

CONDENSATORI AD ARIA
AIR COOLED CONDENSERS
500-630-800



RIVACOLD

*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 aria orizzontale (standard) che con flusso 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:

500mm (resa nominale a DT 15 da 10,9Kw a 148Kw),
630mm (resa nominale a DT 15 da 13,7Kw a 426Kw),
800mm (resa nominale a DT 15 da 23,4Kw a 467Kw).

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)

General features

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

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 "PYRAMID" profile and internally grooved copper tubes.

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

500mm (rated capacity at DT 15 from 10,9Kw to 148Kw)

630mm (rated capacity at DT 15 from 13,7Kw to 426Kw)

800mm (rated capacity at DT 15 from 23,4Kw to 467Kw)

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)

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*

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 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 con azoto ad una pressione di 30 bar e caricate in pressione di azoto per la spedizione.

Motoventilatore

Il motoventilatore utilizzato ha le seguenti caratteristiche:

- rotore esterno
- doppia velocità (collegamento delta e star)
- alimentazione 400/3/50 Hz (400/3/60Hz, 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 motoventilatori 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 2,1mm fin spacing.

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

Manufacturing features

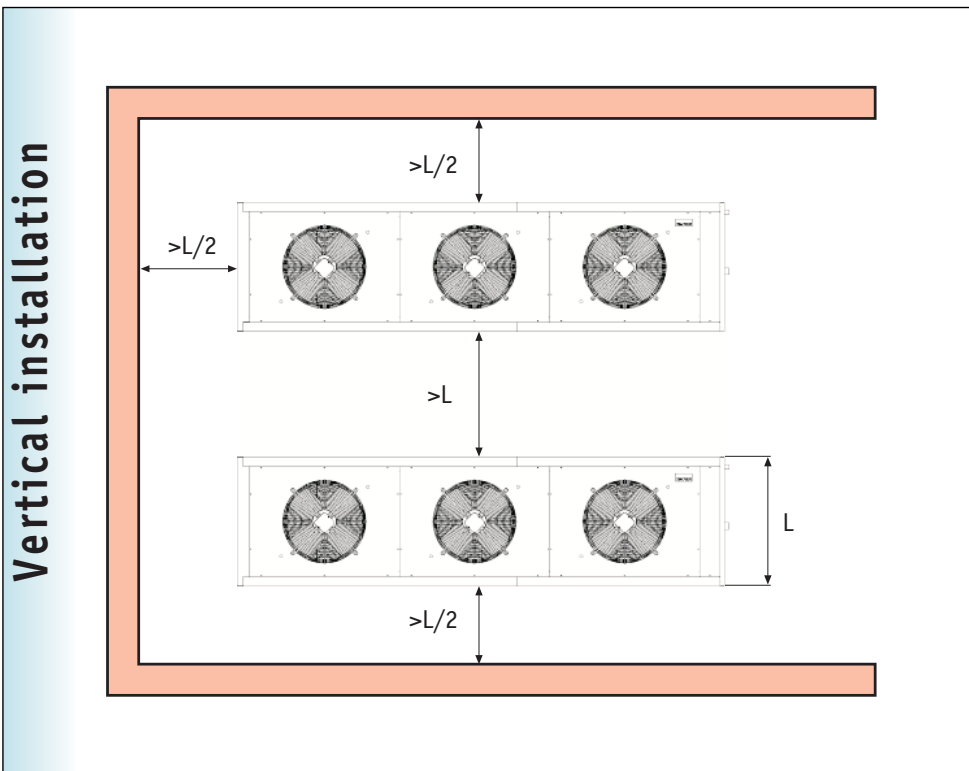
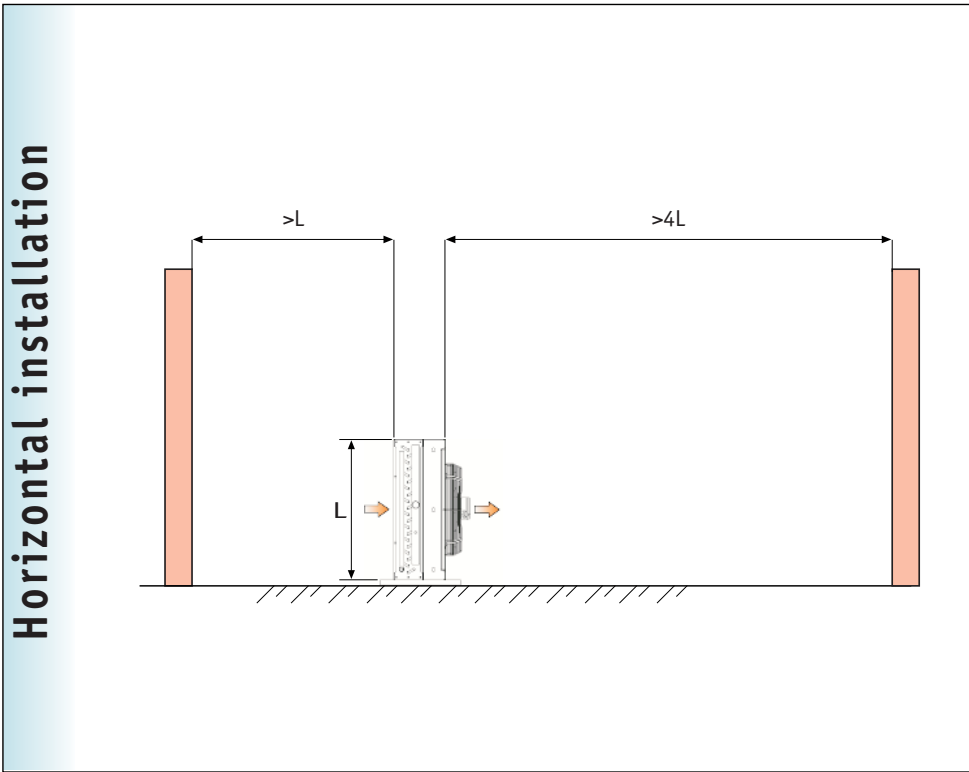


Tabella / Table

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



500 Ø



Tabella / Table

(D)	RRC045002V RRC045002S RRC045002A RRC045003V RRC045003S RRC045003A
(E)	RRC065002V RRC065002S RRC065002A RRC065003V RRC065003S RRC065003A



(D)



(E)

Technical features

Modello Model	Numero motoventilatori <i>Fan motors number</i>	Tipo di collegamento <i>Wiring type</i>	RPM	LpA 10m dB(A)	m ²	Portata d'aria <i>Air flow</i>		Potenza frigorifera <i>Refrigerating output</i>		Assorbimento motori (*) <i>Motor power consumption</i>		Peso netto <i>Net weight</i> Kg
						m ³ /h	ΔT 15	ΔT 10	W	A		
RRC015002V	1	DELTA STAR	1350 1100	41,5 36	40,5	8595 6630	19,3 16,8	12,7 11,0	690 480	1,34 0,81	74,20	
RRC015002S	1	DELTA STAR	930 800	31,5 27,5		5656 4086	15,4 12,7	10,2 8,38	270 190	0,69 0,40	72,40	
RRC015002A	1	DELTA STAR	680 560	max 23 max 23		4124 3234	12,7 10,9	8,33 7,23	150 90	0,40 0,18	72,20	
RRC015003V	1	DELTA STAR	1350 1100	41,5 36	60,7	8082 6033	24,6 20,5	16,3 13,6	690 480	1,34 0,81	80,55	
RRC015003S	1	DELTA STAR	930 800	31,5 27,5		5281 3715	18,7 14,6	12,5 9,74	270 190	0,69 0,40	78,75	
RRC015003A	1	DELTA STAR	680 560	max 23 max 23		3748 2979	14,6 12,3	9,78 8,12	150 90	0,40 0,18	78,55	
RRC025002V	2	DELTA STAR	1350 1100	44,5 39	81,0	17191 13261	39,3 34,2	25,9 22,4	1380 960	2,68 1,62	129,50	
RRC025002S	2	DELTA STAR	930 800	34,5 30,5		11313 8172	31,3 25,7	20,8 17,1	540 380	1,38 0,80	125,90	
RRC025002A	2	DELTA STAR	680 560	25,5 max 23		8248 6469	25,8 22,0	17,0 14,7	300 180	0,80 0,36	125,50	
RRC025003V	2	DELTA STAR	1350 1100	44,5 39	121,0	16164 12065	49,3 41,1	32,8 27,4	1380 960	2,68 1,62	142,10	
RRC025003S	2	DELTA STAR	930 800	34,5 30,5		10563 7430	37,6 29,2	25,1 19,6	540 380	1,38 0,80	138,50	
RRC025003A	2	DELTA STAR	680 560	25,5 max 23		7496 5958	29,4 24,7	19,7 16,3	300 180	0,80 0,36	138,10	
RRC035002V	3	DELTA STAR	1350 1100	46 40,5	121,0	25786 19891	58,6 51,0	38,4 33,3	2070 1440	4,02 2,43	186,50	
RRC035002S	3	DELTA STAR	930 800	36 32		16969 12258	46,6 38,2	30,8 25,4	810 570	2,07 1,20	181,10	
RRC035002A	3	DELTA STAR	680 560	27 max 23		12372 9703	38,5 32,8	25,2 21,8	450 270	1,20 0,54	180,50	
RRC035003V	3	DELTA STAR	1350 1100	46 40,5	182,0	24245 18098	74,2 61,7	49,3 41,1	2070 1440	4,02 2,43	205,40	
RRC035003S	3	DELTA STAR	930 800	36 32		15844 11145	56,5 43,8	37,6 29,4	810 570	2,07 1,20	200,00	
RRC035003A	3	DELTA STAR	680 560	27 max 23		11244 8937	44,1 37,0	29,5 24,4	450 270	1,20 0,54	199,40	
RRC045002V	4	DELTA STAR	1350 1100	47,5 42	162,0	34382 26522	78,6 68,5	51,7 44,9	2760 1920	5,36 3,24	234,80	
RRC045002S	4	DELTA STAR	930 800	37,5 33,5		22625 16344	62,6 51,4	41,5 34,2	1080 760	2,76 1,60	227,60	
RRC045002A	4	DELTA STAR	680 560	28,5 24,5		16496 12937	51,7 44,1	34,0 29,4	600 360	1,60 0,72	226,80	
RRC045003V	4	DELTA STAR	1350 1100	47,5 42	243,0	32327 24130	98,6 82,2	65,6 54,9	2760 1920	5,36 3,24	259,80	
RRC045003S	4	DELTA STAR	930 800	37,5 33,5		21125 14859	75,2 58,5	50,2 39,2	1080 760	2,76 1,60	252,60	
RRC045003A	4	DELTA STAR	680 560	28,5 24,5		14993 11916	58,9 49,4	39,4 32,7	600 360	1,60 0,72	251,80	
RRC065002V	6	DELTA STAR	1350 1100	49 43,5	243,0	51572 39782	117,0 102,0	76,8 66,7	4140 2880	8,04 4,86	337,90	
RRC065002S	6	DELTA STAR	930 800	39 35		33938 24516	93,1 76,4	61,6 50,8	1620 1140	4,14 2,40	327,10	
RRC065002A	6	DELTA STAR	680 560	30 26		24745 19406	76,9 65,6	50,5 43,7	900 540	2,40 1,08	325,90	
RRC065003V	6	DELTA STAR	1350 1100	49 43,5	364,0	48491 36195	148,0 123,0	98,6 82,3	4140 2880	8,04 4,86	375,20	
RRC065003S	6	DELTA STAR	930 800	39 35		31688 22289	113,0 87,7	75,2 58,8	1620 1140	4,14 2,40	364,40	
RRC065003A	6	DELTA STAR	680 560	30 26		22489 17874	88,3 74,0	59,0 48,9	900 540	2,40 1,08	363,20	

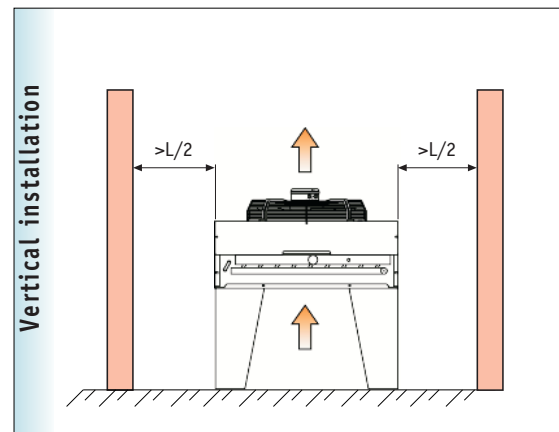
(*) Alimentazione elettrica: motoventilatori 400-3-50Hz
Power supply : fan motors 400V/3/50Hz

Manufacturing features

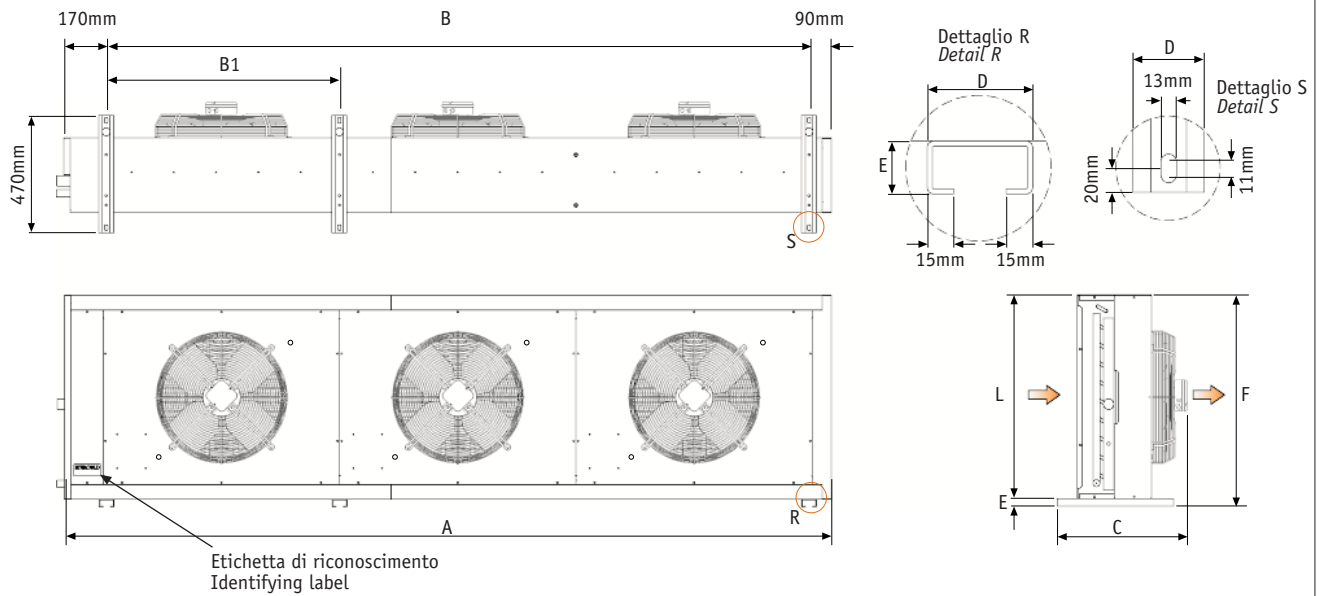
Serie RRC / RRC Range							
Modello Model	RRC	RRC015002V RRC015002S RRC015002A RRC015003V RRC015003S RRC015003A	RRC025002V RRC025002S RRC025002A RRC025003V RRC025003S RRC025003A	RRC035002V RRC035002S RRC035002A RRC035003V RRC035003S RRC035003A	RRC045002V RRC045002S RRC045002A RRC045003V RRC045003S RRC045003A	RRC065002V RRC065002S RRC065002A RRC065003V RRC065003S RRC065003A	
Horizontal installation	Dimensioni Dimensions (mm)	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	545	545
		D	60	60	60	70	70
		E	30	30	30	40	40
		F	849	849	849	1609	1609
Attacchi Connections	L	819	819	819	1569	1569	
		Ø ingresso Ø inlet (mm)	28	35	42	42	54
		Ø uscita Ø outlet (mm)	22	28	28	35	42

Serie RRC / RRC Range							
Modello Model	RRC	RRC015002V RRC015002S RRC015002A RRC015003V RRC015003S RRC015003A	RRC025002V RRC025002S RRC025002A RRC025003V RRC025003S RRC025003A	RRC035002V RRC035002S RRC035002A RRC035003V RRC035003S RRC035003A	RRC045002V RRC045002S RRC045002A RRC045003V RRC045003S RRC045003A	RRC065002V RRC065002S RRC065002A RRC065003V RRC065003S RRC065003A	
Vertical installation	Dimensioni Dimensions (mm)	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	L	Ø ingresso Ø inlet (mm)	28	35	42	42	54
		Ø uscita Ø outlet (mm)	22	28	28	35	42

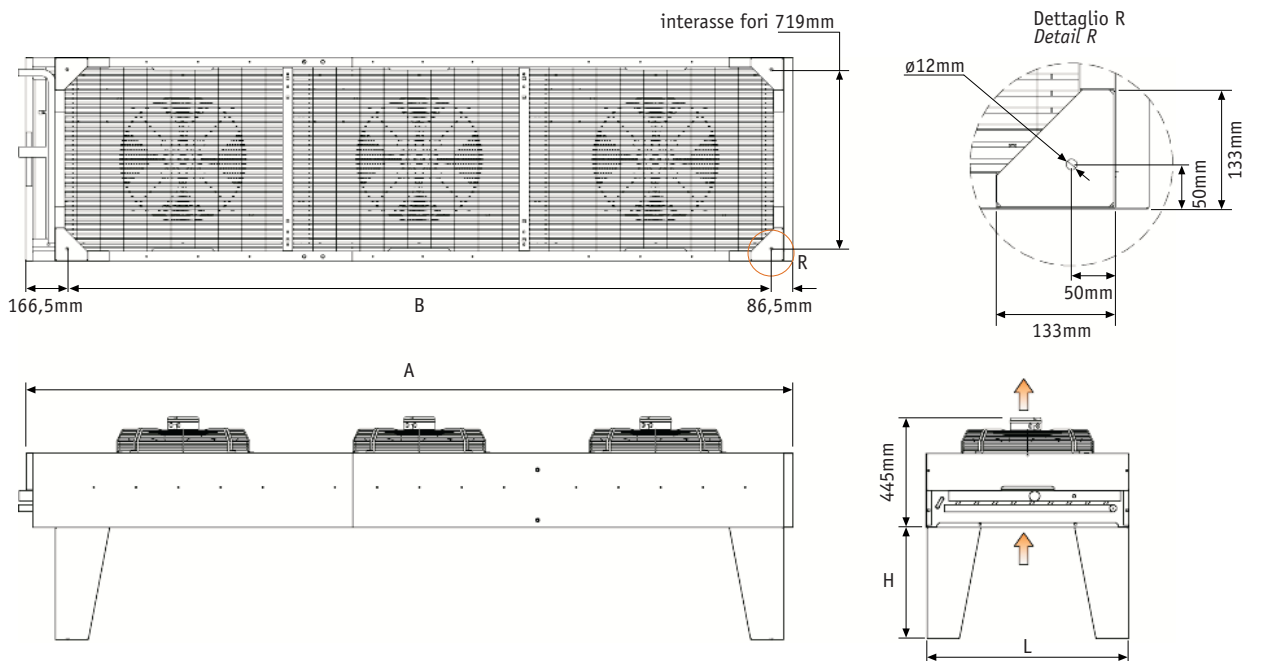
Riferimento gambe di supporto Support feet reference				
Vertical installation	Codice Code	Codice Code	H mm	Peso Weight Kg
	RRC0150 . . .	RRC0150KV05	450	11,5
	RRC0250 . . .	RRC0150KV05	450	11,5
	RRC0350 . . .	RRC0150KV05	450	11,5
	RRC0450 . . .	RRC0150KV05	450	11,5
	RRC0650 . . .	RRC0650KV05	450	17,2



3 fans model - Horizontal installation

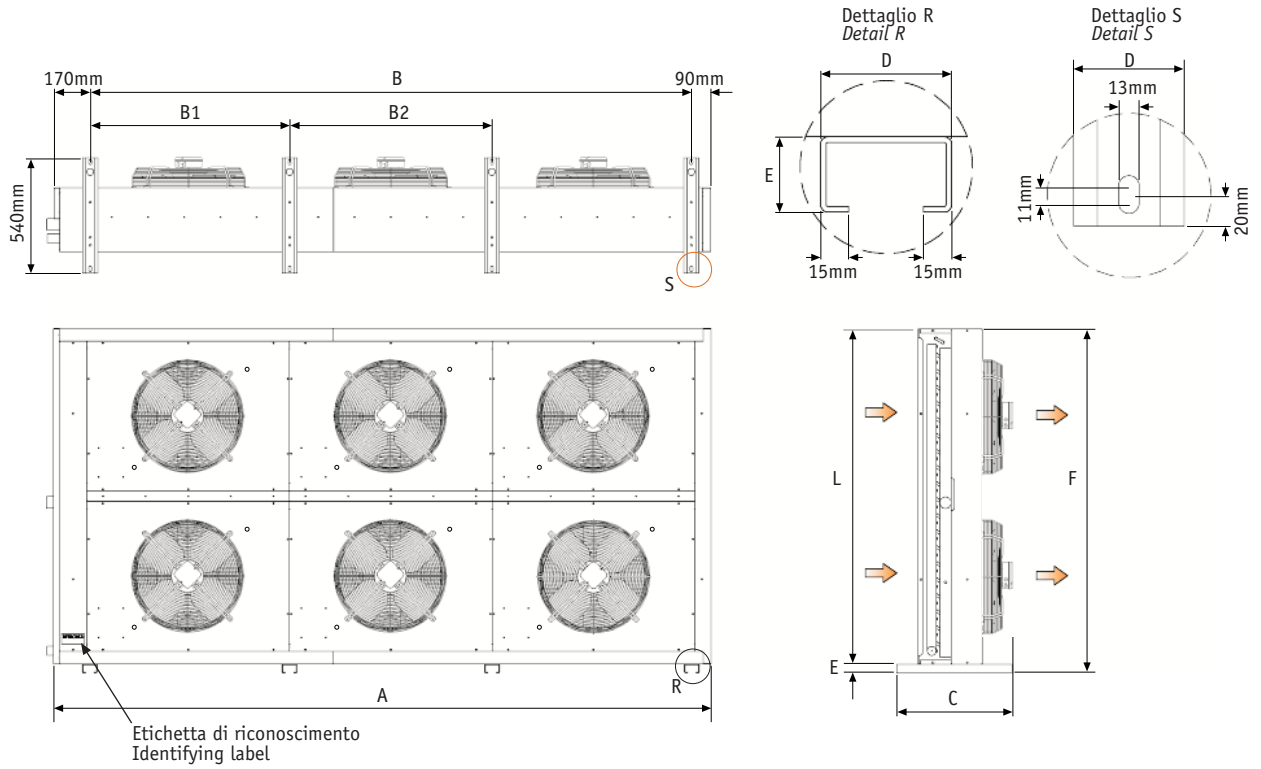


3 fans model - Vertical installation



Manufacturing features

6 fans model - Horizontal installation



6 fans model - Vertical installation

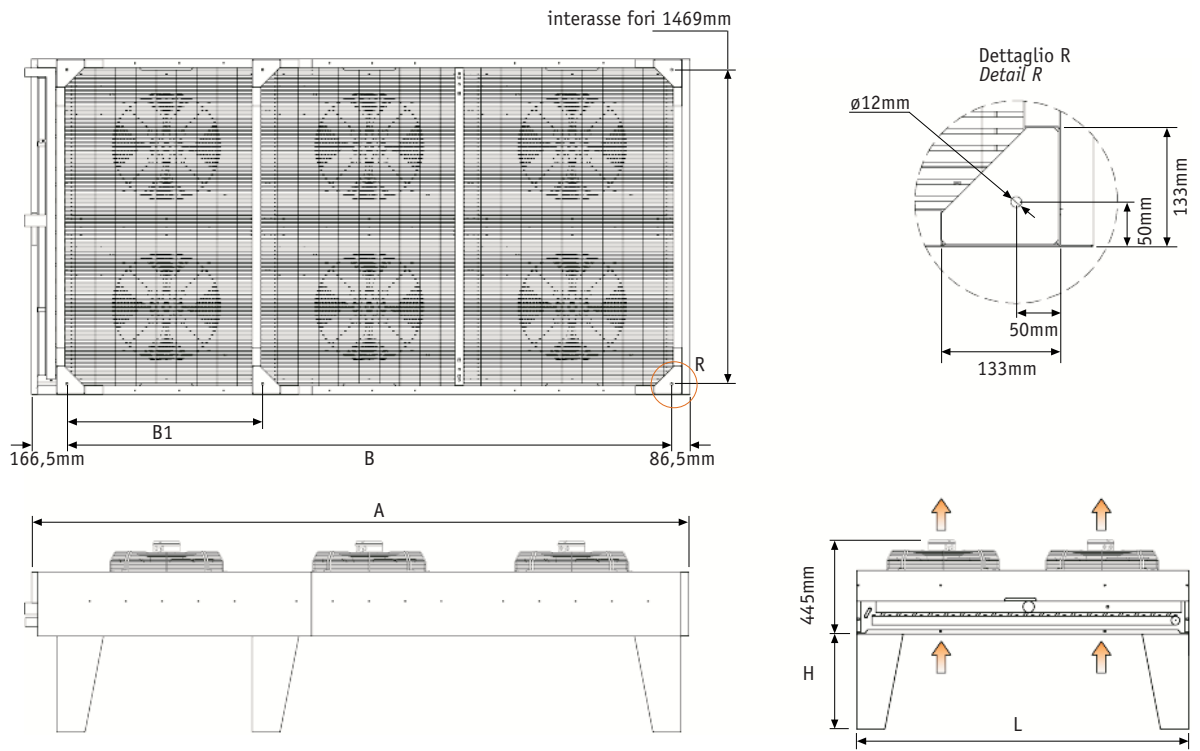


Tabella / Table

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



(A)

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



(B)

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



(C)

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



(D)



630 Ø

Tabella / Table

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

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



(E)



(F)

Technical features

Modello Model	Numero motoventilatori Fan motors number	Tipo di collegamento Wiring type	RPM	LpA 10m dB(A)	m ²	Portata d'aria Air flow m ³ /h	Potenza frigorifera Refrigerating output		Assorbimento motori (*) Motor power consumption		Peso netto Net weight Kg
							ΔT 15	ΔT 10	W	A	
RRC016302V	1	DELTA STAR	1320	49,5	65,6	18261	36,0	23,6	2630	4,78	127,00
			1050	43,5		14000	31,6	20,6	1750	2,95	
RRC016302S	1	DELTA STAR	890	35,5	65,6	10040	26,4	17,3	600	1,20	115,90
			690	29,5		8298	23,6	15,6	400	0,68	
RRC016302A	1	DELTA STAR	660	29,5	65,6	7298	21,8	14,3	330	0,83	115,90
			520	23,5		5699	18,7	12,4	190	0,39	
RRC016302N	1	DELTA STAR	450	max 23	65,6	4639	16,2	10,8	145	0,32	115,90
			275	max 23		3642	13,7	9,0	60	0,18	
RRC016303V	1	DELTA STAR	1320	49,5	98,5	17227	46,8	30,7	2630	4,78	136,20
			1050	43,5		13000	39,8	26,1	1750	2,95	
RRC016303S	1	DELTA STAR	890	35,5	98,5	9511	32,6	21,7	600	1,20	125,10
			690	29,5		7691	28,2	18,6	400	0,68	
RRC016303A	1	DELTA STAR	660	29,5	98,5	6866	26,0	17,2	330	0,83	125,10
			520	23,5		5190	21,1	14,2	190	0,39	
RRC016303N	1	DELTA STAR	450	max 23	98,5	4392	18,5	12,2	145	0,32	125,10
			275	max 23		3338	14,7	9,7	60	0,18	
RRC016304V	1	DELTA STAR	1320	49,5	131,0	16045	53,1	35,3	2630	4,78	145,80
			1050	43,5		12000	43,9	28,9	1750	2,95	
RRC016304S	1	DELTA STAR	890	35,5	131,0	8983	35,7	23,9	600	1,20	134,70
			690	29,5		7204	30,1	19,9	400	0,68	
RRC016304A	1	DELTA STAR	660	29,5	131,0	6433	27,5	18,2	330	0,83	134,70
			520	23,5		4808	21,5	14,6	190	0,39	
RRC016304N	1	DELTA STAR	450	max 23	131,0	4062	18,6	12,3	145	0,32	134,70
			275	max 23		3111	14,6	9,7	60	0,18	
RRC026302V	2	DELTA STAR	1320	52,5	131,0	36523	72,8	47,8	5260	9,56	221,20
			1050	46,5		27750	63,5	41,7	3500	5,90	
RRC026302S	2	DELTA STAR	890	38,5	131,0	20080	53,3	35,2	1200	2,40	199,00
			690	32,5		16597	47,7	31,6	800	1,36	
RRC026302A	2	DELTA STAR	660	32,5	131,0	14597	44,1	29,0	660	1,66	199,00
			520	26,5		11399	37,7	25,1	380	0,78	
RRC026302N	2	DELTA STAR	450	23,5	131,0	9278	32,8	21,8	290	0,64	199,00
			275	max 23		7208	27,3	18,2	120	0,36	
RRC026303V	2	DELTA STAR	1320	52,5	197,0	34455	93,7	61,3	5260	9,56	240,40
			1050	46,5		26000	79,4	52,1	3500	5,90	
RRC026303S	2	DELTA STAR	890	38,5	197,0	19023	65,1	43,3	1200	2,40	218,20
			690	32,5		15381	56,3	37,1	800	1,36	
RRC026303A	2	DELTA STAR	660	32,5	197,0	13731	51,9	34,2	660	1,66	218,20
			520	26,5		10379	42,1	28,3	380	0,78	
RRC026303N	2	DELTA STAR	450	23,5	197,0	8784	36,9	24,4	290	0,64	218,20
			275	max 23		6677	29,4	19,5	120	0,36	
RRC026304V	2	DELTA STAR	1320	52,5	263,0	32091	106,0	70,8	5260	9,56	258,70
			1050	46,5		24000	87,9	57,9	3500	5,90	
RRC026304S	2	DELTA STAR	890	38,5	263,0	17966	71,4	47,8	1200	2,40	236,50
			690	32,5		14408	60,2	39,8	800	1,36	
RRC026304A	2	DELTA STAR	660	32,5	263,0	12866	55,0	36,4	660	1,66	236,50
			520	26,5		9615	43,1	29,2	380	0,78	
RRC026304N	2	DELTA STAR	450	23,5	263,0	8124	37,2	24,7	290	0,64	236,50
			275	max 23		6221	29,2	19,4	120	0,36	

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

Technical features

Modello Model	Numero motoventilatori <i>Fan motors number</i>	Tipo di collegamento <i>Wiring type</i>	RPM	LpA 10m dB(A)	m ²	Portata d'aria <i>Air flow</i>		Potenza frigorifera <i>Refrigerating output</i>		Assorbimento motori (*) <i>Motor power consumption</i>		Peso netto <i>Net weight</i> Kg
						m ³ /h	ΔT 15	ΔT 10	W	A		
RRC036302V	3	DELTA STAR	1320	54	197,0	54784	109,0	71,6	7890	14,34	323,30	
			1050	48		41625	95,2	62,5	5250	8,85		
RRC036302S	3	DELTA STAR	890	40		30120	80,0	52,6	1800	3,60	290,00	
			690	34		24895	71,6	47,4	1200	2,04		
RRC036302A	3	DELTA STAR	660	34		21895	66,2	43,5	990	2,49	290,00	
			520	28		17098	56,5	37,7	570	1,17		
RRC036302N	3	DELTA STAR	450	25		13917	49,1	32,7	435	0,96	290,00	
			275	max 23		10926	41,3	27,2	180	0,54		
RRC036303V	3	DELTA STAR	1320	54		295,0	51682	140,0	92,2	7890	14,34	350,60
			1050	48			39000	119,0	78,7	5250	8,85	
RRC036303S	3	DELTA STAR	890	40	28534		98,1	65,5	1800	3,60	317,30	
			690	34	23072		85,0	56,1	1200	2,04		
RRC036303A	3	DELTA STAR	660	34	20597		78,4	51,8	990	2,49	317,30	
			520	28	15569		63,5	42,8	570	1,17		
RRC036303N	3	DELTA STAR	450	25	13175		55,7	36,8	435	0,96	317,30	
			275	max 23	10015		44,3	29,4	180	0,54		
RRC036304V	3	DELTA STAR	1320	54	394,0		48136	159,0	106,0	7890	14,34	378,00
			1050	48			36000	132,0	86,9	5250	8,85	
RRC036304S	3	DELTA STAR	890	40		26949	107,0	71,9	1800	3,60	344,70	
			690	34		21612	90,5	59,8	1200	2,04		
RRC036304A	3	DELTA STAR	660	34		19298	82,6	54,7	990	2,49	344,70	
			520	28		14423	64,7	43,9	570	1,17		
RRC036304N	3	DELTA STAR	450	25		12186	55,9	37,1	435	0,96	344,70	
			275	max 23		9332	43,9	29,2	180	0,54		
RRC046302V	4	DELTA STAR	1320	55		263,0	73046	145,0	95,7	10520	19,12	419,80
			1050	49			55500	127,0	83,8	7000	11,80	
RRC046302S	4	DELTA STAR	890	41	40160		107,0	70,7	2400	4,80	375,40	
			690	35	33194		95,8	63,6	1600	2,72		
RRC046302A	4	DELTA STAR	660	35	29193		88,7	58,4	1320	3,32	375,40	
			520	29	22797		75,7	50,7	760	1,56		
RRC046302N	4	DELTA STAR	450	26	18556		65,9	44,0	580	1,28	375,40	
			275	max 23	14416		54,9	36,6	240	0,72		
RRC046303V	4	DELTA STAR	1320	55	394,0		68909	188,0	123,0	10520	19,12	458,10
			1050	49			52000	160,0	105,0	7000	11,80	
RRC046303S	4	DELTA STAR	890	41		38046	131,0	87,3	2400	4,80	413,70	
			690	35		30762	113,0	74,7	1600	2,72		
RRC046303A	4	DELTA STAR	660	35		27462	104,0	68,9	1320	3,32	413,70	
			520	29		20579	84,6	57,0	760	1,56		
RRC046303N	4	DELTA STAR	450	26		17567	74,1	49,1	580	1,28	413,70	
			275	max 23		13354	59,0	39,1	240	0,72		
RRC046304V	4	DELTA STAR	1320	55		525,0	64182	213,0	142,0	10520	19,12	494,60
			1050	49			48000	176,0	116,0	7000	11,80	
RRC046304S	4	DELTA STAR	890	41	35932		143,0	95,6	2400	4,80	450,20	
			690	35	28817		120,0	79,7	1600	2,72		
RRC046304A	4	DELTA STAR	660	35	25731		110,0	72,8	1320	3,32	450,20	
			520	29	19230		86,2	58,4	760	1,56		
RRC046304N	4	DELTA STAR	450	26	16248		74,4	49,3	580	1,28	450,20	
			275	max 23	12443		58,4	38,8	240	0,72		

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

Technical features

Modello Model	Numero motoventilatori <i>Fan motors number</i>	Tipo di collegamento <i>Wiring type</i>	RPM	LpA 10m dB(A)	m ²	Portata d'aria <i>Air flow</i>		Potenza frigorifera <i>Refrigerating output</i>		Assorbimento motori (*) <i>Motor power consumption</i>		Peso netto <i>Net weight</i> Kg		
						m ³ /h	ΔT 15	ΔT 10	W	A				
RRC066302V	6	DELTA STAR	1320	57	394,0	109569	219,0	143,0	15780	28,68	626,20			
			1050	51		83250	190,0	125,0	10500	17,70				
			RRC066302S	6		DELTA STAR	890	43	60239	160,0		105,0	3600	7,20
							690	37	49791	143,0		94,8	2400	4,08
RRC066302A	6	DELTA STAR	660	37	394,0	43790	132,0	86,9	1980	4,98				
			520	31		34196	113,0	75,4	1140	2,34				
RRC066302N	6	DELTA STAR	450	28		27834	98,2	65,5	870	1,92				
			275	max 23		21852	82,5	54,4	360	1,08				
RRC066303V	6	DELTA STAR	1320	57	591,0	103364	280,0	184,0	15780	28,68				
			1050	51		78000	239,0	157,0	10500	17,70				
			RRC066303S	6		DELTA STAR	890	43	57069	196,0	131,0	3600	7,20	
							690	37	46143	170,0	112,0	2400	4,08	
RRC066303A	6	DELTA STAR	660	37	591,0	41193	157,0	104,0	1980	4,98				
			520	31		31138	127,0	85,7	1140	2,34				
RRC066303N	6	DELTA STAR	450	28		26351	111,0	73,7	870	1,92				
			275	max 23		20030	88,7	58,8	360	1,08				
RRC066304V	6	DELTA STAR	1320	57	788,0	96273	319,0	212,0	15780	28,68				
			1050	51		72000	264,0	174,0	10500	17,70				
			RRC066304S	6		DELTA STAR	890	43	53898	214,0	144,0	3600	7,20	
							690	37	43225	181,0	120,0	2400	4,08	
RRC066304A	6	DELTA STAR	660	37	788,0	38597	165,0	109,0	1980	4,98				
			520	31		28845	129,0	87,8	1140	2,34				
RRC066304N	6	DELTA STAR	450	28		24372	112,0	74,1	870	1,92				
			275	max 23		18664	87,7	58,3	360	1,08				
RRC086302V	8	DELTA STAR	1320	58	525,0	146092	290,0	191,0	21040	38,24				
			1050	52		111000	254,0	168,0	14000	23,60				
			RRC086302S	8		DELTA STAR	890	44	80319	214,0	141,0	4800	9,60	
							690	38	66388	192,0	127,0	3200	5,44	
RRC086302A	8	DELTA STAR	660	38	525,0	58386	177,0	117,0	2640	6,64				
			520	32		45595	151,0	101,0	1520	3,12				
RRC086302N	8	DELTA STAR	450	29		37113	132,0	87,9	1160	2,56				
			275	23,5		28833	110,0	73,1	480	1,44				
RRC086303V	8	DELTA STAR	1320	58	788,0	137819	375,0	247,0	21040	38,24				
			1050	52		104000	319,0	210,0	14000	23,60				
			RRC086303S	8		DELTA STAR	890	44	76092	262,0	175,0	4800	9,60	
							690	38	61524	226,0	149,0	3200	5,44	
RRC086303A	8	DELTA STAR	660	38	788,0	54924	209,0	138,0	2640	6,64				
			520	32		41518	169,0	114,0	1520	3,12				
RRC086303N	8	DELTA STAR	450	29		35134	148,0	98,1	1160	2,56				
			275	23,5		26707	118,0	78,3	480	1,44				
RRC086304V	8	DELTA STAR	1320	58	1050,0	128364	426,0	284,0	21040	38,24				
			1050	52		96000	352,0	232,0	14000	23,60				
			RRC086304S	8		DELTA STAR	890	44	71864	286,0	191,0	4800	9,60	
							690	38	57633	241,0	159,0	3200	5,44	
RRC086304A	8	DELTA STAR	660	38	1050,0	51462	220,0	146,0	2640	6,64				
			520	32		38460	172,0	117,0	1520	3,12				
RRC086304N	8	DELTA STAR	450	29		32496	149,0	98,7	1160	2,56				
			275	23,5		24886	117,0	77,7	480	1,44				

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

Manufacturing features
Serie RRC / RRC Range

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

Serie RRC / RRC Range

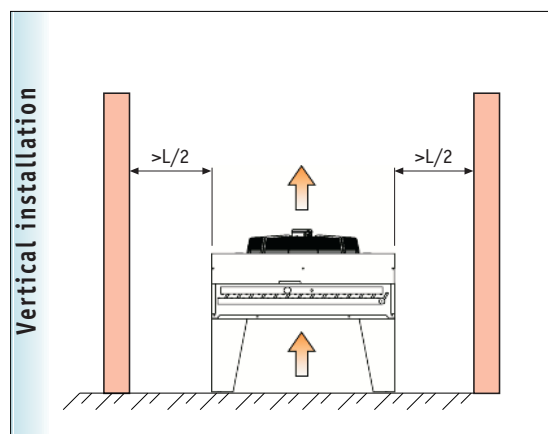
	Modello Model	RRC	RRC016302_	RRC026302_	RRC036302_	RRC046302_	RRC066302_	RRC086302_
			RRC016303_	RRC026303_	RRC036303_	RRC046303_	RRC066303_	RRC086303_
			RRC016304_	RRC026304_	RRC036304_	RRC046304_	RRC066304_	RRC086304_
Vertical installation Dimensioni Dimensions (mm)	A		1333	2433	3533	4633	3660	4765
	B		1081	2181	3281	4381	3276	4376
	B1		-	-	-	2165	1033	2133
	B2		-	-	-	2216	2243	2243
	D		-	-	-	-	-	-
	E		-	-	-	-	-	-
	F		-	-	-	-	-	-
	L		1125	1125	1125	1125	2175	2175

Serie RRC / RRC Range

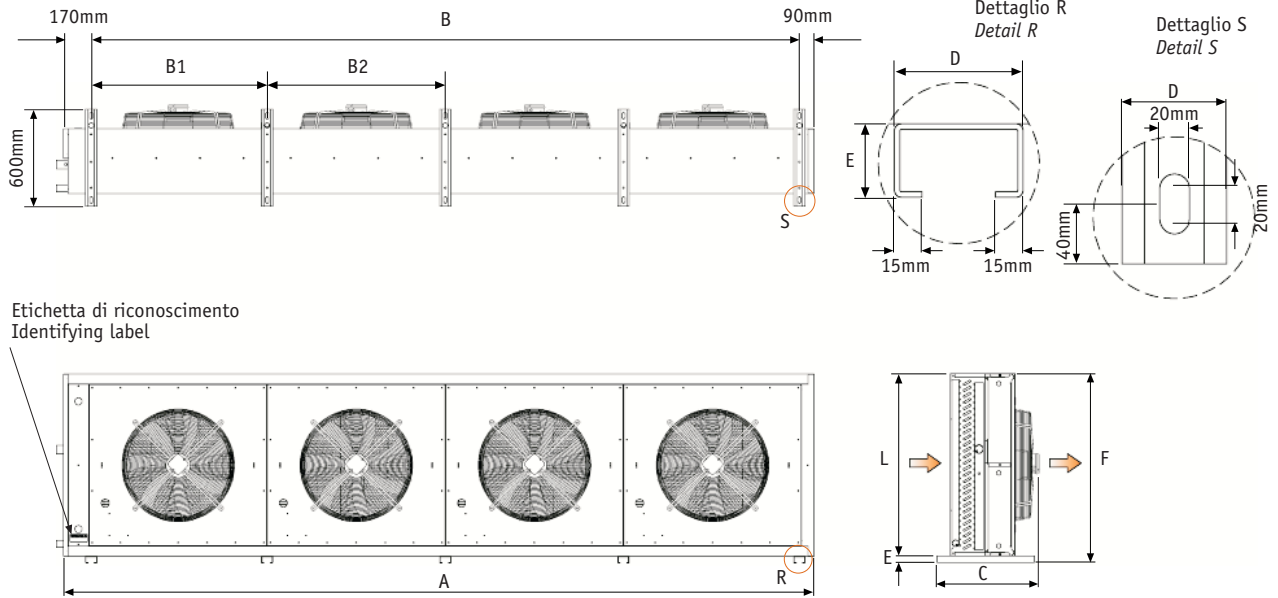
Modello Model	RRC	RRC016302_	RRC016303_	RRC016304_	RRC026302_	RRC026303_	RRC026304_	RRC036302_	RRC036303_	RRC036304_	RRC046302_	RRC046303_	RRC046304_	RRC066302_	RRC066303_	RRC066304_	RRC086302_	RRC086303_	RRC086304_
		Attacchi Connections	Ø ingresso Ø inlet (mm)	35	35	35	42	42	42	42	42	42	54	54	54	67	54	54	54
	Ø uscita Ø outlet (mm)	28	28	28	35	35	35	35	35	35	42	42	42	54	42	42	42	42	2x42

**Riferimento gambe di supporto
Support feet reference**

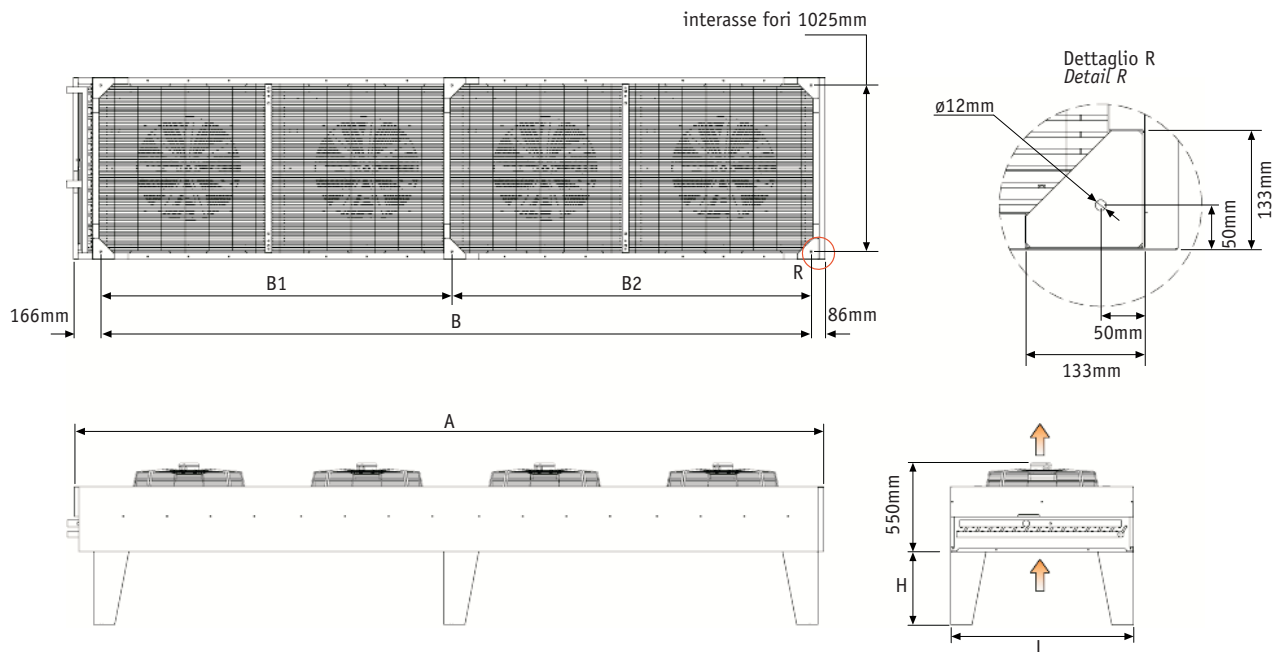
Vertical installation	Codice Code	Codice Code	H mm	Peso Weight Kg
	RRC0163 . . .	RRC0150KV05		450
RRC0263 . . .	RRC0150KV05		450	11,5
RRC0363 . . .	RRC0150KV05		450	11,5
RRC0463 . . .	RRC0650KV05		450	17,2
RRC0663 . . .	RRC0663KV06		600	57,7
RRC0863 . . .	RRC0863KV06		600	60,2



4 fans model - Horizontal installation



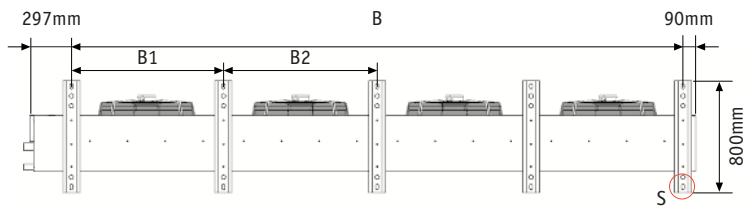
4 fans model - Vertical installation



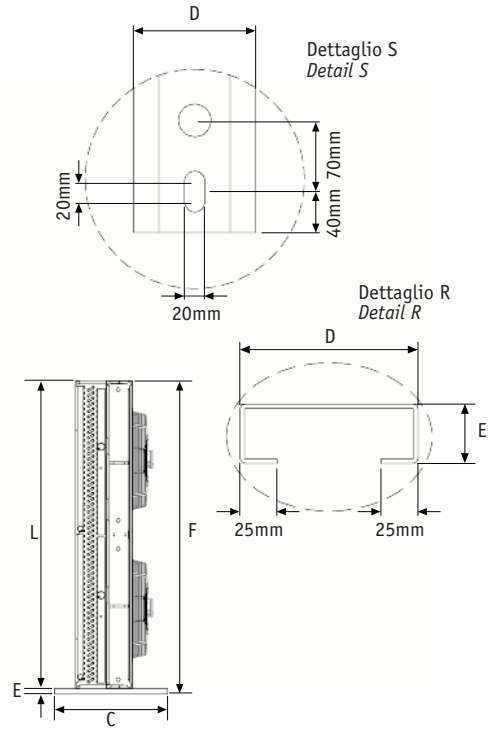
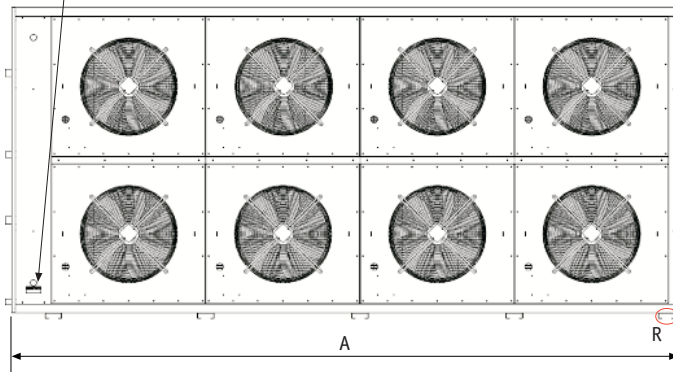
Caratteristiche costruttive

Manufacturing features

8 fans model - Horizontal installation



Etichetta di riconoscimento
Identifying label



8 fans model - Vertical installation

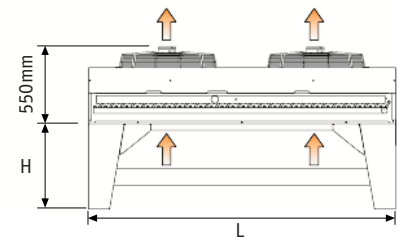
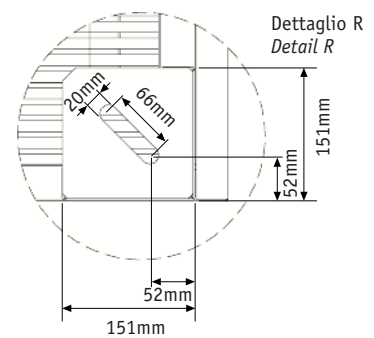
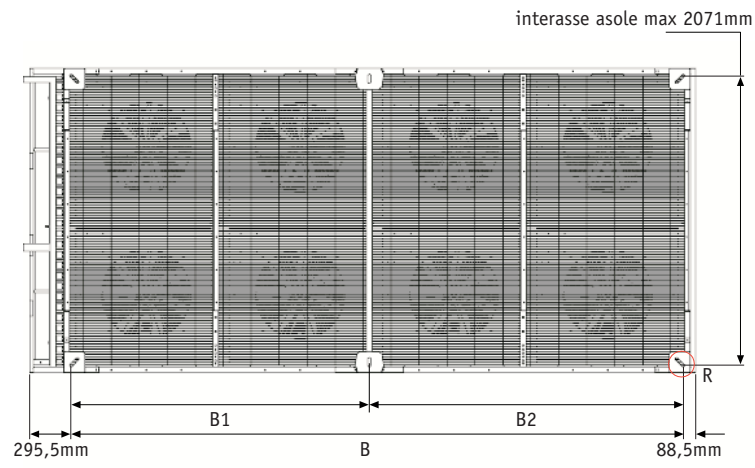


Tabella / Table

- (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

Tabella / Table

- (E) RRC068002S
RRC068002A
RRC068002N
RRC068003S
RRC068003A
RRC068003N
RRC068004S
RRC068004A
RRC068004N

- (F) RRC088002S
RRC088002A
RRC088002N
RRC088003S
RRC088003A
RRC088003N
RRC088004S
RRC088004A
RRC088004N



(E)



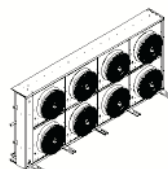
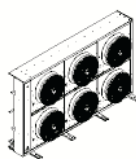
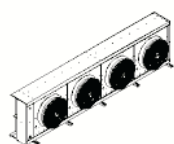
(F)

Technical features

Modello Model	Numero motoventilatori <i>Fan motors number</i>	Tipo di collegamento <i>Wiring type</i>	RPM	LpA 10m dB(A)	m ²	Portata d'aria <i>Air flow</i> m ³ /h	Potenza frigorifera <i>Refrigerating output</i> kW		Assorbimento motori (*) <i>Motor power consumption</i>		Peso netto <i>Net weight</i> Kg
							ΔT 15	ΔT 10	W	A	
RRC018002S	1	DELTA STAR	880 670	46,5 40,5	81,8	21505 15832	43,6 37,3	28,3 24,6	1940 1210	3,90 2,23	177,10
RRC018002A	1	DELTA STAR	660 485	39,5 32,5		16094 12675	37,6 33,0	24,8 21,8	990 580	2,37 1,21	177,10
RRC018002N	1	DELTA STAR	435 340	29,5 23,5		9504 7179	27,9 23,4	18,5 15,5	360 200	1,12 0,47	173,10
RRC018003S	1	DELTA STAR	880 670	46,5 40,5	123,0	19417 14149	55,2 45,6	36,1 29,9	1940 1210	3,90 2,23	188,80
RRC018003A	1	DELTA STAR	660 485	39,5 32,5		14570 11300	46,4 39,4	30,9 26,3	990 580	2,37 1,21	188,80
RRC018003N	1	DELTA STAR	435 340	29,5 23,5		8547 6437	32,4 26,2	21,7 17,3	360 200	1,12 0,47	184,80
RRC018004S	1	DELTA STAR	880 670	46,5 40,5	164,0	17329 12466	60,3 48,1	40,3 32,3	1940 1210	3,90 2,23	200,70
RRC018004A	1	DELTA STAR	660 485	39,5 32,5		13656 10200	51,3 41,4	33,9 27,4	990 580	2,37 1,21	200,70
RRC018004N	1	DELTA STAR	435 340	29,5 23,5		7781 5695	33,4 25,7	22,6 17,4	360 200	1,12 0,47	196,70
RRC028002S	2	DELTA STAR	880 670	49,5 43,5	164,0	43011 31664	87,2 74,6	56,7 49,2	3880 2420	7,80 4,46	298,40
RRC028002A	2	DELTA STAR	660 485	42,5 35,5		32187 25350	75,3 66,0	49,6 43,7	1980 1160	4,74 2,42	298,40
RRC028002N	2	DELTA STAR	435 340	32,5 26,5		19008 14359	55,9 46,7	37,0 31,1	720 400	2,24 0,94	290,40
RRC028003S	2	DELTA STAR	880 670	49,5 43,5	246,0	38835 28298	110,0 91,2	72,4 59,9	3880 2420	7,80 4,46	321,30
RRC028003A	2	DELTA STAR	660 485	42,5 35,5		29140 22600	92,9 78,8	61,8 52,7	1980 1160	4,74 2,42	321,30
RRC028003N	2	DELTA STAR	435 340	32,5 26,5		17094 12875	64,8 52,3	43,4 34,6	720 400	2,24 0,94	313,30
RRC028004S	2	DELTA STAR	880 670	49,5 43,5	327,0	34658 24932	121,0 96,3	80,7 64,8	3880 2420	7,80 4,46	344,30
RRC028004A	2	DELTA STAR	660 485	42,5 35,5		27312 20400	103,0 83,0	67,8 54,8	1980 1160	4,74 2,42	344,30
RRC028004N	2	DELTA STAR	435 340	32,5 26,5		15562 11390	67,0 51,4	45,2 34,9	720 400	2,24 0,94	336,30
RRC038002S	3	DELTA STAR	880 670	51 45	246,0	64517 47497	133,0 114,0	86,7 75,2	5820 3630	11,7 6,69	428,50
RRC038002A	3	DELTA STAR	660 485	44 37		48281 38025	115,0 101,0	75,7 66,7	2970 1740	7,11 3,63	428,50
RRC038002N	3	DELTA STAR	435 340	34 28		28511 21539	85,0 71,1	56,5 47,4	1080 600	3,36 1,41	416,50
RRC038003S	3	DELTA STAR	880 670	51 45	368,0	58252 42447	166,0 137,0	109,0 89,9	5820 3630	11,7 6,69	465,00
RRC038003A	3	DELTA STAR	660 485	44 37		43711 33900	140,0 118,0	92,8 79,0	2970 1740	7,11 3,63	465,00
RRC038003N	3	DELTA STAR	435 340	34 28		25640 19312	97,2 78,5	65,1 51,9	1080 600	3,36 1,41	453,00
RRC038004S	3	DELTA STAR	880 670	51 45	491,0	51988 37398	181,0 144,0	121,0 96,7	5820 3630	11,7 6,69	503,40
RRC038004A	3	DELTA STAR	660 485	44 37		40969 30600	154,0 124,0	101,0 81,8	2970 1740	7,11 3,63	503,40
RRC038004N	3	DELTA STAR	435 340	34 28		23344 17086	100,0 76,9	67,4 52,1	1080 600	3,36 1,41	491,40

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

Technical features



Modello Model	Numero motoventilatori <i>Fan motors number</i>	Tipo di collegamento <i>Wiring type</i>	RPM	LpA 10m dB(A)	m ²	Portata d aria <i>Air flow</i>		Potenza frigorifera <i>Refrigerating output</i>		Assorbimento motori (*) <i>Motor power consumption</i>		Peso netto <i>Net weight</i> Kg
						m ³ /h	ΔT 15	ΔT 10	W	A		
RRC048002S	4	DELTA STAR	880 670	52 46	327,0	86023 63329	174,0 149,0	114,0 98,5	7760 4840	15,60 8,92	558,60	
RRC048002A	4	DELTA STAR	660 485	45 38		64375 50700	151,0 132,0	99,2 87,4	3960 2320	9,48 4,84	558,60	
RRC048002N	4	DELTA STAR	435 340	35 29		38015 28719	112,0 93,5	74,0 62,2	1440 800	4,48 1,88	542,60	
RRC048003S	4	DELTA STAR	880 670	52 46	491,0	77670 56596	221,0 183,0	145,0 120,0	7760 4840	15,60 8,92	599,80	
RRC048003A	4	DELTA STAR	660 485	45 38		58281 45200	186,0 158,0	124,0 104,0	3960 2320	9,48 4,84	599,80	
RRC048003N	4	DELTA STAR	435 340	35 29		34187 25750	130,0 105,0	87,3 69,6	1440 800	4,48 1,88	583,80	
RRC048004S	4	DELTA STAR	880 670	52 46	655,0	69317 49864	242,0 193,0	162,0 130,0	7760 4840	15,60 8,92	649,60	
RRC048004A	4	DELTA STAR	660 485	45 38		54625 40800	206,0 166,0	136,0 110,0	3960 2320	9,48 4,84	649,60	
RRC048004N	4	DELTA STAR	435 340	35 29		31125 22781	134,0 103,0	90,4 69,8	1440 800	4,48 1,88	633,60	
RRC068002S	6	DELTA STAR	880 670	54 48	460,0	124857 92974	253,0 218,0	165,0 144,0	11640 7260	23,40 13,38	763,80	
RRC068002A	6	DELTA STAR	660 485	47 40		94734 74400	220,0 193,0	145,0 127,0	5940 3480	14,22 7,26	763,80	
RRC068002N	6	DELTA STAR	435 340	37 31		55875 42187	164,0 137,0	107,0 90,2	2160 1200	6,72 2,82	739,80	
RRC068003S	6	DELTA STAR	880 670	54 48	691,0	112328 82875	316,0 263,0	207,0 173,0	11640 7260	23,40 13,38	832,00	
RRC068003A	6	DELTA STAR	660 485	47 40		85594 66150	269,0 228,0	176,0 152,0	5940 3480	14,22 7,26	832,00	
RRC068003N	6	DELTA STAR	435 340	37 31		50133 36844	188,0 149,0	126,0 98,6	2160 1200	6,72 2,82	808,00	
RRC068004S	6	DELTA STAR	880 670	54 48	921,0	101887 72776	350,0 277,0	233,0 186,0	11640 7260	23,40 13,38	903,70	
RRC068004A	6	DELTA STAR	660 485	47 40		78281 57900	292,0 234,0	192,0 158,0	5940 3480	14,22 7,26	903,70	
RRC068004N	6	DELTA STAR	435 340	37 31		44390 33281	190,0 149,0	131,0 98,7	2160 1200	6,72 2,82	879,70	
RRC088002S	8	DELTA STAR	880 670	55 49	614,0	166476 123965	332,0 286,0	216,0 189,0	15520 9680	31,20 17,84	1001,70	
RRC088002A	8	DELTA STAR	660 485	48 41		126312 99200	289,0 254,0	190,0 166,0	7920 4640	18,96 9,68	1001,70	
RRC088002N	8	DELTA STAR	435 340	38 32		74500 56250	215,0 180,0	141,0 118,0	2880 1600	8,96 3,76	969,70	
RRC088003S	8	DELTA STAR	880 670	55 49	921,0	149771 110500	420,0 352,0	277,0 231,0	15520 9680	31,20 17,84	1078,90	
RRC088003A	8	DELTA STAR	660 485	48 41		114125 88200	359,0 305,0	236,0 201,0	7920 4640	18,96 9,68	1078,90	
RRC088003N	8	DELTA STAR	435 340	38 32		66844 49125	252,0 200,0	169,0 132,0	2880 1600	8,96 3,76	1046,90	
RRC088004S	8	DELTA STAR	880 670	55 49	1228,0	135850 97035	467,0 371,0	312,0 250,0	15520 9680	31,20 17,84	1171,70	
RRC088004A	8	DELTA STAR	660 485	48 41		104375 77200	391,0 313,0	258,0 211,0	7920 4640	18,96 9,68	1171,70	
RRC088004N	8	DELTA STAR	435 340	38 32		59187 44375	254,0 199,0	175,0 132,0	2880 1600	8,96 3,76	1139,70	

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

Manufacturing features

Serie RRC / RRC Range

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

Serie RRC / RRC Range

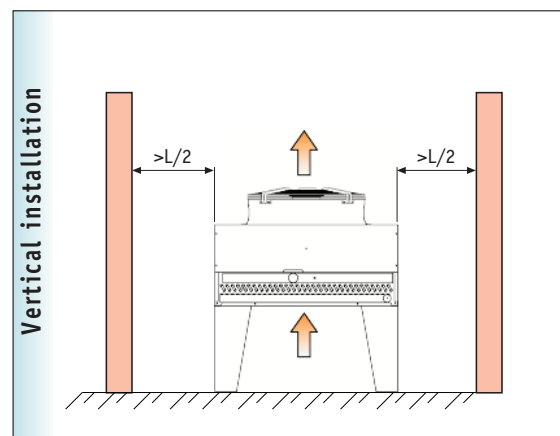
Vertical installation	Modello Model	RRC	RRC018002_	RRC028002_	RRC038002_	RRC048002_	RRC068002_	RRC088002_
			RRC018003_	RRC028003_	RRC038003_	RRC048003_	RRC068003_	RRC088003_
			RRC018004_	RRC028004_	RRC038004_	RRC048004_	RRC068004_	RRC088004_
Dimensioni Dimensions (mm)	A		1560	2760	3960	5160	3960	5160
	B		1176	2376	3576	4776	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

Serie RRC / RRC Range

Modello Model	RRC	RRC018002_	RRC018003_	RRC018004_	RRC028002_	RRC028003_	RRC028004_	RRC038002_	RRC038003_	RRC038004_	RRC048002_	RRC048003_	RRC048004_	RRC068002_	RRC068003_	RRC068004_	RRC088002_	RRC088003_	RRC088004_
		Attacchi Connections	Ø ingresso Ø inlet (mm)	35	42	42	54	67	67	54	67	67	54	67	67	2x42	2x54	2x67	2x67
	Ø uscita Ø outlet (mm)	28	35	35	42	54	54	42	54	54	42	54	54	2x35	2x42	2x54	2x54	2x42	2x54

Riferimento gambe di supporto Support feet reference

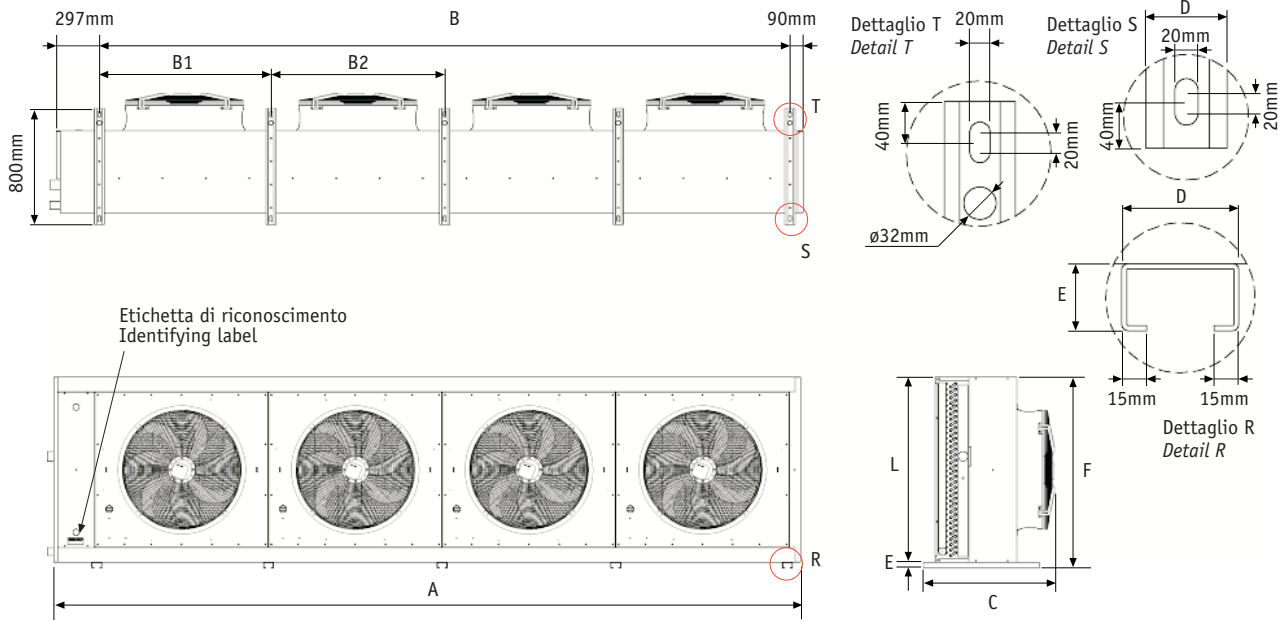
Vertical installation	Codice Code	Codice Code	H mm	Peso Weight Kg
	RRC0180 . . .	RRC0180KV06	600	22,2
	RRC0280 . . .	RRC0180KV06	600	22,2
	RRC0380 . . .	RRC0180KV06	600	22,2
	RRC0480 . . .	RRC0480KV06	600	32,2
	RRC0680 . . .	RRC0680KV06	600	59,3
	RRC0880 . . .	RRC0880KV06	600	62,1



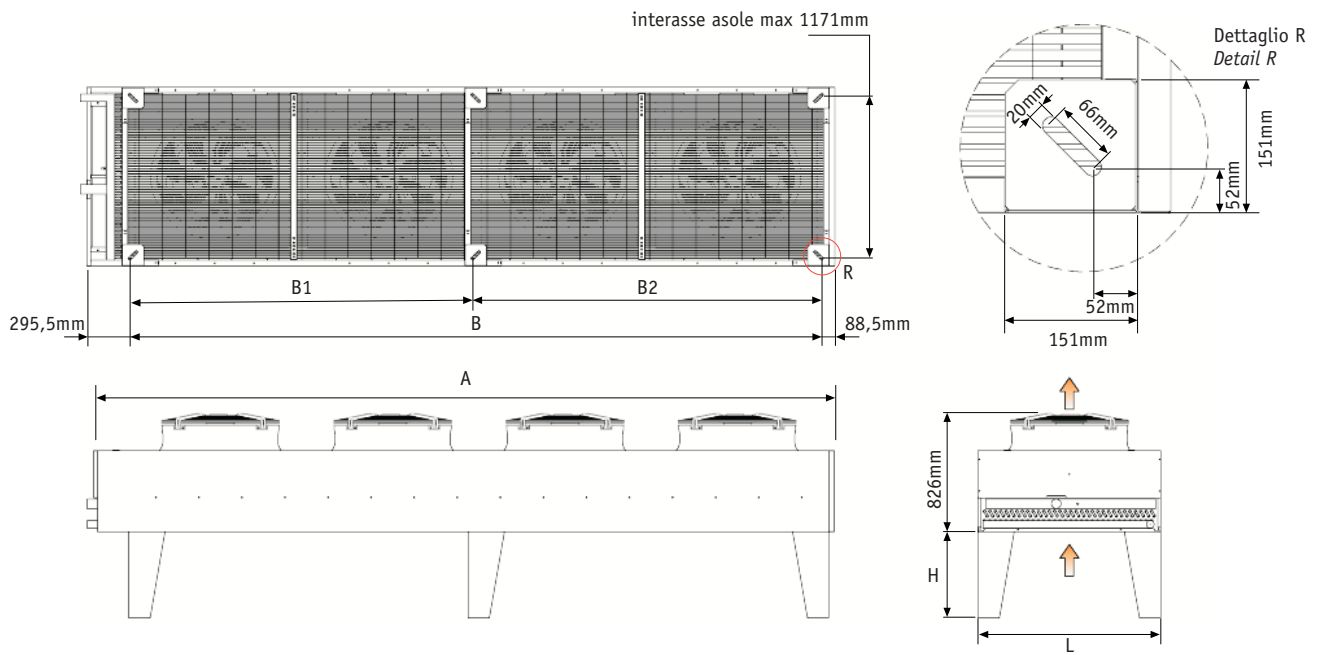
Caratteristiche costruttive

Manufacturing features

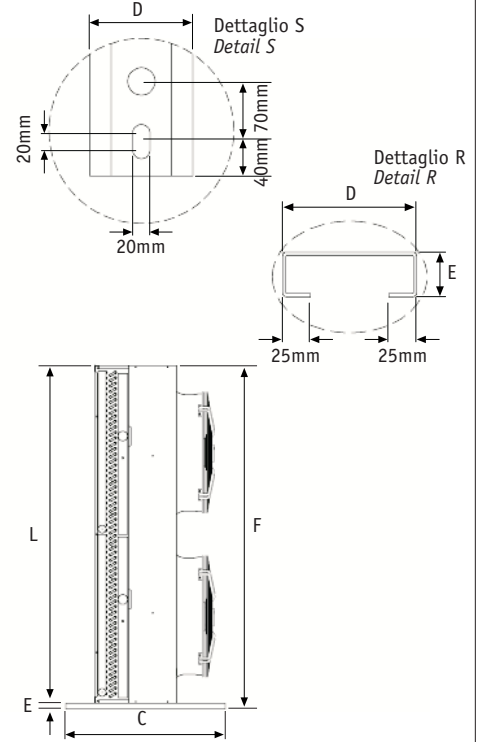
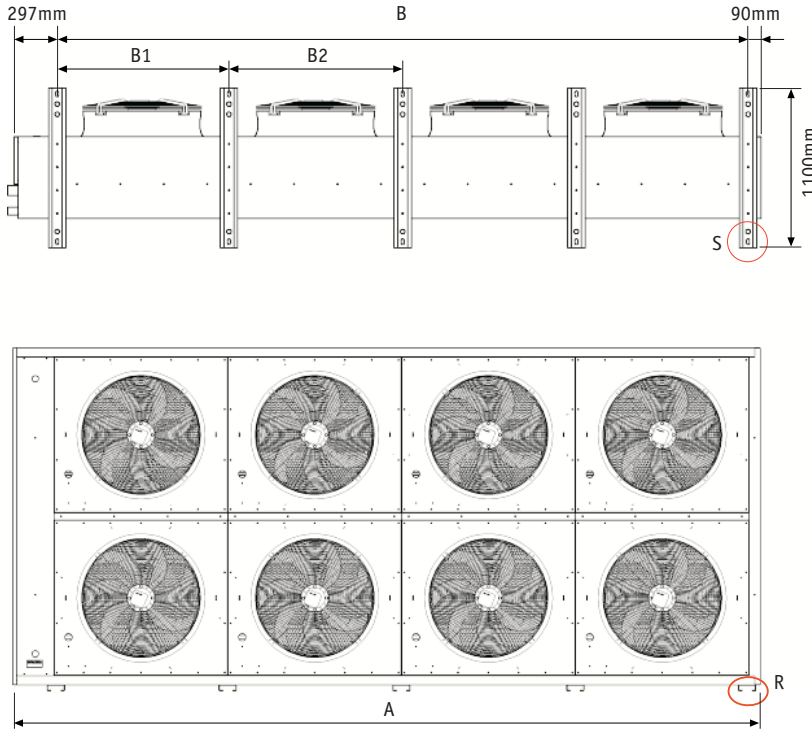
4 fans model - Horizontal installation



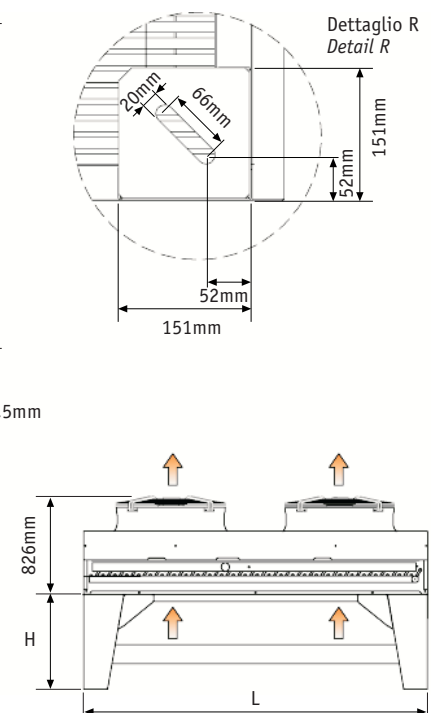
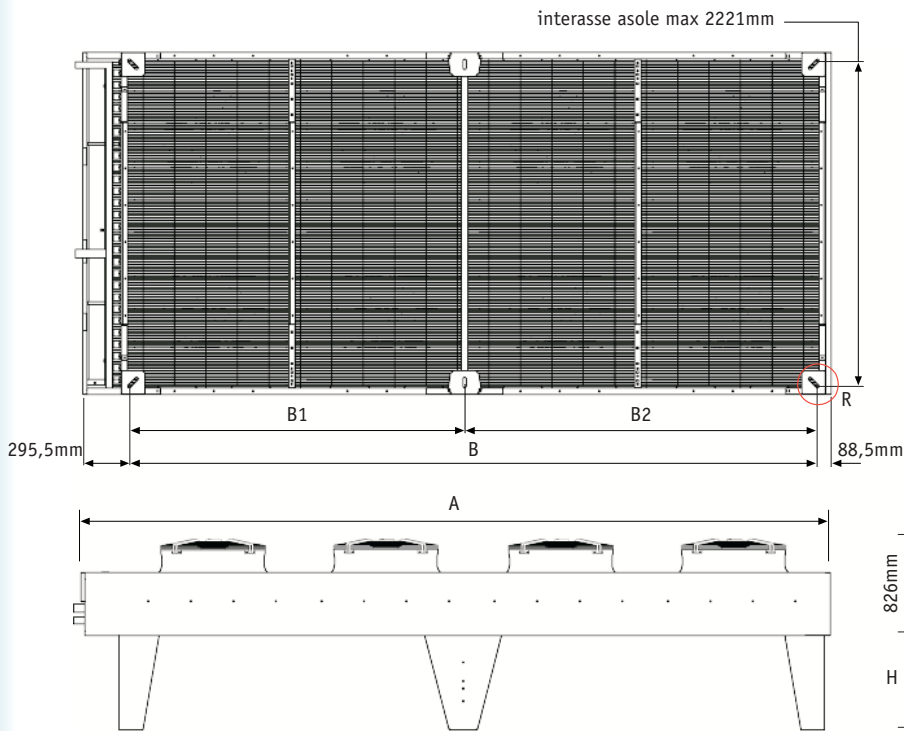
4 fans model - Vertical installation



8 fans model - Horizontal installation



8 fans model - Vertical installation



Scelta condensatore

500_630_800 Ø RRC

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 7; diametro 630 pag 11,12,13; diametro 800 pag 19,20)

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): ΔT 10 e ΔT 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; 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 7; 630 diameter at page 11,12,13; 800mm diameter at page 19,20).

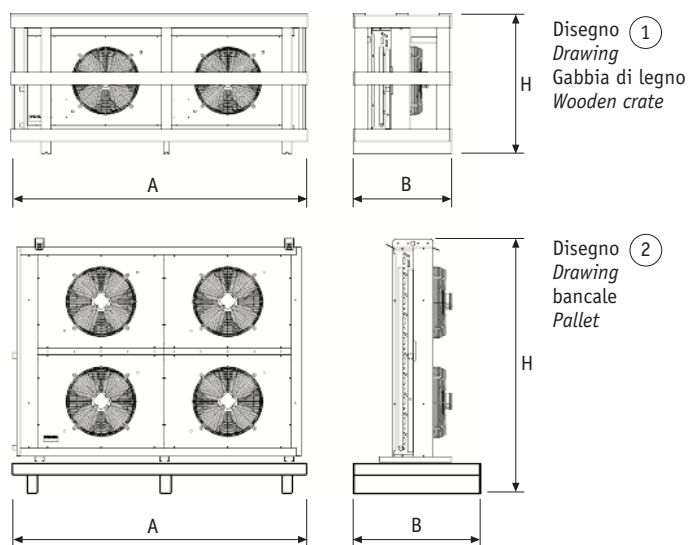
In these tables are quoted refrigerating output calculated for an ambient temperature of 32°C at two different ΔT (difference between the inlet air temperature and the refrigerating gas condensing temperature): ΔT 10 and ΔT 15.

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; R407C=0,90; R507=1. The parameters valid for the condenser selection are: the ΔT value and the heat load.

Dimensioni imballi

Packages dimensions

Codice Code	Dimensione imballo condensatore Condenser package dimensions				
	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	756	1092	77,2	1
RRC0450 ...	2275	835	1805	31	2
RRC0650 ...	3225	835	1805	42	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
RRC0663 ...	3900	845	2409	64	2
RRC0863 ...	5000	845	2409	81	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	1
RRC0680 ...	4200	1120	2559	76	2
RRC0880 ...	5400	1120	2559	97	2



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 $1m^2$
- S_d : Superficie del parallelepipedo alla distanza di 10m

Noise levels calculation

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

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

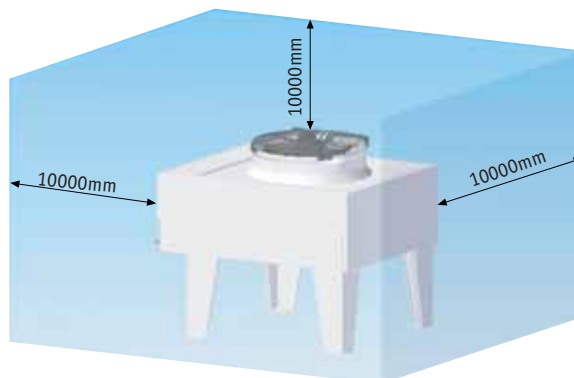
When

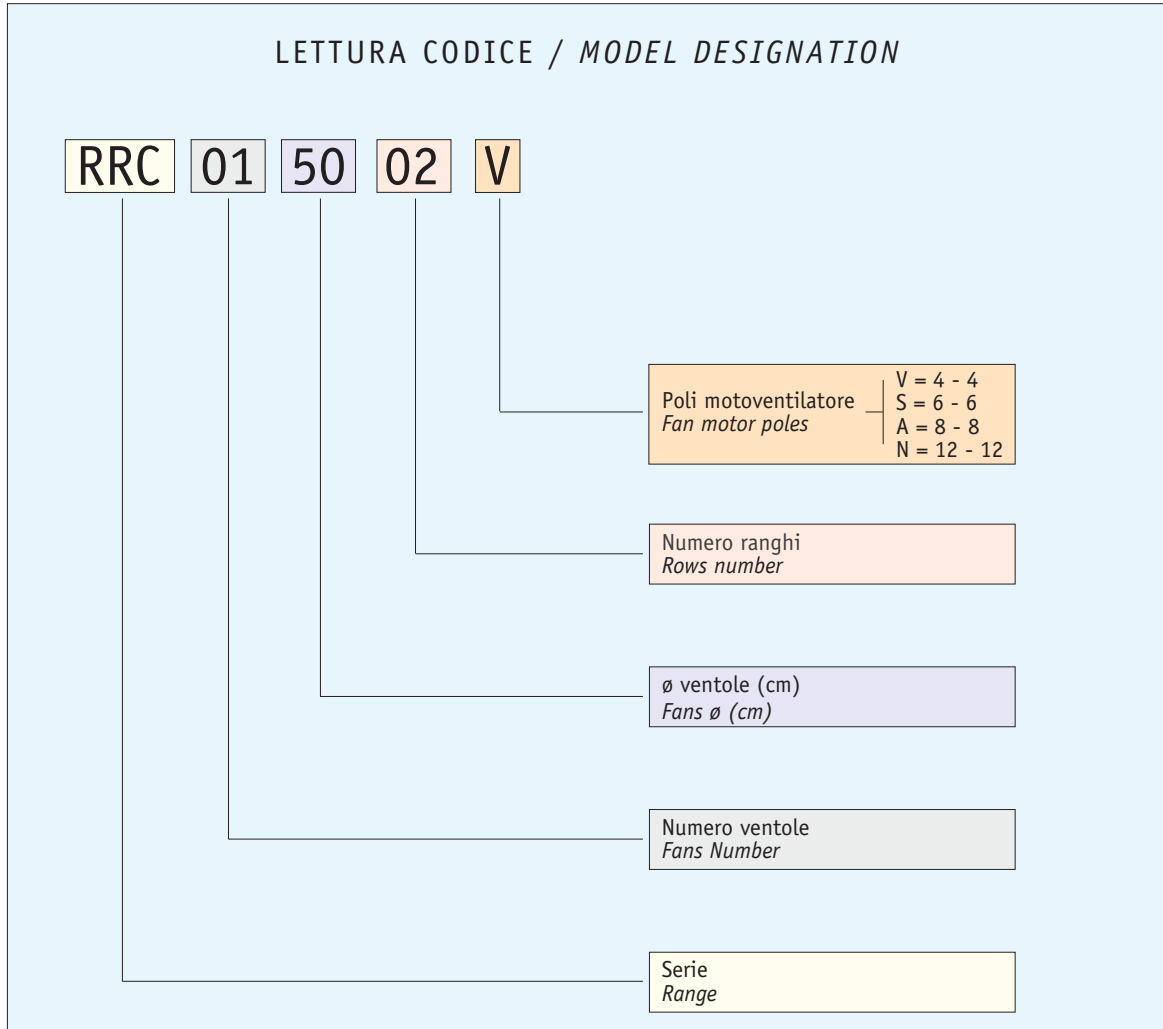
- L_p : Mean sound pressure level of the unit on a parallelepiped surface
- L_w : Power sound level of the unit
- S_o : Reference surface taken into account $1m^2$
- S_d : Parallelepiped surface at a 10m distance

	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	+15	+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 Ø630mm	+13	+10	+8	+7	+5	0	-3	-6	-9	-11	-14	
n.ventole x diametro no. of fan motors x diameter	1 x Ø800mm	+15	+11	+9	+7	+5	0	-3	-6	-9	-11	-14
	2 x Ø800mm											
	3 x Ø800mm	+14	+11	+8	+7	+5	0	-3	-6	-9	-11	-14
	4 x Ø800mm											
6 x Ø800mm	+13	+10	+8	+6	+5	0	-3	-6	-9	-11	-14	
8 x Ø800mm												

Il livello di pressione sonora L_p indicato su questo catalogo rappresenta il valore medio su di una superficie parallelepipedica costruita attorno all'apparecchio ad una distanza di 10 metri da ciascuna faccia dell'apparecchio stesso, in campo libero con una superficie riflettente. (secondo EN 13487)

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





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