden mit Stickstoff bei einem Druck von mindestens 172 bar getestet und unter Stickstoffdruck geladen, um einen absolut sicheren Versand zu gewährleisten.

VERKLEIDUNG

Die Verkleidung besteht aus galvanisch verzinktem, pulverbeschichtetem Blech (grau RAL 7035), um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Konstruktionsmerkmale der gesamten Struktur garantieren Robustheit und Widerstandsfähigkeit für langlebige Installationen im Außenbereich. Sämtliche Komponenten sind von der Verkleidung umschlossen und im Inneren der Struktur geschützt; jeder einzelne Lüfter ist durch Trennwände getrennt, die ein Zurückströmen der Luft verhindern.

OPTIONAL

Trennschalter an jedem Lüfter (Wartungsschalter), Trennschalterverkabelung, Lüfterverkabelung am Verteilerkasten, Spule mit Vinyl-Lamelle (vorlackiert); Stützbeine (Ausführung mit vertikaler Luftströmung); erhöhte Stützbeine.

CARACTÉRISTIQUES GÉNÉRALES

Les gaz coolers produits par Rivacold ont été conçus pour toutes les applications de CO2 transcritique dans les secteurs de la réfrigération commerciale et industrielle. Toute la gamme a été pensée pour des installations en extérieur selon le concept de facilité de montage à distance avec la gamme de centrales multicompresseur et systèmes intégrés au CO2 transcritique produits par Rivacold. L'installation du même modèle, aussi bien à flux d'air horizontale qu'à flux d'air vertical (avec l'utilisation des pieds d'appui) permet de répondre à toutes les exigences. Les gaz cooler se divisent en 4 gammes différentes selon le diamètre et le nombre de motoventilateurs : 500 mm (1-4), 630 mm (1-4), 800 mm (2-8) 1000 mm (6).

ÉCHANGEURS DE CHALEUR

Les échangeurs à haute efficacité qui équipent l'ensemble de la série sont réalisés avec des ailettes en aluminium au profil "PYRAMIDAL". Cette conformation particulière de l'ailette permet de maximaliser la surface d'échange et d'optimiser la puissance fournie en fonction de la surface et, avec la même puissance, il est possible de réduire le débit d'air et, par conséquent, le bruit de la machine. La géométrie utilisée est de 25 x 21.65 et le pas des ailettes est de 2,1 mm. La structure de la batterie interne et des supports garantit la solidité de tout l'ensemble en assurant la protection des tuyaux pendant la manutention, l'installation et la mise en fonction. Le cuivre des tuyaux de type K65 garantit la possibilité de travailler à une pression de service pouvant atteindre 120 bars. Toutes les batteries sont soumises à essai à azote à une pression minimum de 172 bars et chargées d'azote sous pression pour une expédition en toute sécurité.

CARÉNAGE

Le carénage est réalisé en tôle électrozinguée avec peinture à poudre (gris RAL 7035) afin de garantir une haute résistance à la corrosion. Les caractéristiques de fabrication de la structure dans son ensemble en garantissent la solidité et la résistance pour des installations externes prévues pour durer dans le temps. Tous les composants sont enfermés et protégés par le carénage à l'intérieur de la structure; chaque ventilateur est séparé par des divisions qui empêchent le reflux de l'air.

EN OPTION

Sectionneur sur chaque ventilateur (interrupteur de service), câblage sectionneur, câblage des ventilateurs sur boîtier de dérivation, batterie avec ailette vinylique (pré-peinte); pieds de soutien (version flux d'air vertical); pieds de soutien à hauteur majoréee.

CARACTERÍSTICAS GENERALES

Los gas coolers fabricados por Rivacold han sido diseñados para cumplir todas las aplicaciones transcríticas de CO2 en los sectores de la refrigeración comercial e industrial. Toda la gama ha sido ideada para instalaciones en el exterior siguiendo un concepto de sencillez de montaje remoto para la gama de unidades multicompresor y sistemas integrados de CO2 transcríticos de fabricación Rivacold. La instalación del mismo modelo, tanto con flujo de aire horizontal como con flujo de aire vertical (con el empleo de patas de soporte) simplifica la instalación para cualquier tipo de necesidad. Los gas coolers se dividen en 4 gamas diferentes, dependiendo del diámetro y la cantidad de motoventiladores: 500 mm (1-4), 630 mm (1-4), 800 mm (2-8) 1000 mm (6).

INTERCAMBIADORES DE CALOR

Los intercambiadores de alta eficiencia con los que está equipada la serie completa, están fabricados con aletas de aluminio con perfil “PIRAMIDAL”. Este diseño especial de la aleta permite maximizar la superficie de intercambio y, por tanto, optimizar la potencia suministrada en función de esta superficie, o a igualdad de potencia es posible reducir el caudal de aire y, por consiguiente, el ruido mismo de la máquina. La geometría utilizada es 25 x 21.65 y paso de aletas 2,1 mm. La estructura de la bobina interna y de los soportes garantiza robustez a todo el conjunto asegurando la protección de las tuberías durante su manipulación, instalación y puesta en funcionamiento. El cobre de las tuberías de tipo K65 asegura la posibilidad de trabajar con valores de presión de ejercicio de hasta 120bar. Todas las bobinas se someten a ensayo con nitrógeno a una presión mínima de 172 bar y se cargan a presión de nitrógeno para garantizar la seguridad del envío.

CARENADO

El carenado está fabricado en chapa electrocincada con pintura en polvo (gris RAL 7035) para garantizar una alta resistencia a la corrosión. Las características de fabricación de la estructura en conjunto garantizan la robustez y la resistencia para instalaciones externas de larga duración. Todos los componentes están incluidos y protegidos por el carenado en el interior de la estructura, cada ventilador está separado individualmente con divisorios que impiden el reflujo de aire.

OPCIONAL

Seccionador en cada ventilador (interruptor de servicio), cableado seccionador, cableado de los ventiladores en la caja de derivación, bobina con aleta vinílica (prepintada); patas de soporte (versión con flujo de aire vertical); patas de soporte con altura aumentada

RRCX Ø 500 - CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

MODEL		EC FAN MOTORS	NOISE LEVEL		ROWS	FIN SPACING	PIPING		CIRCUIT SURFACE	CIRCUIT VOLUME	AIR FLOW	CO_2 FLOW	NET WEIGHT
		no. X Ø	MAX SPEED dist =10m (dbA)	AVERAGE 24h dist =10m (dbA)			INLET Ø x thickness [In x mm]	OUTLET Ø x thickness [In x mm]	[m^2]	[liters]	MAX SPEED [m^3/h]	MAX SPEED [Kg/h]	[Kg]
	RRCX015004VB	1x500	46.7	42.2	4	2.1	5/8" x 1.05	1/2" x 0.85	56	4.53	7910	434	79.5
	RRCX015004SB		36.7	32.3							6056	375	78.5
	RRCX015004AB		35.2	30.5							4809	330	76.4
	RRCX015005VB		46.7	42.2	5	2.1	5/8" x 1.05	1/2"x 0.85	70	5.66	8886	510	86.5
	RRCX015005SB		36.7	32.3							5855	437	85.5
	RRCX015005AB		35.2	30.5							4638	379	83.4
	RRCX025004VB	2x500	49.6	45.0	4	2.1	7/8" x 1.5	3/4"x 1.30	112	8.24	15811	814	142.0
	RRCX025004SB		39.6	35.1							12104	704	140.0
	RRCX025004AB		38.1	33.3							9610	610	135.8
	RRCX025005VB		49.6	45.0	5	2.1	7/8" x 1.5	3/4" x 1.30	140	10.61	15303	1003	153.0
	RRCX025005SB		39.6	35.1							11659	862	151.0
	RRCX025005AB		38.1	33.3							9233	748	146.8
	RRCX035004VB	3x500	51.2	46.9	4	2.1	1 1/8" x 1.90 K65 1" GAS x 2 INOX	7/8" x 1.50 K65 1/2" GAS x 2 INOX	168	13.15	23795	1332	210.0
	RRCX035004SB		41.2	37.0							18225	1152	207.0
	RRCX035004AB		39.7	35.2							14476	1014	200.7
	RRCX035005VB		51.2	46.9	5	2.1	1 1/8" x 1.90 K65 1" GAS x 2 INOX	7/8" x 1.50 K65 1/2" GAS x 2 INOX	210	16.41	23052	1575	224.0
	RRCX035005SB		41.2	37.0							17573	1341	221.0
	RRCX035005AB		39.7	35.2							13920	1163	214.7
	RRCX045004VBF	4x500	52.5	47.9	4	2.1	1 1/8" x 1.90 K65 1" GAS x 2 INOX	7/8" x 1.50 K65 1/2" GAS x 2 INOX	224	17.44	31737	1791	282.0
	RRCX045004SBF		42.5	38.0							24309	1548	278.0
	RRCX045004ABF		41.0	36.2							19308	1359	269.6
	RRCX045005VBF		52.5	47.9	5	2.1	1 3/8" x 2.3 K65 1" GAS x 2 INOX	1 1/8" x 1.9 K65 1" GAS x 2 INOX	280	20.95	30604	2006	300.0
	RRCX045005SBF		42.5	38.0							23315	1721	296.0
	RRCX045005ABF		41.0	36.2							18463	1490	287.6

TABELLA RESE MODELLI Ø500 - Ø500 MODELS PERFORMANCE TABLE

REFRIGERATION CAPACITIES											
MODEL		EC FAN MOTORS	MAX SPEED	ABSORPTION		"A" CONDITIONS		"B" CONDITIONS		"C" CONDITIONS	
		no. X Ø	[rpm]	[Watt]	[A]	2K APPROACH [kW]	3K APPROACH [kW]	2K APPROACH [kW]	3K APPROACH [kW]	2K APPROACH [kW]	3K APPROACH [kW]
	RRCX015004VB	1x500	1420	750	3.4	21.68	24.14	22.04	24.85	22.51	25.75
	RRCX015004SB		1100	360	2.2	18.83	20.92	19.06	21.54	19.48	22.38
	RRCX015004AB		870	180	1.2	16.62	18.42	16.79	18.91	17.15	19.59
	RRCX015005VB		1420	750	3.4	25.52	28.32	25.90	29.26	26.48	30.25
	RRCX015005SB		1100	360	2.2	21.91	24.23	22.33	25.07	22.71	25.88
	RRCX015005AB		870	180	1.2	19.15	21.12	19.44	21.69	19.88	22.48
	RRCX025004VB	2x500	1420	1500	6.8	40.63	45.40	41.23	46.76	42.12	48.41
	RRCX025004SB		1100	720	4.4	35.30	38.47	35.74	40.43	36.50	40.84
	RRCX025004AB		870	360	2.4	30.99	34.43	31.41	35.47	32.08	36.70
	RRCX025005VB		1420	1500	6.8	50.66	56.20	51.24	57.96	52.66	59.42
	RRCX025005SB		1100	720	4.4	42.75	47.21	44.08	49.43	45.06	50.61
	RRCX025005AB		870	360	2.4	37.73	41.51	38.29	42.76	39.15	43.04
	RRCX035004VB	3x500	1420	2250	10.2	66.70	74.29	67.84	76.48	69.33	79.14
	RRCX035004SB		1100	1080	6.6	57.80	64.20	58.55	66.13	60.07	68.70
	RRCX035004AB		870	540	3.6	50.72	56.22	51.45	57.93	52.77	60.19
	RRCX035005VB		1420	2250	10.2	78.70	87.21	79.83	89.89	81.61	93.18
	RRCX035005SB		1100	1080	6.6	67.35	74.43	68.33	76.71	69.89	79.50
	RRCX035005AB		870	540	3.6	58.80	64.78	59.66	66.53	60.74	68.94
	RRCX045004VBF	4x500	1420	3000	13.6	90.18	99.93	91.11	102.88	93.44	106.48
	RRCX045004SBF		1100	1440	8.8	77.69	86.24	78.82	89.19	80.48	92.35
	RRCX045004ABF		870	720	4.8	68.41	75.68	69.12	77.74	70.89	80.78
	RRCX045005VBF		1420	3000	13.6	101.28	112.39	102.43	115.93	105.26	118.86
	RRCX045005SBF		1100	1440	8.8	85.28	95.65	87.89	98.65	89.87	101.14
	RRCX045005ABF		870	720	4.8	75.09	82.74	75.90	85.19	77.98	86.36

CONDIZIONI DI CALCOLO DATI DI RESA

"A"
- **Temp. Ambiente:** 32°C
- **Temp. Uscita CO_2:** 34°/35°C (Approach 2K/3K)
- **Pressione CO_2:** 90 bar
- **Temp. Ingresso CO_2:** 120°C

"B"
- **Temp. Ambiente:** 35°C
- **Temp. Uscita CO_2:** 37°/38°C (Approach 2K/3K)
- **Pressione CO_2:** 95 bar
- **Temp. Ingresso CO_2:** 120°C

"C"
- **Temp. Ambiente:** 38°C
- **Temp. Uscita CO_2:** 40°/41°C (Approach 2K/3K)
- **Pressione CO_2:** 100 bar
- **Temp. Ingresso CO_2:** 120°C

CONDITIONS OF CAPACITY CALCULATION DATA

"A"
- **Ambient Temp.:** 32°C
- **CO_2 Outlet Temp.:** 34°/35°C (Approach 2K/3K)
- **CO_2 Pressure:** 90 bar
- **CO_2 Inlet Temp.:** 120°C

"B"
- **Ambient Temp.:** 35°C
- **CO_2 Outlet Temp.:** 37°/38°C (Approach 2K/3K)
- **CO_2 Pressure:** 95 bar
- **CO_2 Inlet Temp.:** 120°C

"C"
- **Ambient Temp.:** 38°C
- **CO_2 Outlet Temp.:** 40°/41°C (Approach 2K/3K)
- **CO_2 Pressure:** 100 bar
- **CO_2 Inlet Temp.:** 120°C

BERECHNUNGSGRUNDLAGE DER KÄLTELEISTUNG

"A"
- **Umgebungstemperatur:** 32°C
- **Ausgangstemperatur CO_2:** 34°/35°C (Δt 2K/3K)
- **Druck CO_2:** 90 bar
- **Eingangstemperatur CO_2:** 120°C

"B"
- **Umgebungstemperatur:** 35°C
- **Ausgangstemperatur CO_2:** 37°/38°C (Δt 2K/3K)
- **Druck CO_2:** 95 bar
- **Eingangstemperatur CO_2:** 120°C

"C"
- **Umgebungstemperatur:** 38°C
- **Ausgangstemperatur CO_2:** 40°/41°C (Δt 2K/3K)
- **Druck CO_2:** 100 bar
- **Eingangstemperatur CO_2:** 120°C

CONDITIONS DE CALCUL DES DONNEES DE RENDEMENT

"A"
- **Temp. Ambiante:** 32°C
- **Temp. Sortie CO_2:** 34°/35°C (Approach 2K/3K)
- **Pression CO_2:** 90 bar
- **Temp. Entrée CO_2:** 120°C

"B"
- **Temp. Ambiante:** 35°C
- **Temp. Sortie CO_2:** 37°/38°C (Approach 2K/3K)
- **Pression CO_2:** 95 bar
- **Temp. Entrée CO_2:** 120°C

"C"
- **Temp. Ambiante:** 38°C
- **Temp. Sortie CO_2:** 40°/41°C (Approach 2K/3K)
- **Pression CO_2:** 100 bar
- **Temp. Entrée CO_2:** 120°C

CONDICIONES DE CÁLCULO POTENCIA FRIGORÍFICA

"A"
- **Temp. Ambiente:** 32°C
- **Temp. Salida CO_2:** 34°/35°C (DT Aprox. 2K/3K)
- **Presión CO_2:** 90 bar
- **Temp. Entrada CO_2:** 120°C

"B"
- **Temp. Ambiente:** 35°C
- **Temp. Salida CO_2:** 37°/38°C (DT Aprox. 2K/3K)
- **Presión CO_2:** 95 bar
- **Temp. Entrada CO_2:**120°C

"C"
- **Temp. Ambiente:** 38°C
- **Temp. Salida CO_2:** 40°/41°C (DT Aprox. 2K/3K)
- **Presión CO_2:** 100 bar
- **Temp. Entrada CO_2:** 120°C

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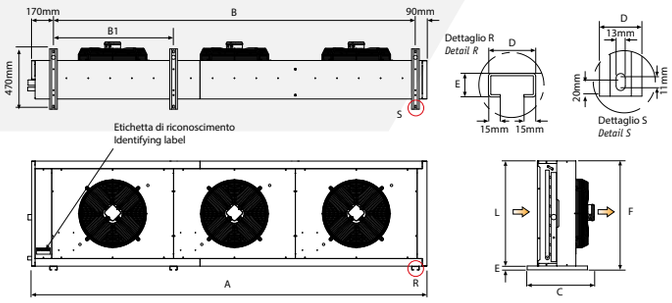
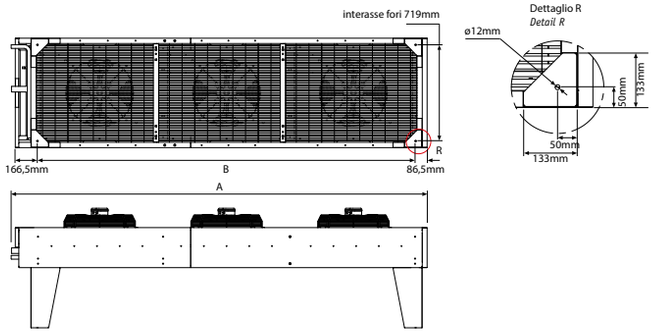
CARATTERISTICHE COSTRUTTIVE - INSTALLAZIONE ORIZZONTALE
MANUFACTURING FEATURES - HORIZONTAL INSTALLATION

GAS COOLER	DIMENSIONS							
	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	E (mm)	F (mm)	L (mm)
RRCX01500	1183	923	-	525	60	30	849	819
RRCX02500	2133	1873						
RRCX03500	3083	2823	936.5					
RRCX04500	4033	3773	1886.5	525				



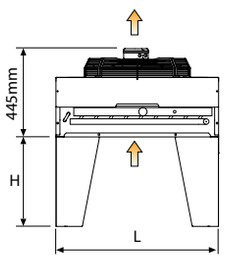
CARATTERISTICHE COSTRUTTIVE - INSTALLAZIONE VERTICALE
MANUFACTURING FEATURES - VERTICAL INSTALLATION

GAS COOLER	DIMENSIONS		
	A (mm)	B (mm)	L (mm)
RRCX01500	1183	930	819
RRCX02500	2133	1880	
RRCX03500	3083	2830	
RRCX04500	4033	3780	819



OPTIONAL GAMBE DI SUPPORTO
OPTIONAL SUPPORT LEGS

REF	MODEL	ALTEZZA	PESO
		HEIGHT (mm)	WEIGHT (Kg)
RRCX01500	RRC0150KV05	450	11.5
RRCX02500			
RRCX03500			
RRCX04500	RRC0650KV05	450	17.2



RRCX Ø 630 - CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

MODEL		EC FAN MOTORS	NOISE LEVEL		ROWS	FIN SPACING	PIPING		CIRCUIT SURFACE	CIRCUIT VOLUME	AIR FLOW	CO_2 FLOW	NET WEIGHT
		no. X Ø	MAX SPEED dist =10m (dbA)	AVERAGE 24h dist =10m (dbA)			INLET Ø x thickness [In x mm]	OUTLET Ø x thickness [In x mm]	[m^2]	[liters]	MAX SPEED [m^3/h]	MAX SPEED [Kg/h]	[Kg]
	RRCX016304VB	1x630	52.1	47.5	4	2.1	3/4" x 1.3	5/8" x 1.05	91	7.29	18173	827	185.0
	RRCX016304SB		44.6	39.9							11323	650	168.3
	RRCX016304AB		31.6	27.1							6738	485	164.5
	RRCX016305VB		52.1	47.5	5	2.1	7/8" x 1.5	3/4" x 1.30	113	9.04	17501	989	194.0
	RRCX016305SB		44.6	39.9							10973	767	177.3
	RRCX016305AB		31.6	27.1							6419	549	173.5
	RRCX026304VB	2x630	55.0	50.3	4	2.1	1 1/8" x 1.90 K65 1" GAS x 2 INOX	7/8" x 1.50 K65 1/2" GAS x 2 INOX	182	14.26	36347	1683	266.5
	RRCX026304SB		47.5	42.7							22645	1320	233.1
	RRCX026304AB		34.5	29.9							13475	981	225.5
	RRCX026305VB		55.0	50.3	5	2.1	1 3/8" x 2.3 K65 1" GAS x 2 INOX	1 1/8" x 1.9 K65 1" GAS x 2 INOX	227	17.34	34987	1943	276.5
	RRCX026305SB		47.5	42.7							21937	1491	243.1
	RRCX026305AB		34.5	29.9							12831	1078	235.5
	RRCX036304VB	3x630	56.6	52.2	4	2.1	1 3/8" x 2.3 K65 1" GAS x 2 INOX	1 1/8" x 1.90 K65 1" GAS x 2 INOX	273	21,76	54522	2526	395.7
	RRCX036304SB		49.1	44.6							33968	1974	345.6
	RRCX036304AB		36.1	31.8							20213	1464	334.2
	RRCX036305VB		56.6	52.2	5	2.1	1 5/8" x 2.70 K65 1 1/4" GAS x 3 INOX	1 3/8" x 2.30 K65 1" GAS x 2 INOX	340	26.67	52493	2969	410.7
	RRCX036305SB		49.1	44.6							32912	2279	360.6
	RRCX036305AB		36.1	31.8							19251	1641	349.2
	RRCX046304VB	4x630	57.7	53.1	4	2.1	1 5/8" x 2.70 K65 1 1/4" GAS x 3 INOX	1 3/8" x 2.30 K65 1" GAS x 2 INOX	364	28.23	72689	3378	525.0
	RRCX046304SB		50.2	45.5							45289	2650	458.2
	RRCX046304AB		37.2	32.7							26947	1957	443.0
	RRCX046305VB		57.7	53.1	5	2.1	1 5/8" x 2.70 K65 1 1/4" GAS x 3 INOX	1 3/8" x 2.30 K65 1" GAS x 2 INOX	455	35.31	70192	4000	545.0
	RRCX046305SB		50.2	45.5							43989	3067	478.2
	RRCX046305AB		37.2	32.7							25764	2202	463.0

99220361 CAT REV 02_07/21

TABELLA RESE MODELLI Ø630 - Ø630 MODELS PERFORMANCE TABLE

REFRIGERATION CAPACITIES											
MODEL		EC FAN MOTORS	MAX SPEED	ABSORPTION		"A" CONDITIONS		"B" CONDITIONS		"C" CONDITIONS	
		no. X Ø	[rpm]	[Watt]	[A]	2K APPROACH [kW]	3K APPROACH [kW]	2K APPROACH [kW]	3K APPROACH [kW]	2K APPROACH [kW]	3K APPROACH [kW]
	RRCX016304VB	1x630	1510	3200	5.0	41.36	46.30	41.91	47.66	42.82	49.33
	RRCX016304SB		1080	825	1.4	32.50	36.27	32.95	37.42	34.60	39.71
	RRCX016304AB		690	184	1.2	24.35	27.03	24.80	27.84	25.32	28.92
	RRCX016305VB		1510	3200	5.0	49.28	54.86	50.20	56.74	51.34	58.28
	RRCX016305SB		1080	825	1.4	38.50	42.62	39.03	43.93	39.90	45.51
	RRCX016305AB		690	184	1.2	27.82	30.72	28.03	31.70	29.00	32.86
	RRCX026304VB	2x630	1510	6400	10.0	84.24	94.30	85.35	97.08	87.19	100.54
	RRCX026304SB		1080	1650	2.8	65.96	73.58	66.82	75.71	68.50	78.39
	RRCX026304AB		690	368	2.4	49.47	54.82	50.16	56.48	51.25	58.34
	RRCX026305VB		1510	6400	10.0	96.93	108.14	98.32	111.41	100.45	115.49
	RRCX026305SB		1080	1650	2.8	75.05	83.38	76.13	85.19	77.79	86.78
	RRCX026305AB		690	368	2.4	54.27	59.87	55.09	60.87	55.88	63.84
	RRCX036304VB	3x630	1510	9600	15.0	126.28	141.01	128.02	145.67	130.82	150.88
	RRCX036304SB		1080	2475	4.2	98.61	110.07	99.98	113.31	102.52	117.33
	RRCX036304AB		690	552	3.6	73.42	81.48	74.77	84.26	76.39	87.11
	RRCX036305VB		1510	9600	15.0	148.01	165.25	150.19	170.17	153.52	175.04
	RRCX036305SB		1080	2475	4.2	114.48	127.06	116.05	130.96	118.59	135.71
	RRCX036305AB		690	552	3.6	82.51	91.04	83.30	93.98	85.78	97.42
	RRCX046304VB	4x630	1510	12800	20.0	168.76	188.49	171.08	194.70	174.79	201.67
	RRCX046304SB		1080	3300	5.6	131.79	147.10	133.56	151.42	136.97	156.80
	RRCX046304AB		690	736	4.8	98.06	108.95	99.92	112.61	102.15	116.24
	RRCX046305VB		1510	12800	20.0	198.80	221.93	202.04	228.71	206.94	236.95
	RRCX046305SB		1080	3300	5.6	154.12	170.59	155.78	175.82	159.90	182.78
	RRCX046305AB		690	736	4.8	111.19	122.24	112.41	126.12	114.97	130.74

CONDIZIONI DI CALCOLO DATI DI RESA

(vedi pagina 6) Per condizioni diverse contattare il nostro ufficio tecnico.

CONDITIONS OF CAPACITY CALCULATION DATA

(see page 6) For different conditions, please contact our technical department.

LEISTUNGSANGABEN

(s. Seite 6) Bei abweichenden Bedingungen wenden Sie sich an unser technisches Büro.

CONDITIONS DE CALCUL DES DONNÉES DE FONCTIONNEMENT

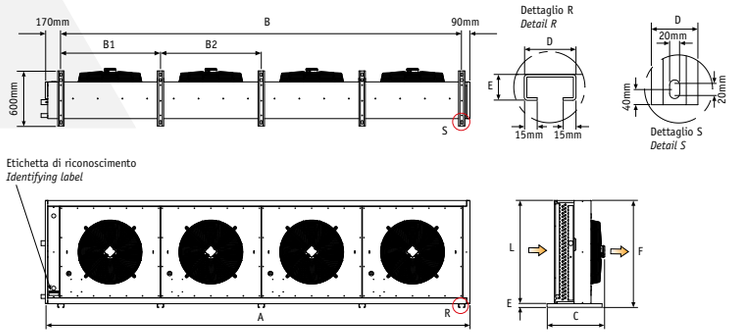
(voir page 6) Pour des conditions différentes, contactez notre bureau technique.

CONDICIONES DE CÁLCULO DE LA POTENCIA FRIGORÍFICA

(ver pág. 6) Para condiciones distintas de las indicadas, contactar con nuestro departamento Técnico.

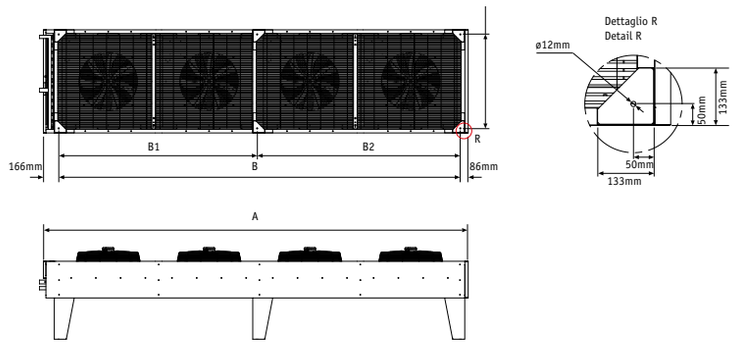
CARATTERISTICHE COSTRUTTIVE - INSTALLAZIONE ORIZZONTALE
MANUFACTURING FEATURES - HORIZONTAL INSTALLATION

GAS COOLER	DIMENSIONS								
	A (mm)	B (mm)	B1 (mm)	B2 (mm)	C (mm)	D (mm)	E (mm)	F (mm)	L (mm)
RRCX01630	1333	1073	-	-	629	70	40	1165	1125
RRCX02630	2433	2173							
RRCX03630	3533	3273	1086.5	1100					
RRCX04630	4633	4373							



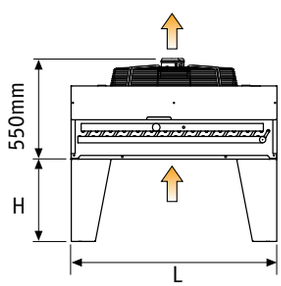
CARATTERISTICHE COSTRUTTIVE - INSTALLAZIONE VERTICALE
MANUFACTURING FEATURES - VERTICAL INSTALLATION

GAS COOLER	DIMENSIONS				
	A (mm)	B (mm)	B1 (mm)	B2 (mm)	L (mm)
RRCX01630	1333	1081	-	-	1125
RRCX02630	2433	2181	-	-	
RRCX03630	3533	3281	-	-	
RRCX04630	4633	4381	2165	2216	



OPTIONAL GAMBE DI SUPPORTO
OPTIONAL SUPPORT LEGS

REF	MODEL	ALTEZZA	PESO
		HEIGHT (mm)	WEIGHT (Kg)
RRCX01630	RRC0150KV05	450	11.5
RRCX02630			
RRCX03630			
RRCX04630	RRC0650KV05		17.5



RIVACOLD MASTERING COLD

RRCX Ø 800 - CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

MODEL		EC FAN MOTORS	NOISE LEVEL		ROWS	FIN SPACING	PIPING		CIRCUIT SURFACE	CIRCUIT VOLUME	AIR FLOW	CO_2 FLOW	NET WEIGHT
		no. X Ø	MAX SPEED dist =10m (dbA)	AVERAGE 24h dist =10m (dbA)			INLET Ø x thickness [In x mm]	OUTLET Ø x thickness [In x mm]	[m^2]	[liters]	MAX SPEED [m^3/h]	MAX SPEED [Kg/h]	[Kg]
	RRCX028004SB	2x800	46.8	42.1	4	2.1	1 3/8" x 2.3 K65 1"GAS x 2 INOX	1 1/8" x 1.90 K65 1" GAS x 2 INOX	227	18	37451	1946	334.9
	RRCX028004AB		38.3	33.7							29074	1702	310.7
	RRCX028004NB		33.3	28.8							23205	1504	306.5
	RRCX028005SB		46.8	42.1	5	2.1	1 3/8" x 2.3 K65 1"GAS x 2 INOX	1 1/8" x 1.90 K65 1" GAS x 2 INOX	283	22	35616	2268	356.1
	RRCX028005AB		38.3	33.7							27691	1967	331.9
	RRCX028005NB		33.3	28.8							21828	1707	327.7
	RRCX038004SB	3x800	48.4	43.9	4	2.1	1 5/8" x 2.7 K65 1 1/4" GAS x 3 INOX	1 3/8" x 2.30 K65 1" GAS x 2 INOX	340	26	55995	2925	486.4
	RRCX038004AB		39.9	35.5							43478	2558	450.1
	RRCX038004NB		34.9	30.6							34674	2258	443.8
	RRCX038005SB		48.4	43.9	5	2.1	1 5/8" x 2.7 K65 1 1/4" GAS x 3 INOX	1 3/8" x 2.30 K65 1" GAS x 2 INOX	425	33	53261	3535	518.2
	RRCX038005AB		39.9	35.5							41408	3061	481.9
	RRCX038005NB		34.9	30.6							32618	2663	475.6
	RRCX048004SB	4x800	49.5	44.8	4	2.1	1 5/8" x 2.7 K65 1 1/4" GAS x 3 INOX	1 3/8" x 2.30 K65 1" GAS x 2 INOX	453	35	74896	3896	606.0
	RRCX048004AB		41.0	36.4							58142	3405	557.6
	RRCX048004NB		36.0	31.5							46405	3003	549.2
	RRCX048005SB		49.5	44.8	5	2.1	2 x 1 3/8" x 2.3 K65 1"GAS x 2 INOX	2 x 1 1/8" x 1.90 K65 1" GAS x 2 INOX	567	44	71253	4533	637.0
	RRCX048005AB		41.0	36.4							55398	3925	588.6
	RRCX048005NB		36.0	31.5							43672	3390	580.2
	RRCX048004SBW	4x800(2+2)	49.6	44.9	4	2.1	2 x 1 5/8" x 2.7 K65 1 1/4" GAS x 3 INOX	2 x 1 3/8" x 2.3 K65 1" GAS x 2 INOX	425	33	73140	3723	650.0
	RRCX048004ABW		41.1	36.5							56847	3264	601.6
	RRCX048004NBW		36.1	31.6							45105	2874	593.2
	RRCX048005SBW		49.6	44.9	5	2.1	2 x 1 5/8" x 2.7 K65 1 1/4" GAS x 3 INOX	2 x 1 3/8" x 2.3 K65 1" GAS x 2 INOX	531	41	69255	4440	692.4
	RRCX048005ABW		41.1	36.5							53802	3850	644.0
	RRCX048005NBW		36.1	31.6							42146	3330	635.6
	RRCX068004SB	6x800	51.3	46.8	4	2.1	2 x 1 5/8 X 2.7 K65 1 1/4" GAS x 3 INOX	2 x 1 3/8" x 2.30 K65 1"GAS X 2 INOX	638	50	109701	5576	907.2
	RRCX068004AB		42.8	38.4							85262	4883	834.6
	RRCX068004NB		37.8	33.5							67649	4221	822.0
	RRCX068005SB		51.3	46.8	5	2.1	2 x 1 5/8" x 2.7 K65 1 1/4" GAS x 3 INOX	2 x 1 3/8" x 2.30 K65 1"GAS X 2 INOX	797	62	103877	6773	969.0
	RRCX068005AB		42.8	38.4							80699	5894	896.4
	RRCX068005NB		37.8	33.5							63215	5096	883.8
	RRCX088004SB	8x800	52.4	47.6	4	2.1	2 x 1 5/8" x 2.7 K65 1 1/4" GAS x 3 INOX	2 x 1 3/8" x 2.30 K65 1"GAS X 2 INOX	850	66	146002	7437	1200.6
	RRCX088004AB		43.9	39.2							113485	6514	1103.8
	RRCX088004NB		38.9	34.3							90000	5727	1087.0
	RRCX088005SB		52.4	47.6	5	2.1	2 x 2 1/8" x 3.55 K65 1 1/2" GAS x 3 INOX	2 x 1 5/8" x 2.7 K65 1 1/4" GAS x 3 INOX	1063	82	138507	8635	1265.0
	RRCX088005AB		43.9	39.2							107603	7506	1168.2
	RRCX088005NB		38.9	34.3							84290	6482	1151.4






TABELLA RESE MODELLI Ø800 - Ø800 MODELS PERFORMANCE TABLE

REFRIGERATION CAPACITIES											
MODEL		EC FAN MOTORS	MAX SPEED	ABSORPTION		"A" CONDITIONS		"B" CONDITIONS		"C" CONDITIONS	
		no. X Ø	[rpm]	[Watt]	[A]	2K APPROACH [kW]	3K APPROACH [kW]	2K APPROACH [kW]	3K APPROACH [kW]	2K APPROACH [kW]	3K APPROACH [kW]
	RRCX028004SB	2x800	925	3700	5.70	97.67	108.84	99.02	112.10	101.15	116.18
	RRCX028004AB		735	1670	2.80	85.28	94.92	86.49	97.68	88.45	101.22
	RRCX028004NB		600	880	3.80	75.75	83.77	76.77	86.59	78.12	89.31
	RRCX028005SB		925	3700	5.70	113.25	125.79	114.89	129.64	117.85	134.86
	RRCX028005AB		735	1670	2.80	98.36	108.94	99.87	112.36	102.45	116.79
	RRCX028005NB		600	880	3.80	85.87	94.84	86.82	97.41	88.83	100.95
	RRCX038004SB	3x800	925	5550	8.55	146.85	163.63	148.77	168.49	152.05	174.62
	RRCX038004AB		735	2505	4.20	128.72	142.66	129.92	146.79	132.87	152.06
	RRCX038004NB		600	1320	5.70	113.61	126.12	115.14	129.93	117.32	134.02
	RRCX038005SB		925	5550	8.55	177.91	196.83	180.67	202.56	184.94	210.38
	RRCX038005AB		735	2505	4.20	154.54	169.95	157.64	176.03	160.48	181.95
	RRCX038005NB		600	1320	5.70	134.80	147.29	136.88	152.02	140.16	157.75
	RRCX048004SB	4x800	925	7400	11.40	194.65	217.93	198.18	224.45	202.41	232.57
	RRCX048004AB		735	3340	5.60	171.24	189.84	172.86	195.33	176.80	202.34
	RRCX048004NB		600	1760	7.60	151.13	167.81	153.34	172.88	155.90	178.27
	RRCX048005SB		925	7400	11.40	226.13	251.37	229.43	259.08	235.57	269.57
	RRCX048005AB		735	3340	5.60	196.08	217.35	199.07	224.16	204.25	233.06
	RRCX048005NB		600	1760	7.60	170.95	188.82	172.83	194.08	176.83	201.13
	RRCX048004SBW	4x800(2+2)	925	7400	11.40	186.07	207.50	189.41	214.00	193.50	222.25
	RRCX048004ABW		735	3340	5.60	163.51	181.94	165.65	187.77	170.02	194.01
	RRCX048004NBW		600	1760	7.60	144.73	160.67	146.29	165.61	149.36	171.50
	RRCX048005SBW		925	7400	11.40	223.17	246.56	226.54	254.22	229.89	262.52
	RRCX048005ABW		735	3340	5.60	193.46	213.88	196.86	220.52	201.54	228.88
	RRCX048005NBW		600	1760	7.60	168.22	185.01	170.74	189.52	174.66	197.89
	RRCX068004SB	6x800	925	11100	17.10	278.71	311.06	283.80	320.91	289.94	333.12
	RRCX068004AB		735	5010	8.40	244.56	272.32	247.89	280.60	254.32	290.36
	RRCX068004NB		600	2640	11.40	216.11	240.10	218.45	246.62	223.84	256.26
	RRCX068005SB		925	11100	17.10	341.72	375.53	346.00	389.16	354.21	403.13
	RRCX068005AB		735	5010	8.40	296.08	325.65	302.08	337.53	308.04	348.90
	RRCX068005NB		600	2640	11.40	256.72	281.61	261.87	290.85	267.83	301.76
	RRCX088004SB	8x800	925	14800	22.80	371.67	414.69	378.38	426.96	386.57	444.25
	RRCX088004AB		735	6680	11.20	327.56	364.48	330.55	374.83	339.19	387.18
	RRCX088004NB		600	3520	15.20	287.26	319.15	291.35	328.75	298.46	341.68
	RRCX088005SB		925	14800	22.80	434.24	480.56	438.22	495.19	448.21	515.08
	RRCX088005AB		735	6680	11.20	375.57	415.92	380.57	428.67	390.72	445.84
	RRCX088005NB		600	3520	15.20	324.97	360.22	329.26	370.02	337.03	383.51

CONDIZIONI DI CALCOLO DATI DI RESA

(vedi pagina 6) Per condizioni diverse contattare il nostro ufficio tecnico.

CONDITIONS OF CAPACITY CALCULATION DATA

(see page 6) For different conditions, please contact our technical department.

LEISTUNGSANGABEN

(s. Seite 6) Bei abweichenden Bedingungen wenden Sie sich an unser technisches Büro.

CONDITIONS DE CALCUL DES DONNÉES DE FONCTIONNEMENT

(voir page 6) Pour des conditions différentes, contactez notre bureau technique.

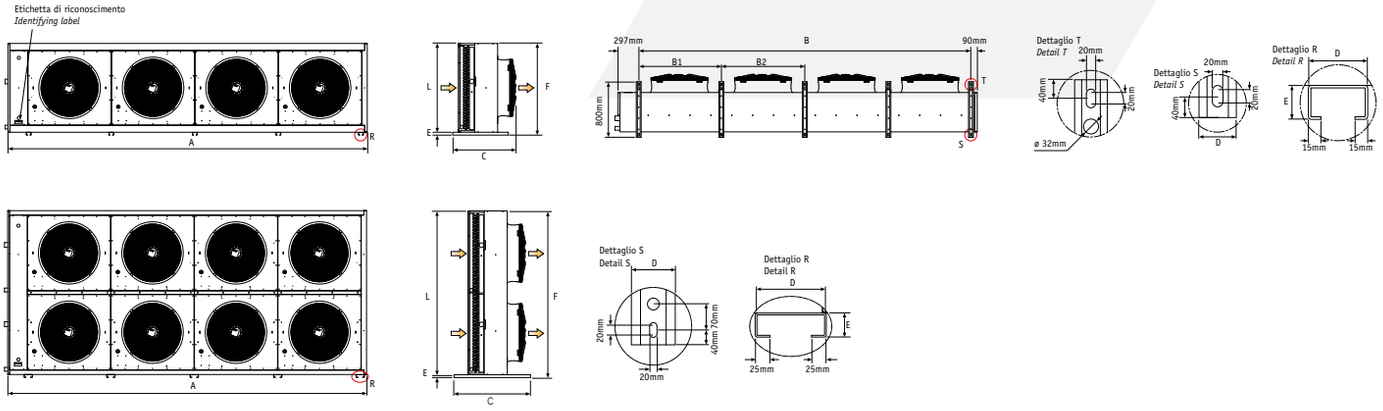
CONDICIONES DE CÁLCULO DE LA POTENCIA FRIGORÍFICA

(ver pág. 6) Para condiciones distintas de las indicadas, contactar con nuestro departamento Técnico.

99220361 CAT REV 02_07/21

CARATTERISTICHE COSTRUTTIVE - INSTALLAZIONE ORIZZONTALE
MANUFACTURING FEATURES - HORIZONTAL INSTALLATION

GAS COOLER	DIMENSIONS								
	A (mm)	B (mm)	B1 (mm)	B2 (mm)	C (mm)	D (mm)	E (mm)	F (mm)	L (mm)
RRCX02800	2760	2373	-	-	906	70	40	1315	1275
RRCX03800	3960	3573	1186.5	1200	906				
RRCX04800	5160	4773			906				
RRCX04800_W	2760	2373		-	1100	120		2365	2325
RRCX06800	3960	3573		1200	1100				
RRCX08800	5160	4773			1100				

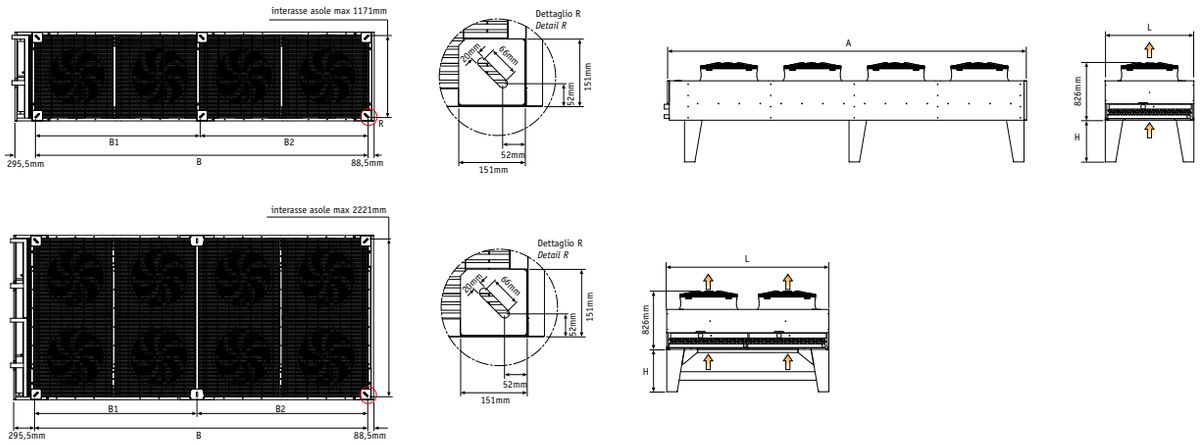


CARATTERISTICHE COSTRUTTIVE - INSTALLAZIONE VERTICALE
MANUFACTURING FEATURES - VERTICAL INSTALLATION

GAS COOLER	DIMENSIONS				
	A (mm)	B (mm)	B1 (mm)	B2 (mm)	L (mm)
RRCX02800	2760	2376	-	-	1275
RRCX03800	3960	3576			
RRCX04800	5160	4776	2364.5	2411.5	
RRCX04800_W	2760	2376	-	-	2325
RRCX06800	3960	3376	1132.5	2443.5	
RRCX08800	5160	4776	2332.5		

OPTIONAL - GAMBE DI SUPPORTO
OPTIONAL - SUPPORT LEGS

REFERENCE	MODEL	HEIGHT	WEIGHT
		[mm]	[kg]
RRCX0280	RRC0180KV06	600	22.2
RRCX0380			
RRCX0480	RRC0480KV06		33.2
RRCX0480_W	RRC0480KV06W		34.2
RRCX0680	RRC0680KV06		59.3
RRCX0880	RRC0880KV06		62.1



RRCX Ø 1000 - CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

MODEL		EC FAN MOTORS	NOISE LEVEL		ROWS	FIN SPACING	PIPING		CIRCUIT SURFACE	CIRCUIT VOLUME	AIR FLOW	CO_2 FLOW	NET WEIGHT
		no. X Ø	MAX SPEED dist =10m (dbA)	AVERAGE 24h dist =10m (dbA)			INLET Ø x thickness [In x mm]	OUTLET Ø x thickness [In x mm]	[m^2]	[liters]	MAX SPEED [m^3/h]	MAX SPEED [Kg/h]	[Kg]
	RRCX061004SB	6x1000 (3+3)	56.6	52.1	4	2.1	2 x 1 5/8" x 2.7 K65 1 1/4" GAS x 3 INOX	2 x 1 3/8" x 2.3 K65 1" GAS x 2 INOX	1063	82	172761	9432	1356
	RRCX061005SB		56.6	52.1	5	2.1	2 x 2 1/8" x 3.55 K65 1 1/2" GAS x 3 INOX	2 x 1 5/8" x 2.7 K65 1 1/4" GAS x 3 INOX	1329	102.5	165251	10920	1465

99220361 CAT REV 02_07/21

DATI TECNICI E TABELLA RESE MODELLI Ø1000 - Ø1000 MODELS TECHNICAL DATA AND PERFORMANCE

REFRIGERATION CAPACITIES											
MODEL		EC FAN MOTORS	MAX SPEED	ABSORPTION		"A" CONDITIONS		"B" CONDITIONS		"C" CONDITIONS	
		no. X Ø	[rpm]	[Watt]	[A]	2K APPROACH [kW]	3K APPROACH [kW]	2K APPROACH [kW]	3K APPROACH [kW]	2K APPROACH [kW]	3K APPROACH [kW]
	RRCX061004SB	6x1000 (3+3)	925	15000	19.2	471.38	521.89	479.79	538.39	491.44	561.13
	RRCX061005SB		735	15000	19.2	549.90	606.22	557.79	625.99	570.87	649.82

CONDIZIONI DI CALCOLO DATI DI RESA

(vedi pagina 6) Per condizioni diverse contattare il nostro ufficio tecnico.

CONDITIONS OF CAPACITY CALCULATION DATA

(see page 6) For different conditions, please contact our technical department.

LEISTUNGSANGABEN

(s. Seite 6) Bei abweichenden Bedingungen wenden Sie sich an unser technisches Büro.

CONDITIONS DE CALCUL DES DONNÉES DE FONCTIONNEMENT

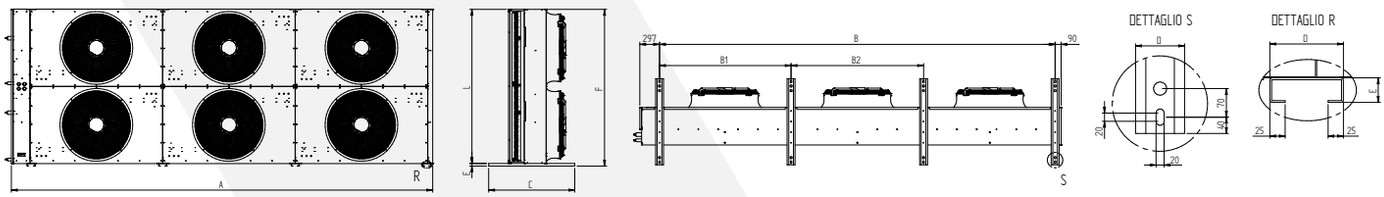
(voir page 6) Pour des conditions différentes, contactez notre bureau technique.

CONDICIONES DE CÁLCULO DE LA POTENCIA FRIGORÍFICA

(ver pág. 6) Para condiciones distintas de las indicadas, contactar con nuestro departamento Técnico.

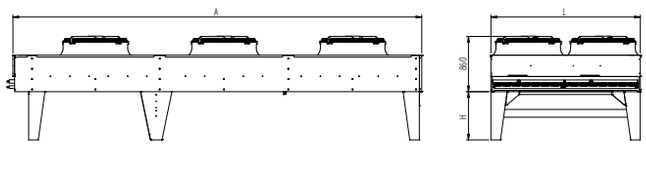
CARATTERISTICHE COSTRUTTIVE - INSTALLAZIONE ORIZZONTALE
MANUFACTURING FEATURES - HORIZONTAL INSTALLATION

GAS COOLER	DIMENSIONS							
	A (mm)	B (mm)	B1 (mm)	B2 (mm)	C (mm)	D (mm)	E (mm)	F (mm)
RRCX06100	6360	5973	1986.5	2000	1300	120	40	2365



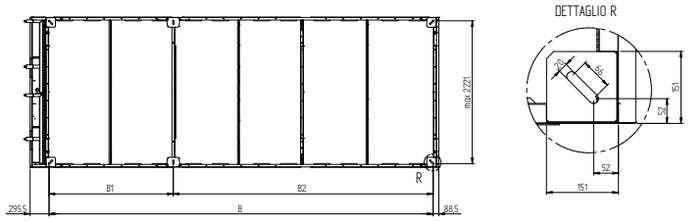
CARATTERISTICHE COSTRUTTIVE - INSTALLAZIONE VERTICALE
MANUFACTURING FEATURES - VERTICAL INSTALLATION

GAS COOLER	DIMENSIONS				
	A (mm)	B (mm)	B1 (mm)	B2 (mm)	L (mm)
RRCX06100	6360	5976	1932.5	4043.5	2430



OPTIONAL - GAMBE DI SUPPORTO
OPTIONAL - SUPPORT LEGS

REFERENCE	MODEL	HEIGHT	WEIGHT
		[mm]	[kg]
RRCX06100	RRC0610KV07	750	66.6

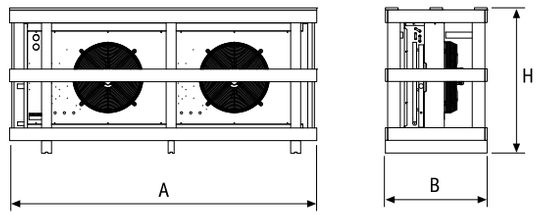


IMBALLO GAS COOLER
GAS COOLER PACKAGE

PACKAGE REF	WEIGHT (Kg)	DIMENSIONS			
		A (mm)	B (mm)	H (mm)	TYPE REF
RRCX01500	36.5	1359	765	1092	1
RRCX02500	55.5	2309	765	1092	1
RRCX03500	77.2	3259	765	1092	1
RRCX04500	31	2275	835	1805	2
RRCX01630	45.9	1540	915	1420	1
RRCX02630	72.1	2640	915	1420	1
RRCX03630	128.4	3740	915	1420	1
RRCX04630	161.3	4840	915	1420	1
RRCX02800	95.1	2960	1125	1580	1
RRCX03800	147.6	4160	1125	1580	1
RRCX04800	187	5360	1125	1580	1
RRCX04800_W	47	3000	1120	2559	2
RRCX06800	76	4200	1120	2559	2
RRCX08800	97	5400	1120	2559	2
RRCX06100	178	6600	1315	2559	2

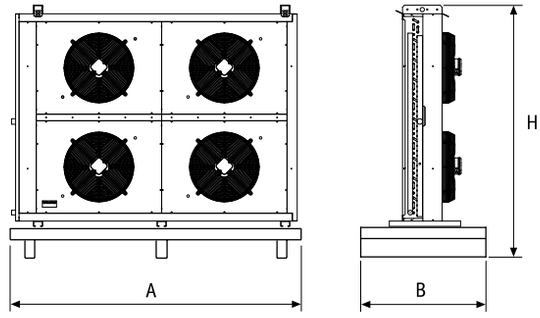
GABBIA IN LEGNO / WOODEN CRATE

1



PALLET DI LEGNO / WOODEN PALLET

2



99220361 CAT REV 02_07/21

CALCOLI DI RUMOROSITÀ

Il livello di pressione sonora Lp a 10metri di distanza dalla sorgente sonora, indicato a catalogo, è calcolato partendo dal livello di potenza sonora tramite l'utilizzo della seguente formula :Lp = Lw - 10 x Lg [Sd/So]

DOVE:
Lp: Livello di pressione sonora medio dell'apparecchio su una superfice parallelepipeda
Lw: Livello di potenza sonora dell'apparecchio
So: Superfice di riferimento pari a 1 m^2
Sd: Superfice del parallelepipedo alla distanza di 10 m

Il livello di pressione sonora Lp indicato su questo catalogo rappresenta il valore medio su di una superfice parallelepipeda costruita attorno all'apparecchio stesso, in campo libero con una superficie riflettente.

(rif. EN 13487).

NOISE LEVEL CALCULATIONS

The value printed in the present catalogue relevant to the sound pressure level Lp at 10 m distance from the sound source has been calculated starting from the Lw value, sound power level by using the following calculation formula: Lp = Lw - 10 x Lg [Sd/So]

WHICH ARE:
Lp: Mean sound pressure level of the unit on a parallelepiped surface
Lw: Power sound level of the unit
So: Reference surface taken into account 1 m^2
Sd: Parallelepiped surface at a 10 m distance

The pressure sound level considered in the present catalogue represent the mean value on a parallelepiped surface surrounding the units at 10m distance from any side of the unit it self on a free field with a reflecting surface.

(Ref EN 13487).

BERECHNUNG DES GERÄUSCHPEGELS

Der im Katalog angegebene Schalldruckpegel Lp bei einer Entefernung von 10 m von der Schallquelle wird ausgehend vom Schallleistungspegel nach folgender Formel berechnet: Lp = Lw - 10 x Lg [Sd/So]

WELCHE SIND:
Lp: Durchschnittlicher Schalldruckpegel des Geräts auf einer Parallelepiped-Oberfläche
Lw: Schallleistungspegel des Geräts
So: Referenzfläche gleich 1m^2
Sd: Oberfläche des Parallelepipeds bei einer Entfernung von 10 m

Der im Katalog angegebene Schalldruckpegel Lp zeigt den Durchsnittswert auf einer Parallelepiped-Oberfläche, die um das Gerät herum und im freien Feld mit einer reflektierenden Oberfläche aufgebaut ist.

(Ref EN 13487).

CALCUL DE NIVEAU SONORE

La valeur imprimée dans le présent catalogue concernant le niveau de pression acoustique Lp à 10 m de distance de la source sonore a été calculée à partir de la valeur Lw, niveau de puissance acoustique en utilisant la formule de calcul suivante: Lp = Lw - 10 x Lg [Sd /Donc]

QUI SONT:
Lp: Niveau de pression acoustique moyen de l'unité sur un surface parallélépipédique
Lw: niveau sonore de puissance de l'unité
So: Surface de référence prise en compte 1 m2
Sd: surface parallélépipédique à 10 m de distance

Le niveau de pression acoustique considéré dans le présent catalogue représente la valeur moyenne sur une surface parallélépipédique entourant les unités à 10 m de distance de tout côté de l'unité elle-même sur un champ libre avec une surface réfléchissante.

(Réf EN 13487).

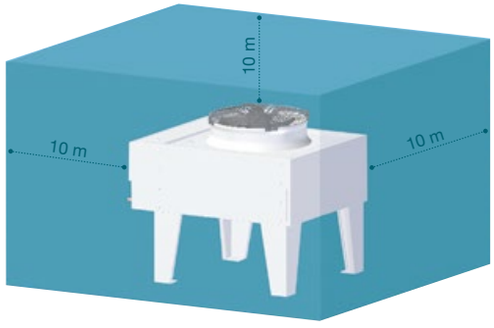
CÁLCULO DE NIVEL SONORO

El nivel de presión sonora Lp indicado en el cátalogo a 10 metros de distancia de la fuente sonora ha sido calculado partiendo del nivel de potencia sonora mediante la siguiente fórmula: Lp = Lw - 10 x Lg [Sd/So]

DONDE:
Lp: nivel medio de presión sonora en una superficie paralelepípeda
Lw: Potencia sonora de la unidad
So: Superficie de referencia de 1m2
Sd: Superficie paralelepípeda a 10 metros de distancia

El nivel de presión sonora considerado en el presente catálogo representa el valor medio en una superfície paralelepípeda construida entorno a los 10 metros de distancia de cualquier lado de la unidad, en un campo libre con una superficie reflectante

(Ref EN 13487).



DISTANCE	1 m	5 m	10 m	15 m
dbA	15	5	0	-3