

CONDENSATORI AD ARIA
Air cooled condensers
500_630_800



RIVACOLD

Index RRC

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RRC Air cooled condensers

Caratteristiche generali

I condensatori della serie RRC sono stati studiati per soddisfare numerose applicazioni nei settori della refrigerazione e del condizionamento.

Ideati per l'esterno, la versatilità della gamma permette l'installazione dello stesso modello sia con flusso d'aria orizzontale (standard) che con flusso d'aria verticale, con l'utilizzo delle gambe di sostegno (optional).

Gli scambiatori ad elevata efficienza che equipaggiano l'intera serie sono realizzati con alette in alluminio dal profilo "PIRAMIDALE" e tubi di rame con rigatura interna.

Gli RRC si dividono in 3 diverse gamme a seconda del diametro dei motoventilatori:

500 mm (resa nominale a DT 15 da 10,4 kW a 141 kW),

630 mm (resa nominale a DT 15 da 12,9 kW a 421 kW),

800 mm (resa nominale a DT 15 da 21,1 kW a 470 kW).

I motoventilatori assiali a rotore esterno impiegati hanno le seguenti caratteristiche:

- diametro 500: da 1,2,3,4,6, motoventilatori (4,6,8 poli)

- diametro 630: da 1,2,3,4,6,8 motoventilatori (4,6,8,12 poli)

- diametro 800: da 1,2,3,4,6,8 motoventilatori (6,8,12 poli)

I motoventilatori in uso ad alta efficienza combinano eccellenti prestazioni di bassa rumorosità e bassi consumi energetici.

Optional - *Optional items*

- Kit gambe di sostegno (versione flusso d'aria verticale)
Legs assemblies for vertical air flow version
- Piedini antivibranti su condensatore con flusso d'aria verticale
Vibration mounts on condenser with vertical air flow
- Batteria verniciata (polvere epossidica grigio RAL 7035)
Varnished coil (epoxy powder RAL 7035 grey)
- Passo alette diverso - *Different fin spacing*
- Batteria con aletta vinilica - *Vinyl coated aluminium fin coil*
- Multi collettori (tutti i modelli sono realizzabili per essere alimentati da più impianti frigoriferi utilizzando un unico condensatore)
Multi-sectioning (all models can be manufactured for being connected to more than one refrigerating system to operate with a single condenser)
- Sezionatore su ogni ventola
Disconnecting switch on each fan-motor
- Motoventilatori elettronici - *EC fan motors*
- Regolatori elettronici di velocità - *Electronic speed regulators*
- Cablaggio su morsettiera - *Terminal board wiring*
- Quadro elettrico base - *Standard electrical panel*
- Voltaggio diverso - *Different voltage*

General features

The condensers from the RRC range have been designed to satisfy several applications in the refrigeration and air conditioning sector.

Manufactured for being installed outside, RRC can have either horizontal air flow (standard feature) or vertical air flow, by coupling the supporting legs assemblies (optional items).

The high-efficiency heat exchangers fitted in the whole range are manufactured with aluminium fins with "PIRAMID" profile and internally grooved copper tubes.

RRC can be divided in 3 different ranges according to their fan-motors diameter:

500 mm (rated capacity at DT 15 from 10,4 kW to 141 kW),

630 mm (rated capacity at DT 15 from 12,9 kW to 421 kW),

800 mm (rated capacity at DT 15 from 21,1 kW to 470 kW).

The axial external rotor fan-motors in use have the following features:

- 500 diameter: with 1,2,3,4,6 fan-motors (4,6,8 poles)

- 630 diameter: with 1,2,3,4,6,8 fan-motors (4,6,8,12 poles)

- 800 diameter: with 1,2,3,4,6,8 fan-motors (6,8,12 poles).

The high efficient fan-motors in use combine excellent performance of low noise levels and low energy consumption.



lato collegamento frigorifero
pipe connection side

Manufacturing features

Batteria

La batteria è costruita con alette dal profilo piramidale in alluminio, tubo in rame da 12 mm con la rigatura interna, geometria 37,5 x 32,5 e passo alette 2,1 mm.

La struttura delle spalle della batteria è in alluminio (diametro 500 1 e 2 file, diametro 630 1 fila) o combinazione alluminio e lamiera (diametro 630 2 file, diametro 800 1 e 2 file).

Tutte le batterie vengono sottoposte a collaudo con azoto ad una pressione di 30 bar e caricate in pressione di azoto per la spedizione.

Motovelivatore

Il motovelivatore utilizzato ha le seguenti caratteristiche:

- rotore esterno
- doppia velocità (collegamento delta e star)
- alimentazione 400/3/50Hz (433/3/60Hz, e 480/3/60Hz dove disponibile)
- grado di protezione IP 54
- classe di isolamento F
- protezione termica
- temperatura di funzionamento da -40°C a +65°C
- griglia in acciaio trattato con vernice epossidica
- i motovelivatori vengono forniti non cablati

Carenatura

La carenatura è realizzata in lamiera elettrozincata con verniciatura a polvere grigio RAL 7035.

All'interno della struttura, ogni singola ventola è separata singolarmente con divisori che ne impediscono il riflusso dell'aria.

Coil

The coil is made with aluminium fins with pyramid profile, 12 mm internally grooved copper tube, 37,5 x 32,5 geometry and 2,1 mm fin spacing.

The coils and frame is made of aluminium (500 mm models 1 and 2 banks of fans, 630 mm models 1 banks of fans) or combined aluminium and metal sheet (630 mm models 2 banks of fans, 800 mm models 1 and 2 banks of fans).

All coils are fully leak tested by nitrogen at a pressure of 30 bars and charged under nitrogen pressure for shipment.

Fan motor

The fan-motor in use has the following features:

- external rotor
- double speed (delta and star connection)
- 400/3/50Hz voltage (400/3/60Hz and 480/3/60Hz when provided)
- IP 54 protection rate
- F insulation class
- thermal protection
- operating temperature from -40°C to +65°C
- metal fan-guard varnished by epoxy powder
- fan-motors are supplied without wiring

Casework

The casework is made of galvanized steel sheet coated by epoxy powder RAL 7035 grey finish.

Within the coil casework each fan chamber is separated by internal plates to prevent windmilling of off-cycle fans.

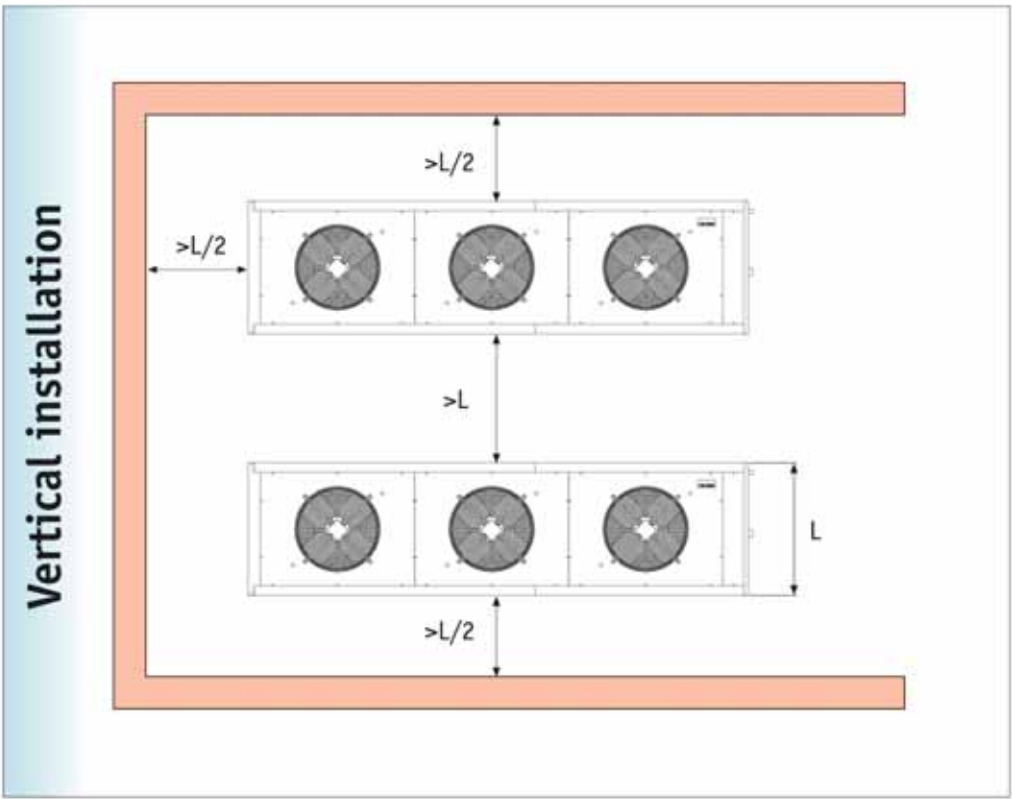
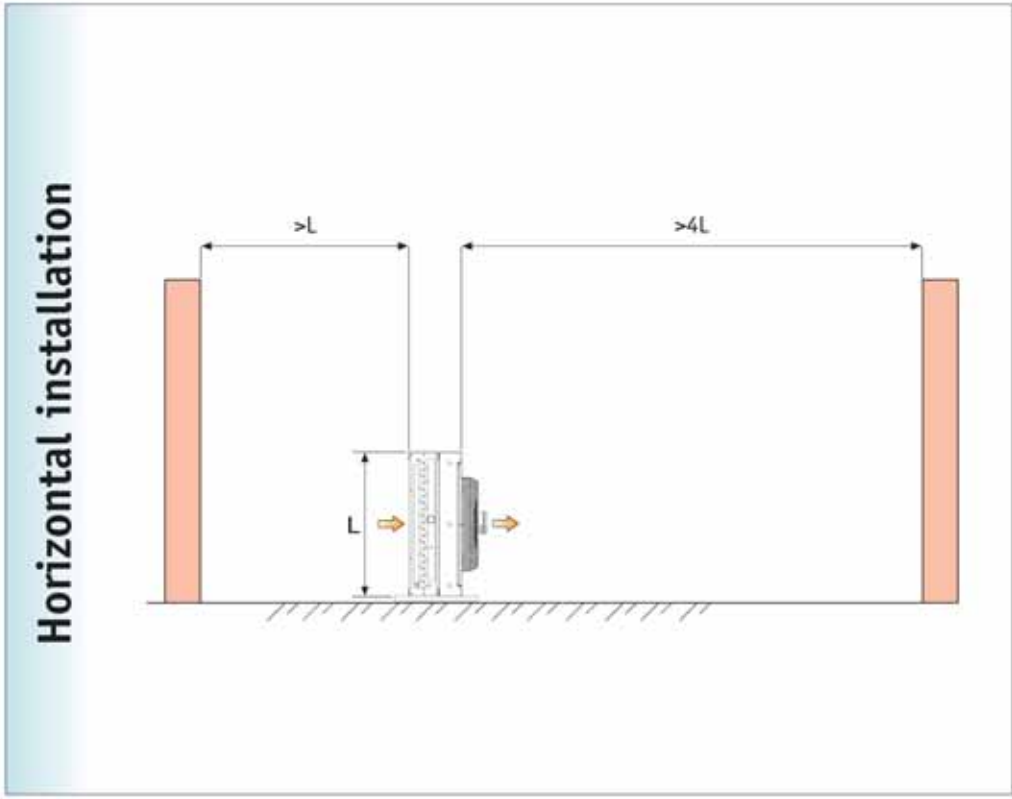


Tabella / Table

(A)	RRC015002V RRC015002S RRC015002A RRC015003V RRC015003S RRC015003A
(B)	RRC025002V RRC025002S RRC025002A RRC025003V RRC025003S RRC025003A
(C)	RRC035002V RRC035002S RRC035002A RRC035003V RRC035003S RRC035003A



500 Ø

RRC

Tabella / Table

(D) RRC045002V
RRC045002S
RRC045002A
RRC045003V
RRC045003S
RRC045003A

(E) RRC065002V
RRC065002S
RRC065002A
RRC065003V
RRC065003S
RRC065003A



(D)



(E)

Technical features

Modello Model	Numero ventilatori Fan motors number	Tipo di collegamento Wiring type	RPM	LpA 10m dB(A)	Superficie Surface m ²	V.Circuito V.circuit dm ³	Portata d'aria Air flow		Potenza frigorifera Refrigerating output kW		Assorbimento motori (*) Motor power consumption		Peso netto Net weight kg
							m ³ /h	ΔT 15	ΔT 10	W	A		
RRC015002V	1	DELTA STAR	1350 1100	40,0 36,0	40,5	4,8	7967,0	18,6	12,4	690	1,34	74,20	
RRC015002S	1	DELTA STAR	930 800	31,5 29,0			5327,5	14,9	9,9	270	0,69		72,40
RRC015002A	1	DELTA STAR	665 525	25,0 23,0			4767,5	13,9	9,3	190	0,40		
RRC015003V	1	DELTA STAR	1350 1100	40,0 36,0	60,7	7,2	7486,0	23,5	15,7	690	1,34	80,55	
RRC015003S	1	DELTA STAR	930 800	31,5 29,0			5017,5	18,1	12,1	270	0,69		78,75
RRC015003A	1	DELTA STAR	665 525	25,0 23,0			4380,0	16,4	10,9	190	0,40		
RRC025002V	2	DELTA STAR	1350 1100	42,5 39,0	81,0	9,3	15934,5	37,8	25,2	1380	2,68	129,50	
RRC025002S	2	DELTA STAR	930 800	34,5 32,0			13597,0	34,7	23,1	960	1,62		125,90
RRC025002A	2	DELTA STAR	665 525	28,0 24,5			10655,0	30,2	20,1	540	1,38		
RRC025003V	2	DELTA STAR	1350 1100	42,5 39,0	121,0	14,0	7555,0	24,4	16,3	260	0,62	125,50	
RRC025003S	2	DELTA STAR	930 800	34,5 32,0			6087,5	21,1	14,1	160	0,30		142,10
RRC025003A	2	DELTA STAR	665 525	28,0 24,5			14972,0	47,1	31,4	1380	2,68		
RRC035002V	3	DELTA STAR	1350 1100	44,5 40,5	121,0	13,8	10035,0	36,3	24,2	540	1,38	138,50	
RRC035002S	3	DELTA STAR	930 800	36,0 33,5			8760,0	33,0	22,0	380	0,80		138,10
RRC035002A	3	DELTA STAR	665 525	29,5 26,5			6945,0	27,8	18,5	260	0,62		
RRC035003V	3	DELTA STAR	1350 1100	44,5 40,5	182,0	20,8	5537,5	23,3	15,5	160	0,30	186,50	
RRC035003S	3	DELTA STAR	930 800	36,0 33,5			23902,0	56,3	37,5	2070	4,02		181,10
RRC035003A	3	DELTA STAR	665 525	29,5 26,5			20395,5	51,7	34,5	1440	2,43		
RRC045002V	4	DELTA STAR	1350 1100	45,5 42,0	162,0	18,7	11332,5	36,3	24,2	390	0,93	180,50	
RRC045002S	4	DELTA STAR	930 800	37,5 35,0			9131,5	31,5	21,0	240	0,45		205,40
RRC045002A	4	DELTA STAR	665 525	31,0 27,5			22458,0	70,7	47,1	2070	4,02		
RRC045003V	4	DELTA STAR	1350 1100	45,5 42,0	243,0	28,0	15052,5	54,5	36,3	810	2,07	200,00	
RRC045003S	4	DELTA STAR	930 800	37,5 35,0			13140,0	49,5	33,0	570	1,20		199,40
RRC045003A	4	DELTA STAR	665 525	31,0 27,5			10417,5	41,7	27,8	390	0,93		
RRC065002V	6	DELTA STAR	1350 1100	47,5 43,5	243,0	27,7	8306,5	34,9	23,3	240	0,45	234,80	
RRC065002S	6	DELTA STAR	930 800	39,0 36,5			31869,0	75,6	50,4	2760	5,36		227,60
RRC065002A	6	DELTA STAR	665 525	31,0 27,5			27194,0	69,4	46,3	1920	3,24		
RRC065003V	6	DELTA STAR	1350 1100	47,5 43,5	364,0	41,6	15110,0	48,8	32,5	520	1,24	226,80	
RRC065003S	6	DELTA STAR	930 800	39,0 36,5			12175,0	42,3	28,2	320	0,60		259,80
RRC065003A	6	DELTA STAR	665 525	31,0 27,5			29944,0	94,2	62,8	2760	5,36		
RRC065002V	6	DELTA STAR	1350 1100	47,5 43,5	364,0	41,6	11075,0	46,6	31,1	320	0,60	251,80	
RRC065002S	6	DELTA STAR	930 800	39,0 36,5			20070,0	72,6	48,4	1080	2,76		252,60
RRC065002A	6	DELTA STAR	665 525	32,5 29,0			17520,0	66,0	44,0	760	1,60		
RRC065003V	6	DELTA STAR	1350 1100	47,5 43,5	364,0	41,6	13890,0	55,6	37,1	520	1,24	226,80	
RRC065003S	6	DELTA STAR	930 800	39,0 36,5			11075,0	46,6	31,1	320	0,60		251,80
RRC065003A	6	DELTA STAR	665 525	32,5 29,0			47803,5	113,0	75,3	4140	8,04		
RRC065002V	6	DELTA STAR	1350 1100	47,5 43,5	364,0	41,6	40791,0	103,0	68,7	2880	4,86	337,90	
RRC065002S	6	DELTA STAR	930 800	39,0 36,5			31965,0	90,0	60,0	1620	4,14		327,10
RRC065002A	6	DELTA STAR	665 525	32,5 29,0			28605,0	84,2	56,1	1140	2,40		
RRC065003V	6	DELTA STAR	1350 1100	47,5 43,5	364,0	41,6	22665,0	72,7	48,5	780	1,86	325,90	
RRC065003S	6	DELTA STAR	930 800	39,0 36,5			18262,5	62,9	41,9	480	0,90		375,20
RRC065003A	6	DELTA STAR	665 525	32,5 29,0			44916,0	141,0	94,0	4140	8,04		
RRC065002V	6	DELTA STAR	1350 1100	47,5 43,5	364,0	41,6	37650,0	127,0	84,7	2880	4,86	375,20	
RRC065002S	6	DELTA STAR	930 800	39,0 36,5			30105,0	109,0	72,7	1620	4,14		364,40
RRC065002A	6	DELTA STAR	665 525	32,5 29,0			26280,0	99,0	66,0	1140	2,40		
RRC065003V	6	DELTA STAR	1350 1100	47,5 43,5	364,0	41,6	20835,0	83,3	55,5	780	1,86	363,20	
RRC065003S	6	DELTA STAR	930 800	39,0 36,5			16612,5	69,8	46,5	480	0,90		363,20
RRC065003A	6	DELTA STAR	665 525	32,5 29,0									

(*) Alimentazione elettrica: motoventilatori 400V/3/50Hz
Power supply: fan motors 400/3/50Hz

Manufacturing features
Serie RRC / RRC Range

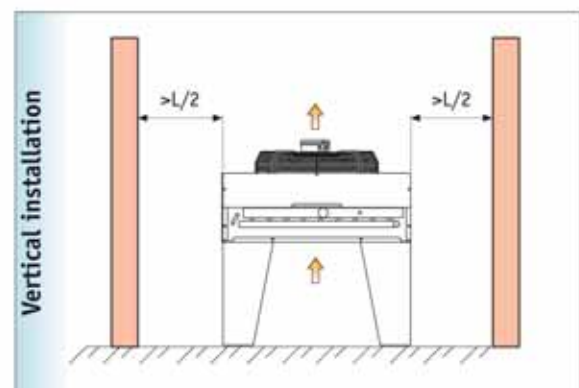
Modello Model	RRC	RRC015002V	RRC025002V	RRC035002V	RRC045002V	RRC065002V
		RRC015002S	RRC025002S	RRC035002S	RRC045002S	RRC065002S
		RRC015002A	RRC025002A	RRC035002A	RRC045002A	RRC065002A
		RRC015003V	RRC025003V	RRC035003V	RRC045003V	RRC065003V
		RRC015003S	RRC025003S	RRC035003S	RRC045003S	RRC065003S
		RRC015003A	RRC025003A	RRC035003A	RRC045003A	RRC065003A
Horizontal installation	A	1183	2133	3083	2133	3083
	B	923	1873	2823	1873	2823
	B1	-	-	936,5	936,5	936,5
	B2	-	-	-	-	950
	C	525	525	525	525	545
	D	60	60	60	70	70
	E	30	30	30	40	40
	F	849	849	849	1609	1609
L	819	819	819	1569	1569	
Attacchi Connections	∅ ingresso ∅ inlet (mm)	28	35	42	42	54
	∅ uscita ∅ outlet (mm)	22	28	28	35	42

Serie RRC / RRC Range

Modello Model	RRC	RRC015002V	RRC025002V	RRC035002V	RRC045002V	RRC065002V
		RRC015002S	RRC025002S	RRC035002S	RRC045002S	RRC065002S
		RRC015002A	RRC025002A	RRC035002A	RRC045002A	RRC065002A
		RRC015003V	RRC025003V	RRC035003V	RRC045003V	RRC065003V
		RRC015003S	RRC025003S	RRC035003S	RRC045003S	RRC065003S
		RRC015003A	RRC025003A	RRC035003A	RRC045003A	RRC065003A
Vertical installation	A	1183	2133	3083	2133	3083
	B	930	1880	2830	1880	2830
	B1	-	-	-	-	917
	D	-	-	-	-	-
	E	-	-	-	-	-
	F	-	-	-	-	-
	L	819	819	819	1569	1569
Attacchi Connections	∅ ingresso ∅ inlet (mm)	28	35	42	42	54
	∅ uscita ∅ outlet (mm)	22	28	28	35	42

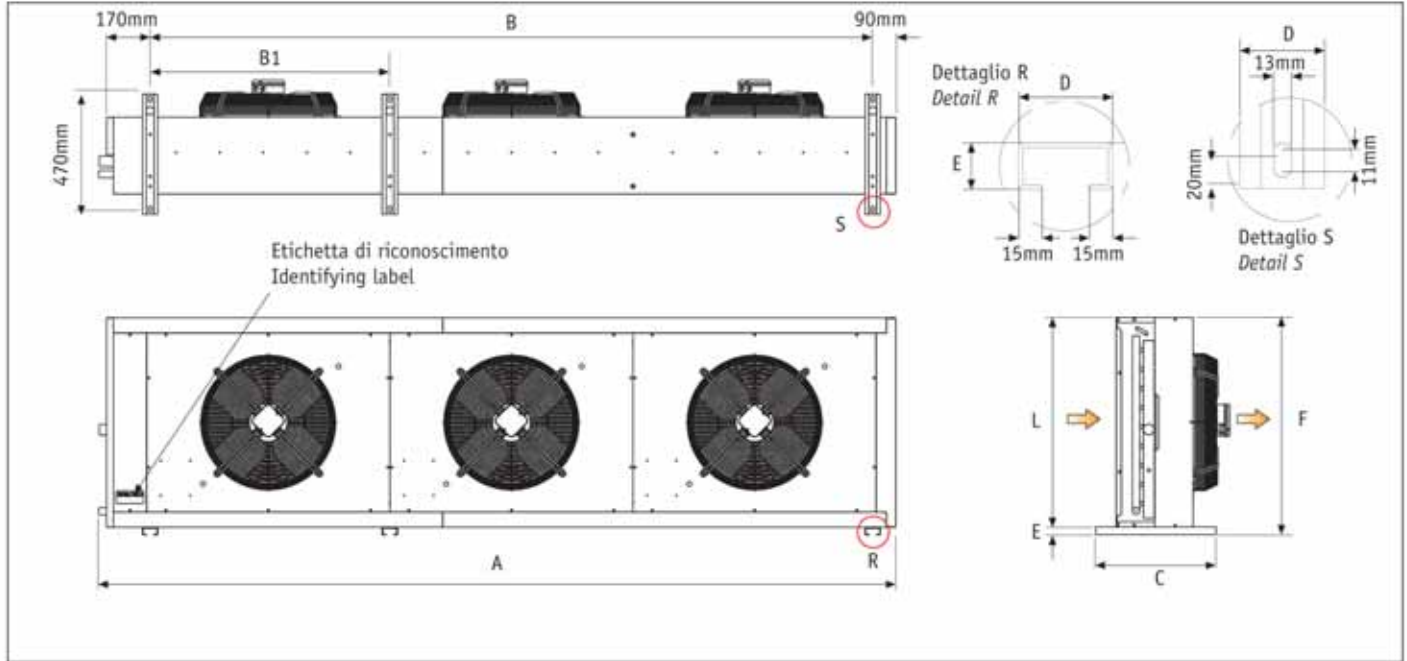
Riferimento gambe di supporto
Support legs reference

Vertical installation	Codice Code	Codice Code	H mm	Peso Weight kg
		RRC0150...	RRC0150KV05	450
	RRC0250...	RRC0150KV05	450	11,5
	RRC0350...	RRC0150KV05	450	11,5
	RRC0450...	RRC0150KV05	450	11,5
	RRC0650...	RRC0650KV05	450	17,2

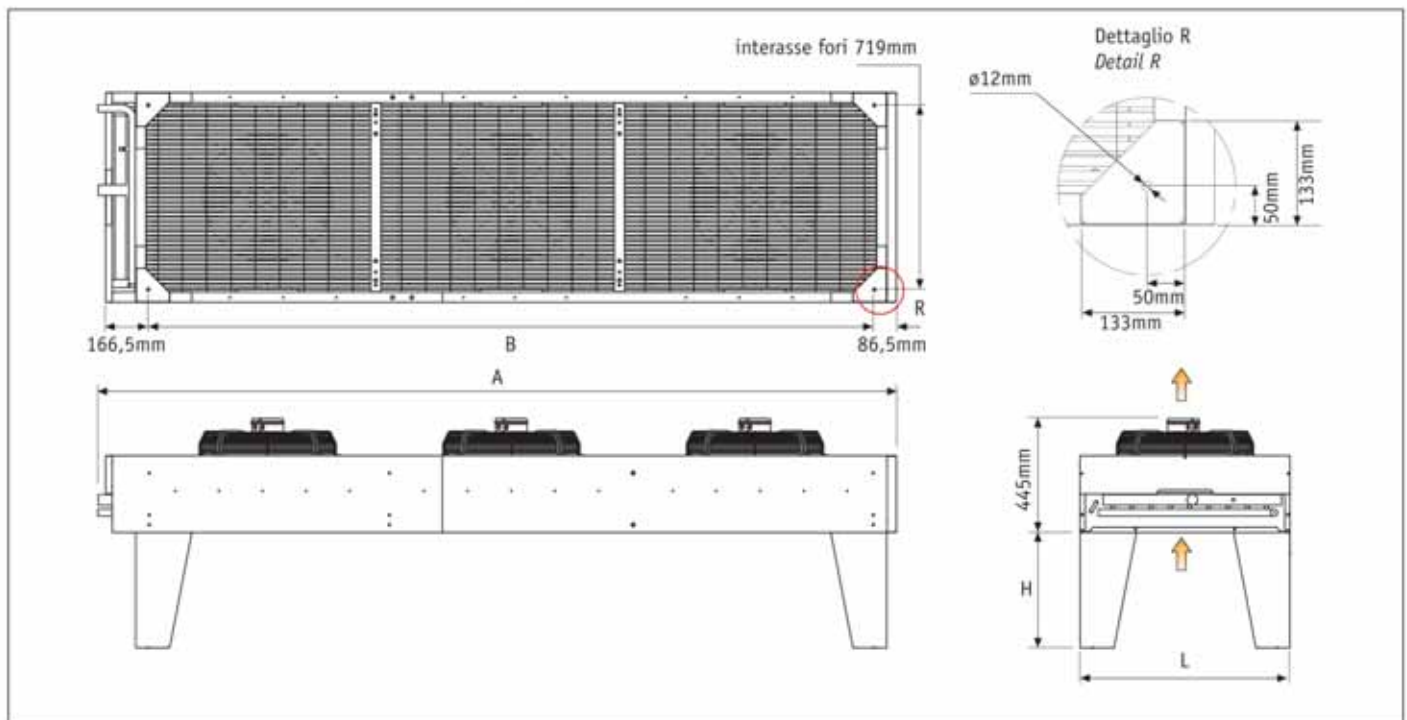


Manufacturing features

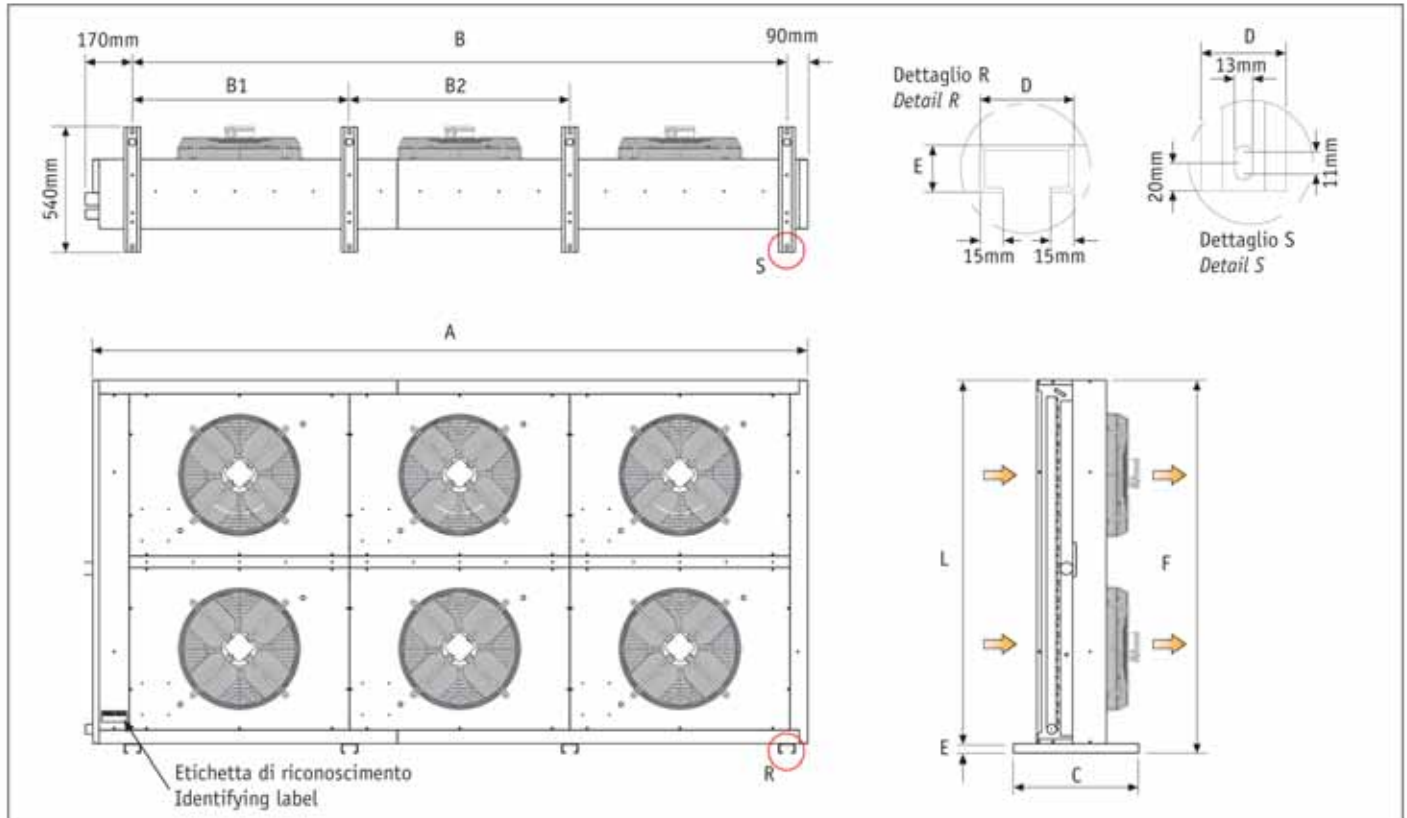
3 fans model - Horizontal installation



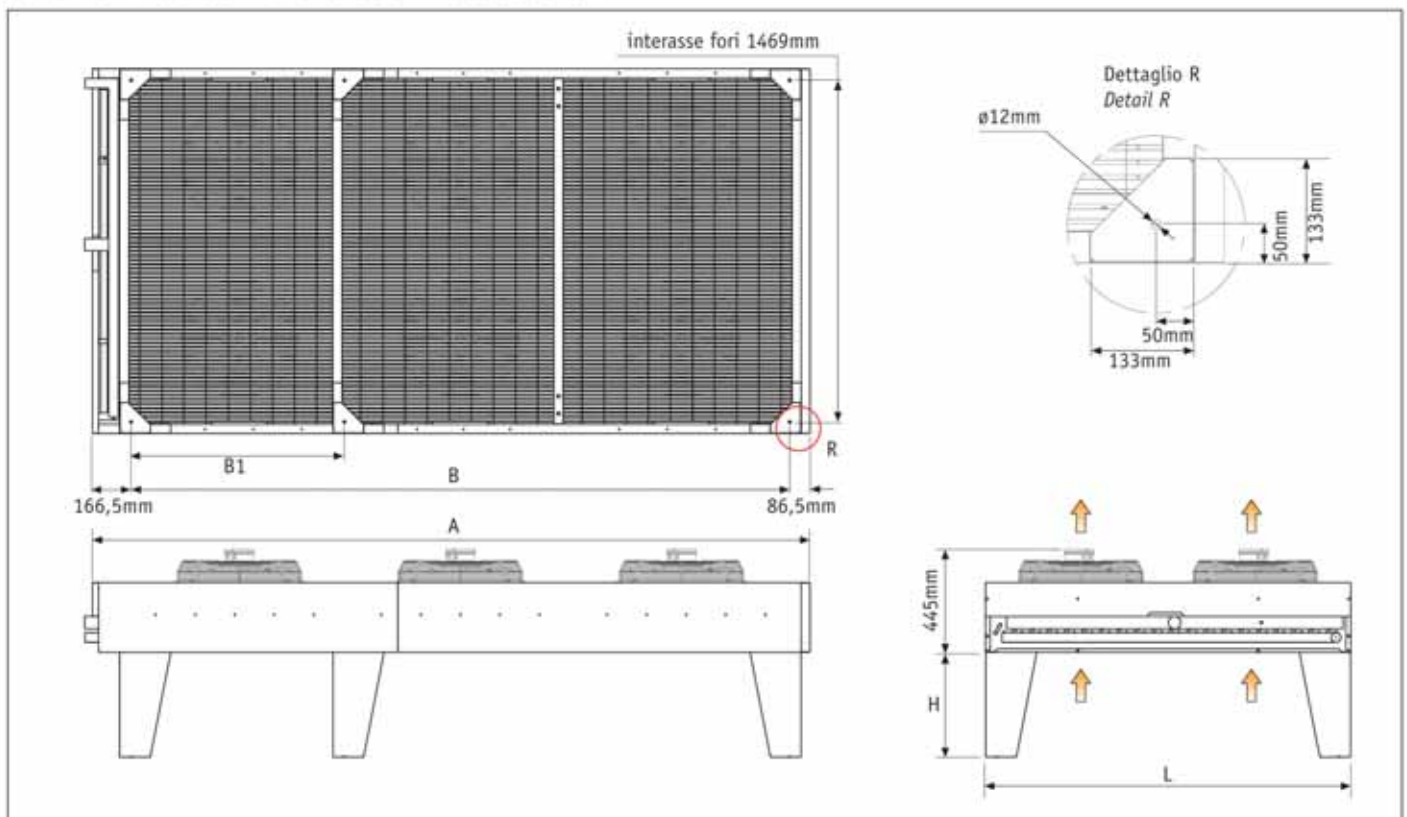
3 fans model - Vertical installation



6 fans model - Horizontal installation



6 fans model - Vertical installation





630 Ø

Tabella / Table

- (A) RRC016302V
RRC016302S
RRC016302A
RRC016302N
RRC016303V
RRC016303S
RRC016303A
RRC016303N
RRC016304V
RRC016304S
RRC016304A
RRC016304N

- (B) RRC026302V
RRC026302S
RRC026302A
RRC026302N
RRC026303V
RRC026303S
RRC026303A
RRC026303N
RRC026304V
RRC026304S
RRC026304A
RRC026304N

- (C) RRC036302V
RRC036302S
RRC036302A
RRC036302N
RRC036303V
RRC036303S
RRC036303A
RRC036303N
RRC036304V
RRC036304S
RRC036304A
RRC036304N

- (D) RRC046302V
RRC046302S
RRC046302A
RRC046302N
RRC046303V
RRC046303S
RRC046303A
RRC046303N
RRC046304V
RRC046304S
RRC046304A
RRC046304N



(A)



(B)



(C)



(D)

630 Ø

RRC

(E)



(F)



(G)


Tabella / Table

(E) RRC046302VW
 RRC046302SW
 RRC046302AW
 RRC046302NW
 RRC046303VW
 RRC046303SW
 RRC046303AW
 RRC046303NW
 RRC046304VW
 RRC046304SW
 RRC046304AW
 RRC046304NW

(F) RRC066302V
 RRC066302S
 RRC066302A
 RRC066302N
 RRC066303V
 RRC066303S
 RRC066303A
 RRC066303N
 RRC066304V
 RRC066304S
 RRC066304A
 RRC066304N

(G) RRC086302V
 RRC086302S
 RRC086302A
 RRC086302N
 RRC086303V
 RRC086303S
 RRC086303A
 RRC086303N
 RRC086304V
 RRC086304S
 RRC086304A
 RRC086304N

Technical features

Modello Model	Numero ventilatori Fan motors number	Tipo di collegamento Wiring type	RPM	LpA 10m dB(A)	Superficie Surface m ²	V.Circuito V.circuit dm ³	Portata d'aria Air flow		Potenza frigorifera Refrigerating output kW		Assorbimento motori (*) Motor power consumption		Peso netto Net weight kg
							m ³ /h	ΔT 15	ΔT 10	W	A		
RRC016302V	1	DELTA STAR	1320 1050	46,5 41,0	65,6	7,7	17881,0 14428,0	35,7 32,1	23,8 21,4	2630 1750	4,78 2,95	127,00	
RRC016302S	1	DELTA STAR	890 690	34,5 29,5			10026,5 8126,5	26,4 23,3	17,6 15,5	600 400	1,20 0,68		115,90
RRC016302A	1	DELTA STAR	660 520	29,0 24,0			7330,0 5913,0	21,9 19,1	14,6 12,7	330 190	0,83 0,39		
RRC016302N	1	DELTA STAR	420 310	23,0 23,0			4359,5 3365,5	15,5 12,9	10,3 8,6	110 60	0,27 0,12		
RRC016303V	1	DELTA STAR	1320 1050	46,5 41,0	98,5	11,6	16822,0 13118,5	46,2 40,0	30,8 26,7	2630 1750	4,78 2,95	136,20	
RRC016303S	1	DELTA STAR	890 690	34,5 29,5			9464,5 7558,5	32,5 27,9	21,7 18,6	600 400	1,20 0,68		125,10
RRC016303A	1	DELTA STAR	660 520	29,0 24,0			6906,5 5409,5	26,1 21,8	17,4 14,5	330 190	0,83 0,39		
RRC016303N	1	DELTA STAR	420 310	23,0 23,0			4092,0 3078,0	17,5 13,7	11,7 9,1	110 60	0,27 0,12		
RRC016304V	1	DELTA STAR	1320 1050	46,5 41,0	131,0	15,5	15762,5 12245,5	52,5 44,5	35,0 29,7	2630 1750	4,78 2,95	145,80	
RRC016304S	1	DELTA STAR	890 690	34,5 29,5			8903,0 6990,5	35,4 29,4	23,6 19,6	600 400	1,20 0,68		134,70
RRC016304A	1	DELTA STAR	660 520	29,0 24,0			6482,5 5007,0	27,6 22,3	18,4 14,9	330 190	0,83 0,39		
RRC016304N	1	DELTA STAR	420 310	23,0 23,0			3825,0 2862,5	17,6 13,5	11,7 9,0	110 60	0,27 0,12		
RRC026302V	2	DELTA STAR	1320 1050	49,0 44,0	131,0	15,1	35762,5 28856,0	72,1 64,8	48,1 43,2	5260 3500	9,56 5,90	221,20	
RRC026302S	2	DELTA STAR	890 690	37,5 32,5			20053,0 16253,0	53,3 47,1	35,5 31,4	1200 800	2,40 1,36		199,00
RRC026302A	2	DELTA STAR	660 520	31,5 26,5			14660,0 11826,5	44,3 38,6	29,5 25,7	660 380	1,66 0,78		
RRC026302N	2	DELTA STAR	420 310	24,0 23,0			8719,0 6731,5	31,4 26,0	20,9 17,3	220 120	0,54 0,24		
RRC026303V	2	DELTA STAR	1320 1050	49,0 44,0	197,0	22,6	33644,0 26237,0	92,5 79,9	61,7 53,3	5260 3500	9,56 5,90	240,40	
RRC026303S	2	DELTA STAR	890 690	37,5 32,5			18929,5 15117,0	64,9 55,6	43,3 37,1	1200 800	2,40 1,36		218,20
RRC026303A	2	DELTA STAR	660 520	31,5 26,5			13813,0 10819,5	52,2 43,4	34,8 28,9	660 380	1,66 0,78		
RRC026303N	2	DELTA STAR	420 310	24,0 23,0			8184,5 6156,5	34,8 27,4	23,2 18,3	220 120	0,54 0,24		
RRC026304V	2	DELTA STAR	1320 1050	49,0 44,0	263,0	30,2	31525,0 24491,5	105,0 89,1	70,0 59,4	5260 3500	9,56 5,90	258,70	
RRC026304S	2	DELTA STAR	890 690	37,5 32,5			17806,5 13981,5	70,9 58,8	47,3 39,2	1200 800	2,40 1,36		236,50
RRC026304A	2	DELTA STAR	660 520	31,5 26,5			12965,5 10014,0	55,3 44,6	36,9 29,7	660 380	1,66 0,78		
RRC026304N	2	DELTA STAR	420 310	24,0 23,0			7650,0 5725,0	35,2 27,1	23,5 18,1	220 120	0,54 0,24		

(*) Alimentazione elettrica; motoventilatori 400V/3/50Hz
Power supply: fan motors 400/3/50Hz

Technical features

Modello Model	Numero ventilatori Fan motors number	Tipo di collegamento Wiring type	RPM	LpA 10m dB(A)	Superficie Surface m ²	V.Circuito V.circuit dm ³	Portata d'aria Air flow		Potenza frigorifera Refrigerating output kW		Assorbimento motori (*) Motor power consumption		Peso netto Net weight kg
							m ³ /h	ΔT 15	ΔT 10	W	A		
RRC036302V	3	DELTA STAR	1320 1050	51,0 45,5	197,0	22,4	53644,0 43283,5	108,0 97,2	72,0 64,8	7890 5250	14,34 8,85	323,30	
RRC036302S	3	DELTA STAR	890 690	39,0 34,0			30079,5 24379,5	79,9 70,6	53,3 47,1	1800 1200	3,60 2,04		290,00
RRC036302A	3	DELTA STAR	660 520	33,5 28,5			21990,0 17739,5	66,3 57,9	44,2 38,6	990 570	2,49 1,17		
RRC036302N	3	DELTA STAR	420 310	25,5 23,0			13078,0 10097,0	47,0 38,9	31,3 25,9	330 180	0,81 0,36		
RRC036303V	3	DELTA STAR	1320 1050	51,0 45,5	295,0	33,6	50466,0 39355,5	138,0 120,0	92,0 80,0	7890 5250	14,34 8,85	350,60	
RRC036303S	3	DELTA STAR	890 690	39,0 34,0			28394,5 22675,5	97,8 84,0	65,2 56,0	1800 1200	3,60 2,04		317,30
RRC036303A	3	DELTA STAR	660 520	33,5 28,5			20401,5 16229,0	77,9 65,6	51,9 43,7	990 570	2,49 1,17		
RRC036303N	3	DELTA STAR	420 310	25,5 23,0			12276,5 9234,5	52,6 41,4	35,1 27,6	330 180	0,81 0,36		
RRC036304V	3	DELTA STAR	1320 1050	51,0 45,5	394,0	44,9	47287,5 36737,0	158,0 134,0	105,3 89,3	7890 5250	14,34 8,85	378,00	
RRC036304S	3	DELTA STAR	890 690	39,0 34,0			26709,5 20972,0	106,0 88,3	70,7 58,9	1800 1200	3,60 2,04		344,70
RRC036304A	3	DELTA STAR	660 520	33,5 28,5			19448,5 15021,0	83,1 67,0	55,4 44,7	990 570	2,49 1,17		
RRC036304N	3	DELTA STAR	420 310	25,5 23,0			11475,0 8587,5	52,9 40,6	35,3 27,1	330 180	0,81 0,36		
RRC046302V	4	DELTA STAR	1320 1050	52,0 46,5	263,0	29,8	71525,0 57711,5	144,0 130,0	96,0 86,7	10520 7000	19,12 11,80	419,80	
RRC046302S	4	DELTA STAR	890 690	40,0 35,0			40105,5 32505,5	107,0 94,7	71,3 63,1	2400 1600	4,80 2,72		375,40
RRC046302A	4	DELTA STAR	660 520	34,5 29,5			29320,0 23652,5	88,9 77,6	59,3 51,7	1320 760	3,32 1,56		
RRC046302N	4	DELTA STAR	420 310	27,0 23,0			17437,5 13462,5	63,1 52,2	42,1 34,8	440 240	1,08 0,48		
RRC046303V	4	DELTA STAR	1320 1050	52,0 46,5	394,0	44,7	67287,5 52474,0	185,0 160,0	123,3 106,7	10520 7000	19,12 11,80	458,10	
RRC046303S	4	DELTA STAR	890 690	40,0 35,0			37859,0 30234,0	131,0 112,0	87,3 74,7	2400 1600	4,80 2,72		413,70
RRC046303A	4	DELTA STAR	660 520	34,5 29,5			27625,5 21638,5	105,0 87,4	70,0 58,3	1320 760	3,32 1,56		
RRC046303N	4	DELTA STAR	420 310	27,0 23,0			16369,0 12312,5	70,0 55,1	46,7 36,7	440 240	1,08 0,48		
RRC046304V	4	DELTA STAR	1320 1050	52,0 46,5	525,0	59,5	63050,0 48982,5	211,0 178,0	140,7 118,7	10520 7000	19,12 11,80	494,60	
RRC046304S	4	DELTA STAR	890 690	40,0 35,0			35612,5 27962,5	142,0 118,0	94,7 78,7	2400 1600	4,80 2,72		450,20
RRC046304A	4	DELTA STAR	660 520	34,5 29,5			25931,0 20027,5	111,0 89,3	74,0 59,5	1320 760	3,32 1,56		
RRC046304N	4	DELTA STAR	420 310	27,0 23,0			15300,0 11450,0	70,5 54,1	47,0 36,1	440 240	1,08 0,48		

(*) Alimentazione elettrica: motoventilatori 400V/3/50Hz
Power supply: fan motors 400/3/50Hz

Technical features

Modello Model	Numero ventilatori Fan motors number	Tipo di collegamento Wiring type	RPM	LpA 10m dB(A)	Superficie Surface m ²	V.Circuito V.circuit dm ³	Portata d'aria Air flow		Potenza frigorifera Refrigerating output kW		Assorbimento motori (*) Motor power consumption		Peso netto Net weight kg
							m ³ /h	ΔT 15	ΔT 10	W	A		
RRC046302VW	4	DELTA STAR	1320 1050	55,5 49,5	263,0	30,2	71525,0 57711,5	143,0 129,0	95,3 86,0	10520 7000	19,12 11,80	437,80	
RRC046302SW	4	DELTA STAR	890 690	41,5 35,5			40105,5 32505,5	107,0 94,6	71,3 63,1	2400 1600	4,80 2,72		393,40
RRC046302AW	4	DELTA STAR	660 520	35,5 29,5			29320,0 23652,5	88,9 77,6	59,3 51,7	1320 760	3,32 1,56	393,40	
RRC046302NW	4	DELTA STAR	420 310	26,5 23,0			17437,5 13462,5	63,0 52,2	42,0 38,4	440 240	1,08 0,48		393,40
RRC046303VW	4	DELTA STAR	1320 1050	55,5 49,5	394,0	45,2	67287,5 52474,0	185,0 160,0	123,3 106,7	10520 7000	19,12 11,80	476,80	
RRC046303SW	4	DELTA STAR	890 690	41,5 35,5			37859,0 30234,0	130,0 112,0	86,7 74,7	2400 1600	4,80 2,72		432,40
RRC046303AW	4	DELTA STAR	660 520	35,5 29,5			27625,5 21638,5	105,0 87,3	70,0 58,2	1320 760	3,32 1,56	432,40	
RRC046303NW	4	DELTA STAR	420 310	26,5 23,0			16369,0 12312,5	70,0 55,1	46,7 36,7	440 240	1,08 0,48		432,40
RRC046304VW	4	DELTA STAR	1320 1050	55,5 49,5	525,0	60,3	63050,0 48982,5	211,0 178,0	140,7 118,7	10520 7000	19,12 11,80	513,80	
RRC046304SW	4	DELTA STAR	890 690	41,5 35,5			35612,5 27962,5	142,0 118,0	94,7 78,7	2400 1600	4,80 2,72		469,40
RRC046304AW	4	DELTA STAR	660 520	35,5 29,5			25931,0 20027,5	111,0 89,2	74,0 59,5	1320 760	3,32 1,56	469,40	
RRC046304NW	4	DELTA STAR	420 310	26,5 23,0			15300,0 11450,0	70,5 54,1	47,0 36,1	440 240	1,08 0,48		469,40
RRC066302V	6	DELTA STAR	1320 1050	53,5 48,5	394,0	44,8	107287,5 86567,0	216,0 194,0	144,0 129,3	15780 10500	28,68 17,70	626,20	
RRC066302S	6	DELTA STAR	890 690	42,0 37,0			60158,5 48758,5	160,0 141,0	106,7 94,0	3600 2400	7,20 4,08		559,60
RRC066302A	6	DELTA STAR	660 520	36,0 31,0			43980,0 35478,5	133,0 116,0	88,7 77,3	1980 1140	4,98 2,34	559,60	
RRC066302N	6	DELTA STAR	420 310	28,5 23,0			26156,5 20194,0	94,0 77,8	62,7 51,9	660 360	1,62 0,72		559,60
RRC066303V	6	DELTA STAR	1320 1050	53,5 48,5	591,0	67,3	100931,5 78711,0	276,0 240,0	184,0 160,0	15780 10500	28,68 17,70	680,90	
RRC066303S	6	DELTA STAR	890 690	42,0 37,0			56788,5 45351,0	196,0 168,0	130,7 112,0	3600 2400	7,20 4,08		614,30
RRC066303A	6	DELTA STAR	660 520	36,0 31,0			40802,5 32458,0	156,0 131,0	104,0 87,3	1980 1140	4,98 2,34	614,30	
RRC066303N	6	DELTA STAR	420 310	28,5 23,0			24553,0 18469,0	105,0 82,7	70,0 55,1	660 360	1,62 0,72		614,30
RRC066304V	6	DELTA STAR	1320 1050	53,5 48,5	788,0	89,7	94575,0 73474,0	315,0 267,0	210,0 178,0	15780 10500	28,68 17,70	740,90	
RRC066304S	6	DELTA STAR	890 690	42,0 37,0			53419,0 41944,0	213,0 177,0	142,0 118,0	3600 2400	7,20 4,08		674,30
RRC066304A	6	DELTA STAR	660 520	36,0 31,0			38896,5 30041,5	166,0 134,0	110,7 89,3	1980 1140	4,98 2,34	674,30	
RRC066304N	6	DELTA STAR	420 310	28,5 23,0			22950,0 17175,0	106,0 81,2	70,7 54,1	660 360	1,62 0,72		674,30
RRC086302V	8	DELTA STAR	1320 1050	54,5 49,5	525,0	59,5	143050,0 115422,5	288,0 259,0	192,0 172,7	21040 14000	38,24 23,60	813,00	
RRC086302S	8	DELTA STAR	890 690	43,0 38,0			80211,0 65011,0	214,0 189,0	142,7 126,0	4800 3200	9,60 5,44		724,20
RRC086302A	8	DELTA STAR	660 520	37,5 32,5			58936,5 47304,5	178,0 155,0	118,7 103,3	2640 1520	6,64 3,12	724,20	
RRC086302N	8	DELTA STAR	420 310	29,5 23,0			34875,0 26925,0	126,0 104,0	84,0 69,3	880 480	2,16 0,96		724,20
RRC086303V	8	DELTA STAR	1320 1050	54,5 49,5	788,0	89,3	134575,0 104948,0	370,0 321,0	246,7 214,0	21040 14000	38,24 23,60	886,30	
RRC086303S	8	DELTA STAR	890 690	43,0 38,0			75718,0 60468,0	261,0 224,0	174,0 149,3	4800 3200	9,60 5,44		797,50
RRC086303A	8	DELTA STAR	660 520	37,5 32,5			55250,5 43277,0	210,0 175,0	140,0 116,7	2640 1520	6,64 3,12	797,50	
RRC086303N	8	DELTA STAR	420 310	29,5 23,0			32737,5 24625,0	140,0 110,0	93,3 73,3	880 480	2,16 0,96		797,50
RRC086304V	8	DELTA STAR	1320 1050	54,5 49,5	1050,0	119,0	126100,0 97965,0	421,0 357,0	280,7 238,0	21040 14000	38,24 23,60	959,70	
RRC086304S	8	DELTA STAR	890 690	43,0 38,0			71225,0 55925,0	284,0 235,0	189,3 156,7	4800 3200	9,60 5,44		870,90
RRC086304A	8	DELTA STAR	660 520	37,5 32,5			51861,5 40055,0	221,0 179,0	147,3 119,3	2640 1520	6,64 3,12	870,90	
RRC086304N	8	DELTA STAR	420 310	29,5 23,0			30600,0 22900,0	141,0 108,0	94,0 72,0	880 480	2,16 0,96		870,90

(*) Alimentazione elettrica: motoveventilatori 400V/3/50Hz
Power supply: fan motors 400/3/50Hz

Manufacturing features
Serie RRC / RRC Range

Modello Model	RRC	RRC016302_	RRC026302_	RRC036302_	RRC046302_	RRC046302_W	RRC066302_	RRC086302_
		RRC016303_	RRC026303_	RRC036303_	RRC046303_	RRC046303_W	RRC066303_	RRC086303_
		RRC016304_	RRC026304_	RRC036304_	RRC046304_	RRC046304_W	RRC066304_	RRC086304_
Horizontal installation Dimensioni Dimensions (mm)	A	1333	2433	3533	4633	2560	3660	4760
	B	1073	2173	3273	4373	2173	3273	4373
	B1	-	-	1086,5	1086,5	1086,5	1086,5	1086,5
	B2	-	-	1100	1100	-	1100	1100
	C	629	629	629	629	800	800	800
	D	70	70	70	70	120	120	120
	E	40	40	40	40	40	40	40
	F	1165	1165	1165	1165	2215	2215	2215
L	1125	1125	1125	1125	2175	2175	2175	

Serie RRC / RRC Range

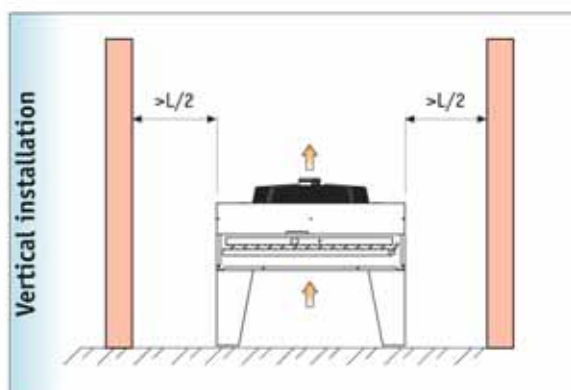
Modello Model	RRC	RRC016302_	RRC026302_	RRC036302_	RRC046302_	RRC046302_W	RRC066302_	RRC086302_
		RRC016303_	RRC026303_	RRC036303_	RRC046303_	RRC046303_W	RRC066303_	RRC086303_
		RRC016304_	RRC026304_	RRC036304_	RRC046304_	RRC046304_W	RRC066304_	RRC086304_
Vertical installation Dimensioni Dimensions (mm)	A	1333	2433	3533	4633	2560	3660	4760
	B	1081	2181	3281	4381	2176	3276	4376
	B1	-	-	-	2165	-	1033	2133
	B2	-	-	-	2216	-	2243	2243
	D	-	-	-	-	-	-	-
	E	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-
	L	1125	1125	1125	1125	2175	2175	2175

Serie RRC / RRC Range

Attacchi Connections	Ø ingresso Ø inlet Ø uscita Ø outlet (mm)	RRC016302_	RRC016303_	RRC016304_	RRC026302_	RRC026303_	RRC026304_	RRC036302_	RRC036303_	RRC036304_	RRC046302_	RRC046303_	RRC046304_	RRC046302_W	RRC046303_W	RRC046304_W	RRC066302_	RRC066303_	RRC066304_	RRC086302_	RRC086303_	RRC086304_
		Ø ingresso Ø inlet Ø uscita Ø outlet (mm)	35	35	42	42	42	54	42	54	42	54	42	54	42	54	54	67	54	54	42	42

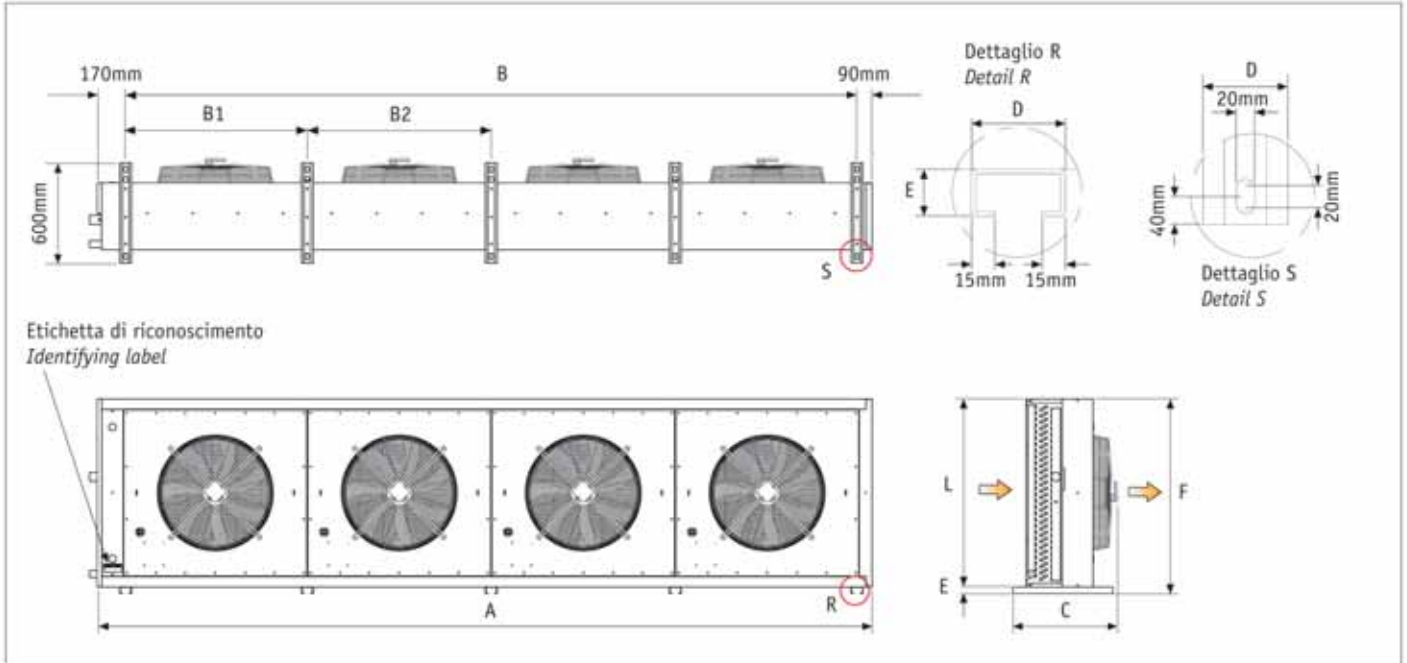
**Riferimento gambe di supporto
Support legs reference**

Vertical installation	Codice Code	Codice Code	h mm	Peso Weight kg
	RRC0163...	RRC0150KV05	450	11,5
RRC0263...	RRC0150KV05	450	11,5	
RRC0363...	RRC0150KV05	450	11,5	
RRC0463...	RRC0650KV06	450	17,5	
RRC0463...W	RRC0463KV06W	600	33,2	
RRC0663...	RRC0663KV06	600	57,7	
RRC0863...	RRC0863KV06	600	60,2	

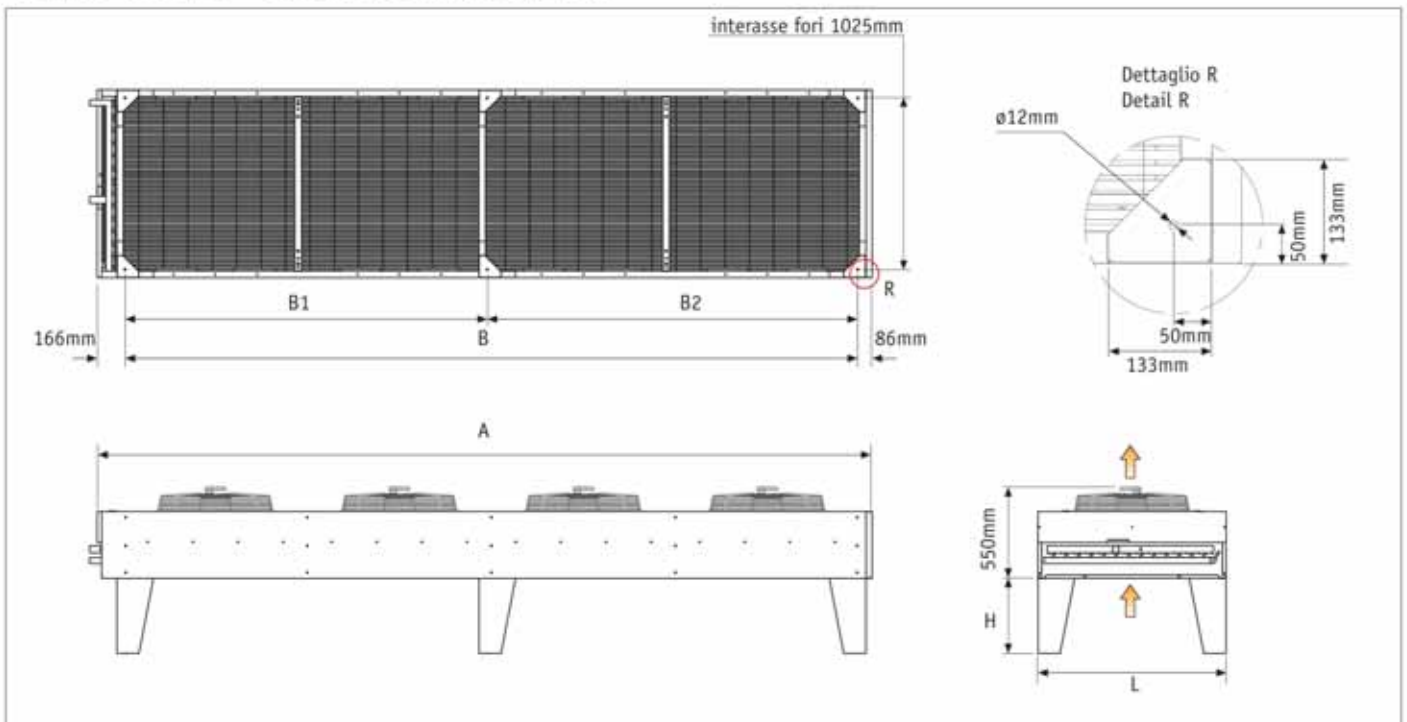


Manufacturing features

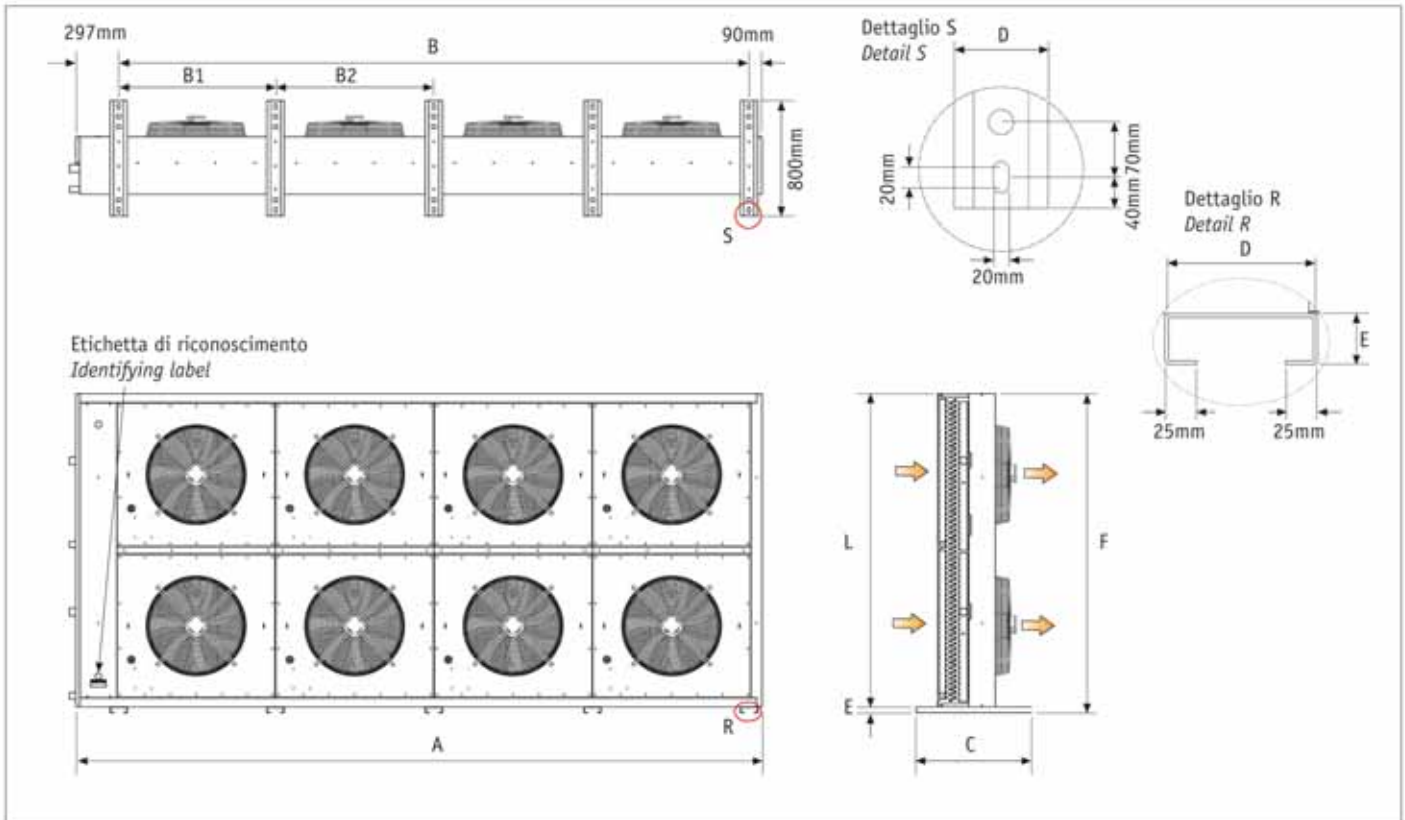
4 fans model - Horizontal installation



4 fans model - Vertical installation



8 fans model - Horizontal installation



8 fans model - Vertical installation

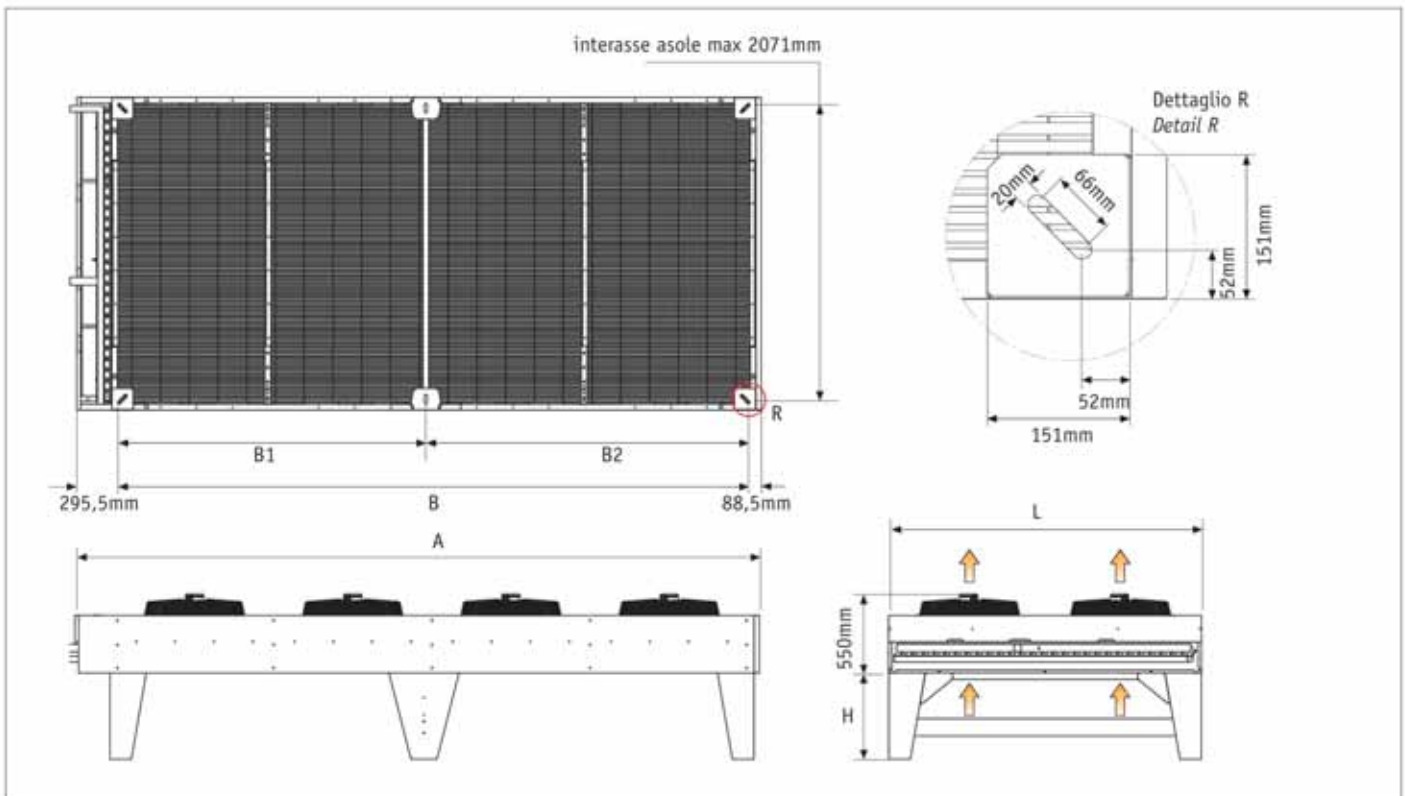


Tabella / Table

(A) RRC018002S
RRC018002A
RRC018002N
RRC018003S
RRC018003A
RRC018003N
RRC018004S
RRC018004A
RRC018004N



(A)

(B) RRC028002S
RRC028002A
RRC028002N
RRC028003S
RRC028003A
RRC028003N
RRC028004S
RRC028004A
RRC028004N



(B)

(C) RRC038002S
RRC038002A
RRC038002N
RRC038003S
RRC038003A
RRC038003N
RRC038004S
RRC038004A
RRC038004N



(C)

(D) RRC048002S
RRC048002A
RRC048002N
RRC048003S
RRC048003A
RRC048003N
RRC048004S
RRC048004A
RRC048004N



(D)

800 Ø

RRC

(E)



(F)



(G)


Tabella / Table

(E)	RRC048002SW
	RRC048002AW
	RRC048002NW
	RRC048003SW
	RRC048003AW
	RRC048003NW
	RRC048004SW
	RRC048004AW
RRC048004NW	
(F)	RRC068002S
	RRC068002A
	RRC068002N
	RRC068003S
	RRC068003A
	RRC068003N
	RRC068004S
	RRC068004A
RRC068004N	
(G)	RRC088002S
	RRC088002A
	RRC088002N
	RRC088003S
	RRC088003A
	RRC088003N
	RRC088004S
	RRC088004A
RRC088004N	

Technical features

Modello Model	Numero ventilatori Fan motors number	Tipo di collegamento Wiring type	RPM	LpA 10m dB(A)	Superficie Surface m ²	V.Circuito V.circuit dm ³	Portata d'aria Air flow		Potenza frigorifera Refrigerating output kW		Assorbimento motori (*) Motor power consumption		Peso netto Net weight kg	
							m ³ /h	ΔT 15	ΔT 10	W	A			
RRC018002S	1	DELTA STAR	880 670	41,0 36,0	81,8	9,6	20728,0	42,8	28,5	1940	3,90	177,10		
RRC018002A	1	DELTA STAR	660 485	34,0 29,0			15183,0	36,5	24,3	990	2,37		580	1,21
RRC018002N	1	DELTA STAR	430 340	24,0 23,0			8144,0	25,4	16,9	220	0,59		130	0,28
RRC018003S	1	DELTA STAR	880 670	41,0 36,0	123,0	14,4	18940,5	54,4	36,3	1940	3,90	188,80		
RRC018003A	1	DELTA STAR	660 485	34,0 29,0			14534,0	46,3	30,9	1210	2,23		580	1,21
RRC018003N	1	DELTA STAR	430 340	24,0 23,0			13916,0	45,1	30,1	990	2,37		580	1,21
RRC018004S	1	DELTA STAR	880 670	41,0 36,0	164,0	19,2	17510,5	60,7	40,5	1940	3,90	200,70		
RRC018004A	1	DELTA STAR	660 485	34,0 29,0			13382,0	50,6	33,7	1210	2,23		580	1,21
RRC018004N	1	DELTA STAR	430 340	24,0 23,0			12966,0	49,5	33,0	990	2,37		580	1,21
RRC028002S	2	DELTA STAR	880 670	43,5 39,0	164,0	18,7	41456,5	85,6	57,1	3880	7,80	298,40		
RRC028002A	2	DELTA STAR	660 485	37,0 32,0			32140,0	75,2	50,1	2420	4,46		1980	4,74
RRC028002N	2	DELTA STAR	430 340	26,5 23,0			23586,5	63,4	42,3	1160	2,42		260	0,56
RRC028003S	2	DELTA STAR	880 670	43,5 39,0	246,0	28,1	37881,0	109,0	72,7	3880	7,80	321,30		
RRC028003A	2	DELTA STAR	660 485	37,0 32,0			29068,0	92,8	61,9	2420	4,46		1980	4,74
RRC028003N	2	DELTA STAR	430 340	26,5 23,0			21203,5	75,4	50,3	1160	2,42		260	0,56
RRC028004S	2	DELTA STAR	880 670	43,5 39,0	327,0	37,5	35021,0	122,0	81,3	3880	7,80	344,30		
RRC028004A	2	DELTA STAR	660 485	37,0 32,0			26764,0	101,0	67,3	2420	4,46		1980	4,74
RRC028004N	2	DELTA STAR	430 340	26,5 23,0			19416,0	79,8	53,2	1160	2,42		260	0,56
RRC038002S	3	DELTA STAR	880 670	45,5 40,5	246,0	27,9	62184,5	130,0	86,7	5820	11,70	428,50		
RRC038002A	3	DELTA STAR	660 485	38,5 33,5			48210,0	115,0	76,7	3630	6,69		2970	7,11
RRC038002N	3	DELTA STAR	430 340	28,5 23,5			35380,0	96,6	64,4	1740	3,63		660	1,77
RRC038003S	3	DELTA STAR	880 670	45,5 40,5	368,0	41,8	56821,5	163,0	108,7	5820	11,70	465,00		
RRC038003A	3	DELTA STAR	660 485	38,5 33,5			43602,0	139,0	92,7	3630	6,69		2970	7,11
RRC038003N	3	DELTA STAR	430 340	28,5 23,5			31805,0	113,0	75,3	1740	3,63		660	1,77
RRC038004S	3	DELTA STAR	880 670	45,5 40,5	491,0	55,8	52531,5	182,0	121,3	5820	11,70	503,40		
RRC038004A	3	DELTA STAR	660 485	38,5 33,5			40146,0	152,0	101,3	3630	6,69		2970	7,11
RRC038004N	3	DELTA STAR	430 340	28,5 23,5			29124,0	119,0	79,3	1740	3,63		660	1,77
							15000,0	68,6	45,7	390	0,84	494,70		

(*) Alimentazione elettrica: motoventilatori 400V/3/50Hz
Power supply: fan motors 400/3/50Hz

Technical features

Modello Model	Numero ventilatori Fan motors number	Tipo di collegamento Wiring type	RPM	LpA 10m dB(A)	Superficie Surface m ²	V.Circuito V.circuit dm ³	Portata d'aria Air flow		Potenza frigorifera Refrigerating output kW		Assorbimento motori (*) Motor power consumption		Peso netto Net weight kg
							m ³ /h	ΔT 15	ΔT 10	W	A		
RRC048002S	4	DELTA STAR	880 670	46,5 41,5	327,0	37,0	82913,0 64280,0	171,0 150,0	114,0 100,0	7760 4840	15,60 8,92	558,60	
RRC048002A	4	DELTA STAR	660 485	39,5 34,5			60731,5 47173,0	146,0 127,0	97,3 84,7	3960 2320	9,48 4,84		
RRC048002N	4	DELTA STAR	430 340	29,5 24,5	491,0	55,6	32575,0 24600,0	101,0 84,3	67,3 56,2	880 520	2,36 1,12	547,00	
RRC048003S	4	DELTA STAR	880 670	46,5 41,5			75762,0 58136,0	218,0 186,0	145,3 124,0	7760 4840	15,60 8,92		
RRC048003A	4	DELTA STAR	660 485	39,5 34,5	655,0	74,2	55665,0 42406,5	181,0 151,0	120,7 100,7	3960 2320	9,48 4,84	599,80	
RRC048003N	4	DELTA STAR	430 340	29,5 24,5			29231,5 22300,0	116,0 93,9	77,3 62,6	880 520	2,36 1,12		
RRC048004S	4	DELTA STAR	880 670	46,5 41,5	655,0	74,2	70041,5 53528,0	244,0 203,0	162,7 135,3	7760 4840	15,60 8,92	649,60	
RRC048004A	4	DELTA STAR	660 485	39,5 34,5			51865,0 38831,5	198,0 160,0	132,0 106,7	3960 2320	9,48 4,84		
RRC048004N	4	DELTA STAR	430 340	29,5 24,5	307,0	35,2	27225,0 20000,0	120,0 91,8	80,0 61,2	880 520	2,36 1,12	638,00	
RRC048002SW	4	DELTA STAR	880 670	52,0 46,0			81482,0 62744,0	167,0 146,0	111,3 97,3	7760 4840	15,60 8,92		
RRC048002AW	4	DELTA STAR	660 485	45,0 32,0	460,0	52,7	59464,5 46577,5	142,0 124,0	94,7 82,7	3960 2320	9,48 4,84	543,00	
RRC048002NW	4	DELTA STAR	430 340	35,0 29,0			31906,5 24025,0	99,1 82,3	66,1 54,9	880 520	2,36 1,12		
RRC048003SW	4	DELTA STAR	880 670	52,0 46,0	614,0	70,4	74332,0 56600,0	210,0 178,0	140,0 118,7	7760 4840	15,60 8,92	583,10	
RRC048003AW	4	DELTA STAR	660 485	45,0 32,0			54398,0 41215,0	174,0 145,0	116,0 96,7	3960 2320	9,48 4,84		
RRC048003NW	4	DELTA STAR	430 340	35,0 29,0	614,0	70,4	28562,5 21150,0	112,0 88,4	74,7 58,9	880 520	2,36 1,12	571,50	
RRC048004SW	4	DELTA STAR	880 670	52,0 46,0			68611,5 51992,0	235,0 195,0	156,7 130,0	7760 4840	15,60 8,92		
RRC048004AW	4	DELTA STAR	660 485	45,0 32,0	614,0	70,4	50598,5 36448,5	191,0 150,0	127,3 100,0	3960 2320	9,48 4,84	621,30	
RRC048004NW	4	DELTA STAR	430 340	35,0 29,0			25887,5 19425,0	114,0 88,8	76,0 59,2	880 520	2,36 1,12		
RRC068002S	6	DELTA STAR	880 670	48,0 43,5	460,0	52,3	122224,0 94116,0	250,0 219,0	166,7 146,0	11640 7260	23,40 13,38	763,80	
RRC068002A	6	DELTA STAR	660 485	41,5 36,5			89197,0 69865,5	213,0 187,0	142,0 124,7	5940 3480	14,22 7,26		
RRC068002N	6	DELTA STAR	430 340	31,0 26,5	691,0	78,5	47859,5 36037,5	149,0 123,0	99,3 82,0	1320 780	3,54 1,68	746,40	
RRC068003S	6	DELTA STAR	880 670	48,0 43,5			111498,0 84900,0	314,0 267,0	209,3 178,0	11640 7260	23,40 13,38		
RRC068003A	6	DELTA STAR	660 485	41,5 36,5	921,0	105,0	81597,0 61822,0	261,0 217,0	174,0 144,7	5940 3480	14,22 7,26	832,00	
RRC068003N	6	DELTA STAR	430 340	31,0 26,5			42844,0 31725,0	167,0 133,0	111,3 88,7	1320 780	3,54 1,68		
RRC068004S	6	DELTA STAR	880 670	48,0 43,5	921,0	105,0	102917,0 77988,0	352,0 291,0	234,7 194,0	11640 7260	23,40 13,38	903,70	
RRC068004A	6	DELTA STAR	660 485	41,5 36,5			75897,0 54672,5	286,0 224,0	190,7 149,3	5940 3480	14,22 7,26		
RRC068004N	6	DELTA STAR	430 340	31,0 26,5	1228,0	139,0	38831,5 29137,5	170,0 133,0	113,3 88,7	1320 780	3,54 1,68	886,30	
RRC088002S	8	DELTA STAR	880 670	49,5 44,5			162965,0 125488,0	329,0 288,0	219,3 192,0	15520 9680	31,20 17,84		
RRC088002A	8	DELTA STAR	660 485	42,5 37,5	614,0	69,3	118929,0 93154,5	280,0 245,0	186,7 163,3	7920 4640	18,96 9,68	1001,70	
RRC088002N	8	DELTA STAR	430 340	32,5 27,5			63812,5 48050,0	196,0 162,0	130,7 108,0	1760 1040	4,72 2,24		
RRC088003S	8	DELTA STAR	880 670	49,5 44,5	921,0	104,0	148664,0 113200,0	419,0 357,0	279,3 238,0	15520 9680	31,20 17,84	1078,90	
RRC088003A	8	DELTA STAR	660 485	42,5 37,5			108796,0 82429,5	348,0 291,0	232,0 194,0	7920 4640	18,96 9,68		
RRC088003N	8	DELTA STAR	430 340	32,5 27,5	1228,0	139,0	57125,0 42300,0	224,0 178,0	149,3 118,7	1760 1040	4,72 2,24	1055,70	
RRC088004S	8	DELTA STAR	880 670	49,5 44,5			137223,0 103984,0	470,0 390,0	313,3 260,0	15520 9680	31,20 17,84		
RRC088004A	8	DELTA STAR	660 485	42,5 37,5	1228,0	139,0	101196,5 72896,5	383,0 300,0	255,3 200,0	7920 4640	18,96 9,68	1171,70	
RRC088004N	8	DELTA STAR	430 340	32,5 27,5			51775,0 38850,0	227,0 178,0	151,3 118,7	1760 1040	4,72 2,24		

(*) Alimentazione elettrica: motoveventilatori 400V/3/50Hz
Power supply: fan motors 400/3/50Hz

Manufacturing features
Serie RRC / RRC Range

Modello Model	RRC	RRC018002_	RRC028002_	RRC038002_	RRC048002_	RRC048002_W	RRC068002_	RRC088002_
		RRC018003_	RRC028003_	RRC038003_	RRC048003_	RRC048003_W	RRC068003_	RRC088003_
		RRC018004_	RRC028004_	RRC038004_	RRC048004_	RRC048004_W	RRC068004_	RRC088004_
Horizontal installation Dimensioni Dimensions (mm)	A	1560	2760	3960	5160	2760	3960	5160
	B	1173	2373	3573	4773	2373	3573	4773
	B1	-	-	1186,5	1186,5	1186,5	1186,5	1186,5
	B2	-	-	1200	1200	-	1200	1200
	C	906	906	906	906	1100	1100	1100
	D	70	70	70	70	70	70	120
	E	40	40	40	40	40	40	40
	F	1315	1315	1315	1315	2365	2365	2365
L	1275	1275	1275	1275	2325	2325	2325	

Serie RRC / RRC Range

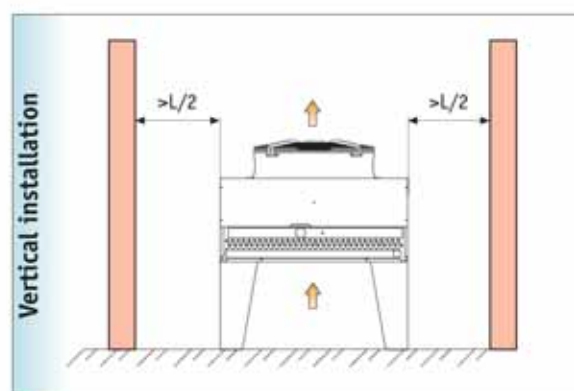
Modello Model	RRC	RRC018002_	RRC028002_	RRC038002_	RRC048002_	RRC048002_W	RRC068002_	RRC088002_
		RRC018003_	RRC028003_	RRC038003_	RRC048003_	RRC048003_W	RRC068003_	RRC088003_
		RRC018004_	RRC028004_	RRC038004_	RRC048004_	RRC048004_W	RRC068004_	RRC088004_
Vertical installation Dimensioni Dimensions (mm)	A	1560	2760	3960	5160	2760	3960	5160
	B	1176	2376	3576	4776	2376	3576	4776
	B1	-	-	-	2364,5	-	1132,5	2332,5
	B2	-	-	-	2411,5	-	2443,5	2443,5
	D	-	-	-	-	-	-	-
	E	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-
	L	1275	1275	1275	1275	2325	2325	2325

Serie RRC / RRC Range

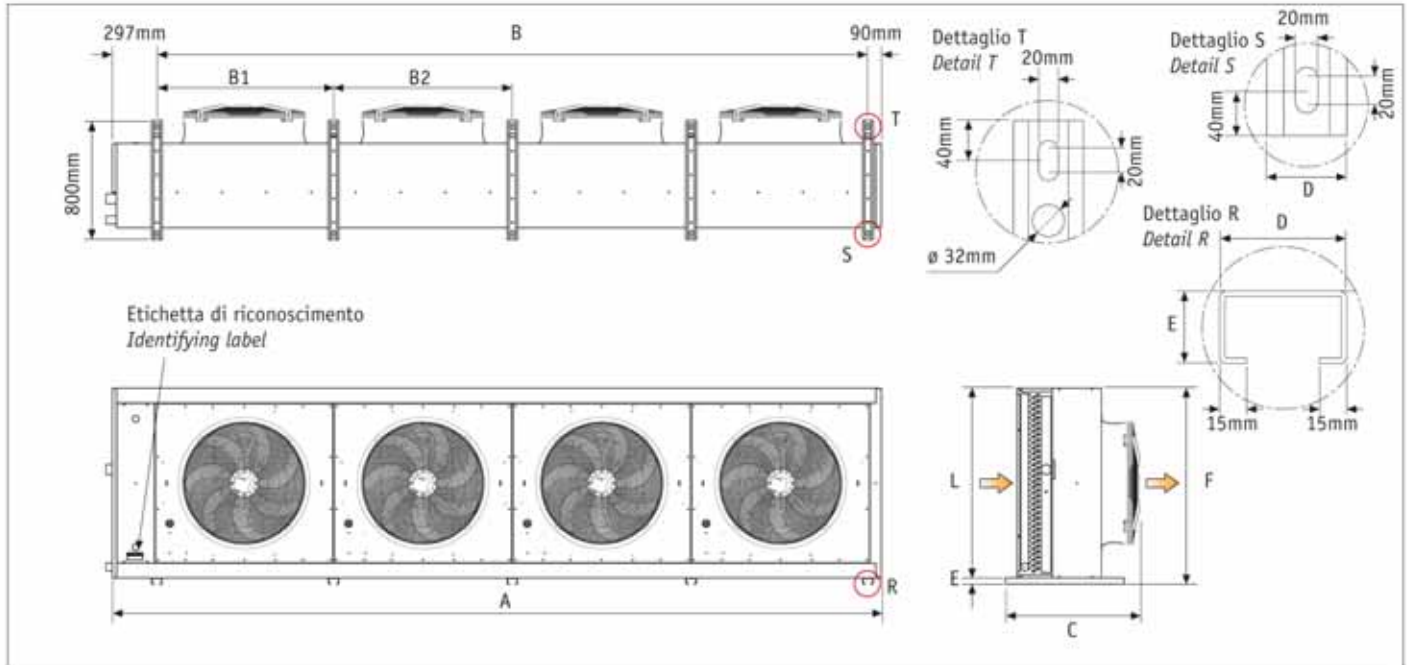
Modello Model	RRC	RRC018002_	RRC018003_	RRC018004_	RRC028002_	RRC028003_	RRC028004_	RRC038002_	RRC038003_	RRC038004_	RRC048002_	RRC048003_	RRC048004_	RRC048002_W	RRC048003_W	RRC048004_W	RRC068002_	RRC068003_	RRC068004_	RRC088002_	RRC088003_	RRC088004_
	Attacchi Connections	Ø ingresso Ø inlet Ø uscita Ø outlet	(mm)	35	42	42	54	67	67	54	67	2x35	2x42	2x42	2x54	2x67	2x67	2x54	2x67	2x67	2x54	2x67

**Riferimento gambe di supporto
Support legs reference**

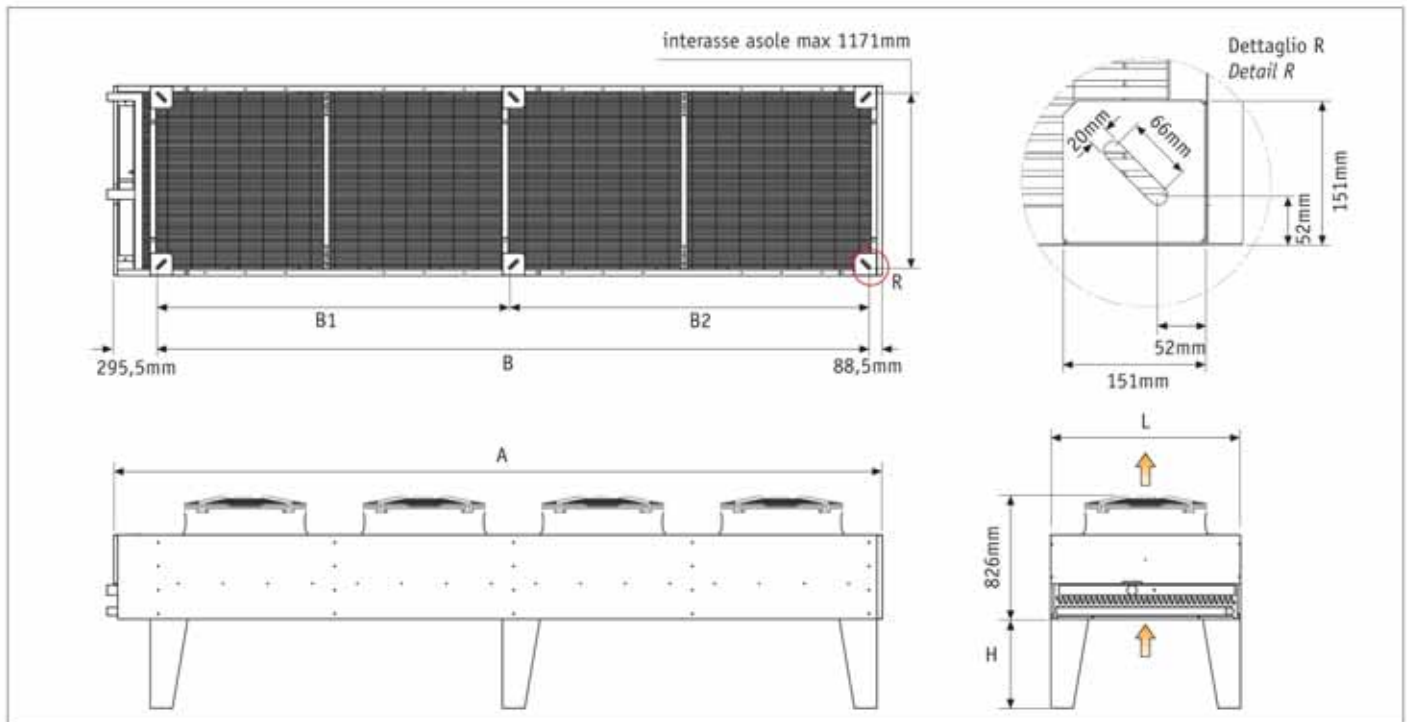
Vertical installation	Codice Code	Codice Code	h mm	Peso Weight kg
	RRC0180...	RRC0180KV05	600	22,2
	RRC0280...	RRC0180KV05	600	22,2
	RRC0380...	RRC0180KV05	600	22,2
	RRC0480...	RRC0650KV06	600	32,2
	RRC0480...W	RRC0480KV06W	600	34,2
	RRC0680...	RRC0680KV06	600	59,3
	RRC0880...	RRC0680KV06	600	62,1



4 fans model - Horizontal installation

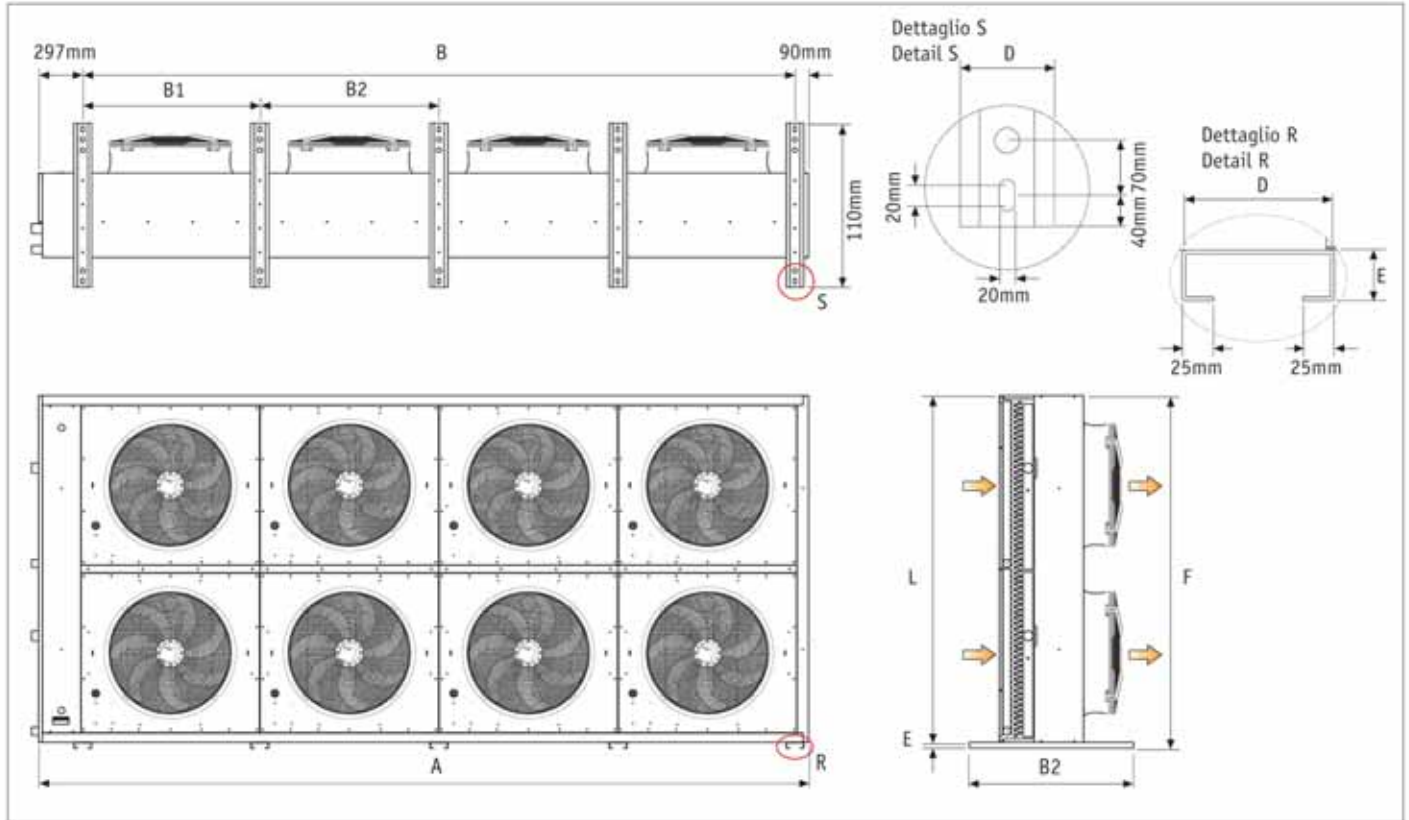


4 fans model - Vertical installation

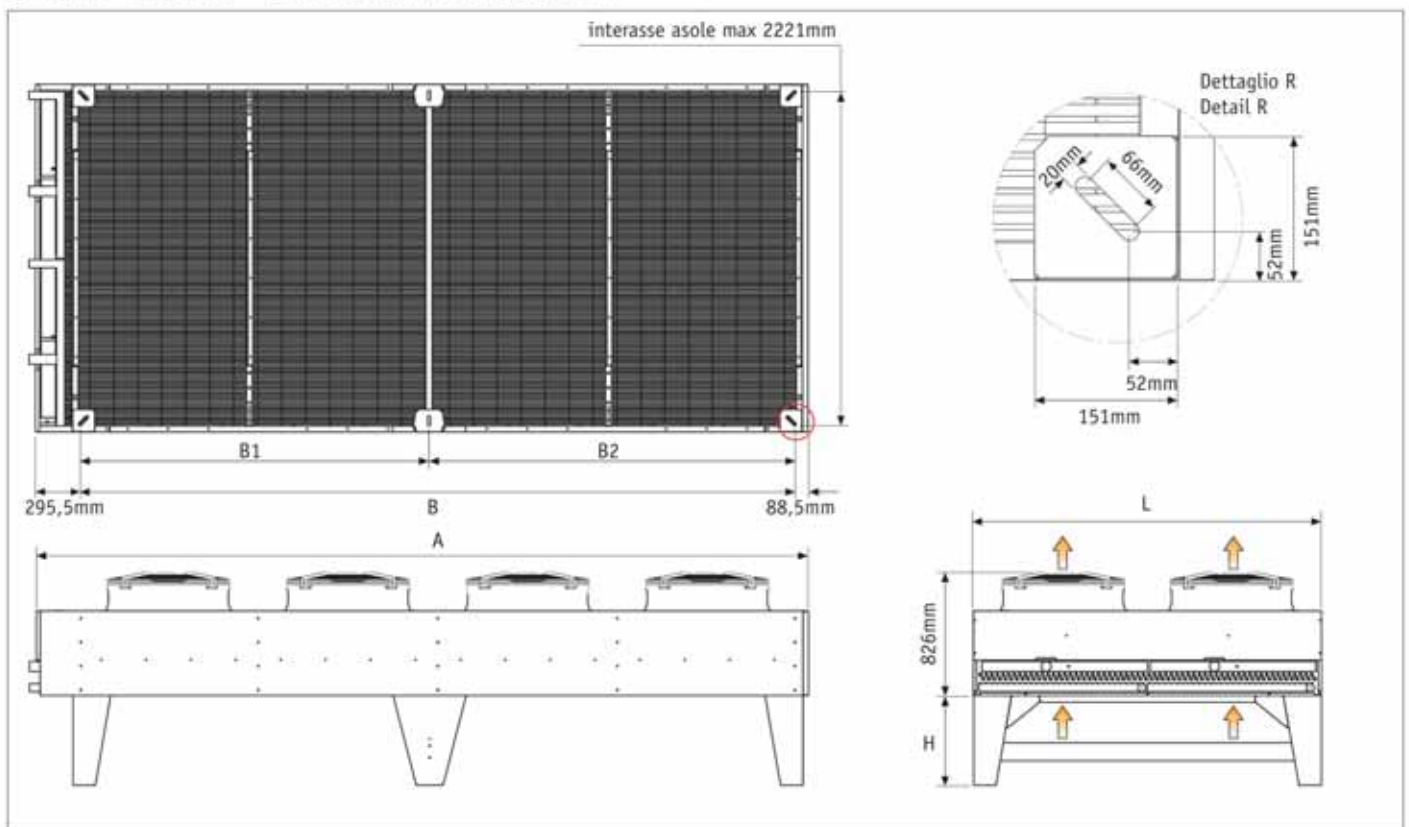


Manufacturing features

8 fans model - Horizontal installation



8 fans model - Vertical installation



Model choice

Scelta condensatore

Per una corretta scelta del condensatore, utilizzare la colonna "potenza frigorifera" riportata nelle tabelle relative alle caratteristiche tecniche (diametro 500 pag. 8; diametro 630 pag. 14,15,16; diametro 800 pag. 22,23).

Qui vengono riportate le rese frigorifere calcolate per una temperatura ambiente pari a 32°C e per 2 differenti valori di ΔT (differenza tra la temperatura dell'aria in entrata e la temperatura di condensazione del refrigerante): $\Delta T 10$ e $\Delta T 15$. I calcoli sono stati effettuati utilizzando come refrigerante il gas R404A. Impiegando altri refrigeranti, la resa va moltiplicata per il fattore correttivo di seguito riportato: R134a=0,93; R407A=0,90; R407C=0,90; R507=1.

I parametri per la scelta del condensatore sono: il valore ΔT e il carico termico.

Condenser selection

For the correct condenser selection, use the "refrigerating output" column on the technical features table (500mm diameter at page 8; 630mm diameter at page 14,15,16; 800mm diameter at page 22,23).

In these tables are quoted refrigerating output calculated for an ambient temperature of 32°C at two different ΔT (difference between the inlet air temperature and the refrigerating gas condensing temperature): $\Delta T 10$ and $\Delta T 15$.

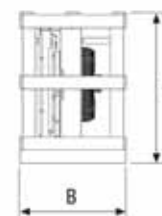
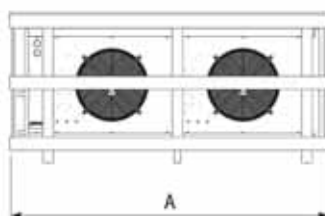
These calculations have been made using R404A as refrigerating gas. In case of a different gas in use the given capacity is to be multiplied by the relevant corrective factor as follows: R134a=0,91; R407A=0,90; R407C=0,90; R507=1.

The parameters valid for the condenser selection are: the ΔT value and the head load.

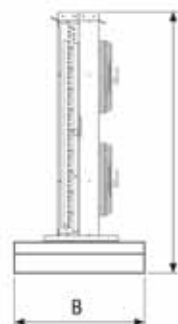
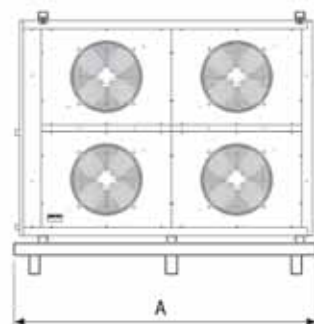
Dimensioni imballi

Packages dimensions

Codice Code	Riferimento gambe di supporto Support legs reference				
	A mm	B mm	H mm	Peso Weight kg	Disegno Drawing
RRC0150...	1359	765	1092	36,5	1
RRC0250...	2309	765	1092	55,5	1
RRC0350...	3259	765	1092	77,2	1
RRC0450...	2275	835	1805	31,0	2
RRC0650...	3225	835	1805	42,0	2
RRC0163...	1540	915	1420	45,9	1
RRC0263...	2640	915	1420	72,1	1
RRC0363...	3740	915	1420	128,4	1
RRC0463...	4840	915	1420	161,3	1
RRC0463...W	2800	845	2409	38,0	2
RRC0663...	3900	845	2409	64,0	2
RRC0863...	5000	845	2409	81,0	2
RRC0180...	1760	1125	1580	59,6	1
RRC0280...	2960	1125	1580	95,1	1
RRC0380...	4160	1125	1580	147,6	1
RRC0480...	5360	1125	1580	187,0	1
RRC0480...W	3000	1120	2559	47,0	2
RRC0680...	4200	1120	2559	76,0	2
RRC0880...	5400	1120	2559	97,0	2



Disegno ①
Drawing
Gabbia di legno
Wooden crate



Disegno ②
Drawing
Bancale
Pallet

Noise levels calculation

Calcoli rumorosità

Il livello di pressione sonora L_p a 10 metri di distanza dalla sorgente sonora, indicato a catalogo, è calcolato partendo dal livello di potenza sonora tramite l'utilizzo della seguente formula

$$L_p = L_w - 10 \times I_g [S_d/S_o]$$

Dove

L_p : Livello di pressione sonora medio dell'apparecchio su una superficie parallelepipedica

L_w : Livello di potenza sonora dell'apparecchio

S_o : Superficie di riferimento pari a 1 m^2

S_d : Superficie del parallelepipedo alla distanza di 10 m

Noise levels calculation

The value printed in the present catalogue relevant to the sound pressure level L_p at 10 m distance from the sound source has been calculated starting from the L_w value, sound power level by using the following calculation formula.

$$L_p = L_w - 10 \times I_g [S_d/S_o]$$

When

L_p : Mean sound pressure level of the unit on a parallelepiped surface

L_w : Power sound level of the unit

S_o : Reference surface taken into account 1 m^2

S_d : Parallelepiped surface at a 10 m distance

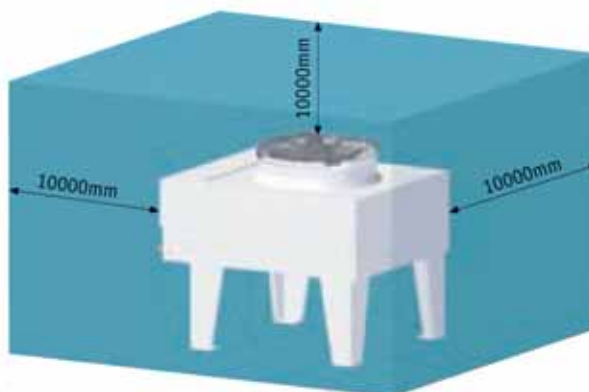
	distanza distance	1 m	2 m	3 m	4 m	5 m	10 m	15 m	20 m	30 m	40 m	50 m
n. Ventole x diametro no. of fan motors x diameter	1 x ø500mm	+17	+12	+9	+7	+5	0	-3	-6	-9	-11	-14
	2 x ø500mm	+16	+12	+9	+7	+5	0	-3	-6	-9	-11	-14
	3 x ø500mm	+16	+11	+9	+7	+5	0	-3	-6	-9	-11	-14
	4 x ø500mm											
	6 x ø500mm											

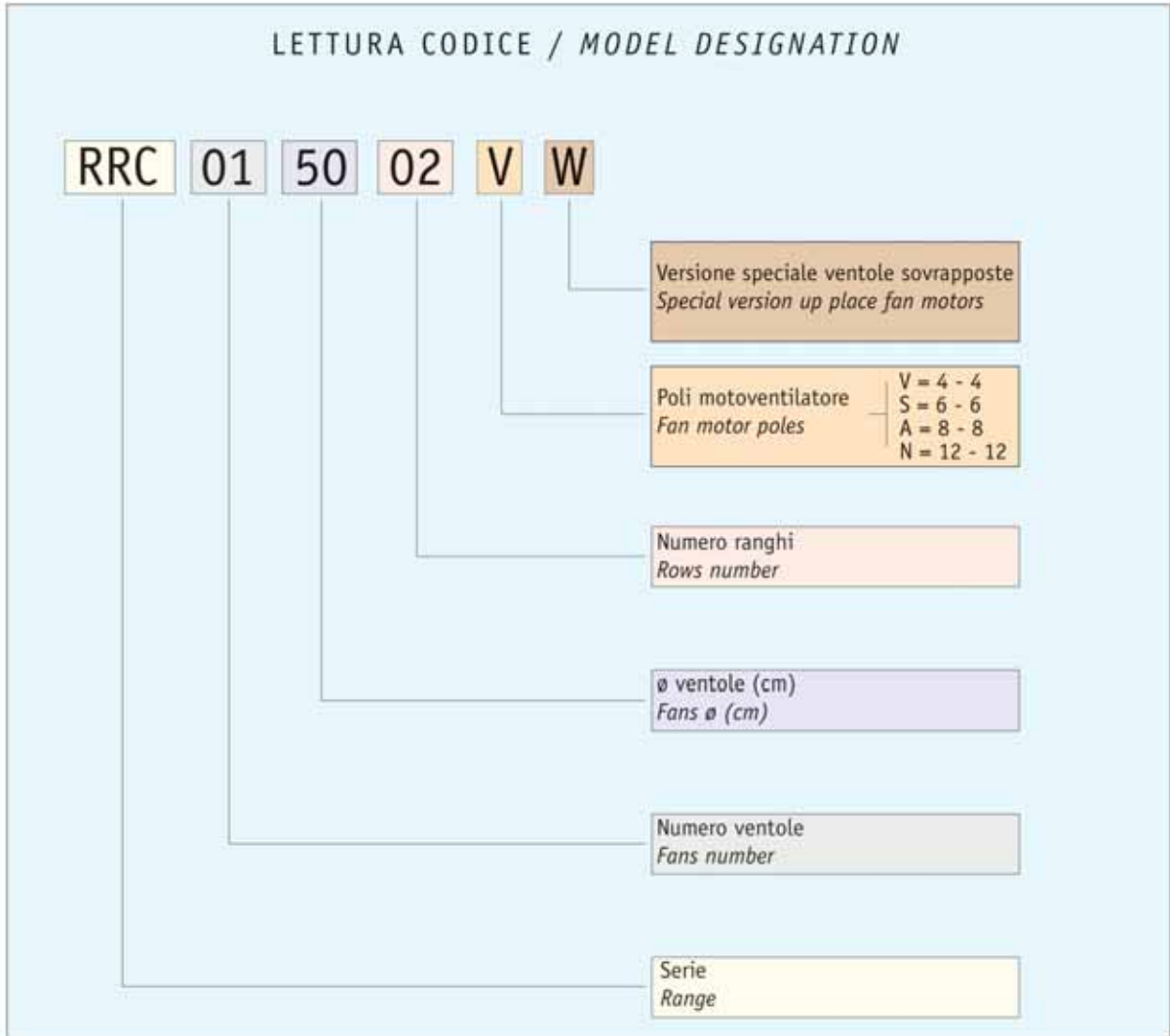
n. Ventole x diametro no. of fan motors x diameter	1 x ø630mm	+16	+12	+9	+7	+5	0	-3	-6	-9	-11	-14
	2 x ø630mm	+15	+11	+9	+7	+5	0	-3	-6	-9	-11	-14
	3 x ø630mm											
	4 x ø630mm	+14	+11	+9	+7	+5	0	-3	-6	-9	-11	-14
	6 x ø630mm											
8 x ø500mm	+13	+10	+8	+7	+5	0	-3	-6	-9	-11	-14	

n. Ventole x diametro no. of fan motors x diameter	1 x ø630mm	+15	+11	+9	+7	+5	0	-3	-6	-9	-11	-14
	2 x ø630mm											
	3 x ø630mm	+14	+11	+8	+7	+5	0	-3	-6	-9	-11	-14
4 x ø630mm												
	6 x ø630mm	+13	+10	+8	+6	+5	0	-3	-6	-9	-11	-14
	8 x ø630mm											

Il livello di pressione sonora L_p indicato su questo catalogo rappresenta il valore medio su di una superficie parallelepipedica costruita attorno all'apparecchio stesso, in campo libero con una superficie riflettente. (secondo EN 13487).

The pressure sound level considered in the present catalogue represent the mean value on a parallelepipeded surface surrounding the units at 10m distance from any side of the unit it self on a free field with a reflecting surface. (in compliance with EN 13487).





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