

CSE - CDR - CVA - CVR

Air remote condensers



CSE



CDR-CVR



CVA

Characteristics

CSE SERIES General characteristics

- Modularity has been prioritized in the design: each unit is made up of standard sections, whose elements are easily dismantlable
- Starting from the CSE 563 in the \varnothing 500 series, and from the CSE 663 in the \varnothing 630 series, there are models made up of two units side by side, making vertical installation impossible. All the other models are designed for either horizontal or vertical installation.
- To facilitate the connection of the condensers to the electrical system, the fan motors are wired in the factory (excluding the 350 diameter series) and connected to a junction box located on the manifold side and protected, together with the manifolds, by an easily removable cover.

Construction characteristics

- They are designed for outdoor installation and therefore made with technologies and materials which ensure resistance to atmospheric agents
- Coils with staggered copper pipes and corrugated aluminium fins, mechanically expanded. The coils are fixed at the shoulders so as to avoid breakage of the tubes as a result of any vibration.
- Manifolds in copper with connectors for soldering, sealed to prevent the ingress of impurities and moisture into the circuits.
- Latest generation of axial fans to ensure silent operation and high output, protection grade IP54. They are intended for Δ/Y connection and various polarities, and allow continuous regulation of the speed by reducing the voltage.
- Available versions:
(B) basic
(S) silenced
(E) extra silenced.

SERIES CDR

General characteristics

- Two exchangers arranged in a V
- Two independent cooling circuits
- Two rows of fans, diameter 800mm
- From 6 to 10 fans
- Separate ventilation compartment for each fan

Construction characteristics

- They are designed for outdoor installation and therefore made with technologies and materials which ensure resistance to atmospheric agents
- High-efficiency finned exchangers
- Latest generation of axial fans to ensure silent operation and high output, protection grade IP54. The standard units are supplied with the fans wired up to a junction box. Separate airflow for each fan.
- Available versions:

(BT) basic 6 pole

(ST) silenced 8 pole

(ET) extra silenced 12 pole

CVA SERIES General characteristics

- Exchangers in W configuration
- Low noise
- Two rows of fans, diameter 800mm
- With 6 to 8 fans

Construction characteristics

- They are designed for outdoor installation and therefore made with technologies and materials which ensure resistance to atmospheric agents
- 4 high-efficiency finned exchangers
- Latest generation of axial fans to ensure silent operation and high output, protection grade IP54. The standard units are supplied with the fans wired up to a junction box. Separate airflow for each fan.
- Available versions:

(BT) basic 6 pole

(ST) silenced 8 pole

CVR SERIES General characteristics

- Two exchangers arranged in a V
- Diameter of fans 800 mm
- From 2 to 5 fans
- Separate ventilation compartment for each fan

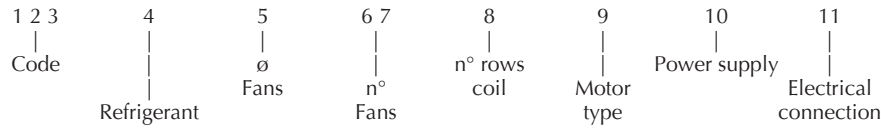
Construction characteristics

- They are designed for outdoor installation and therefore made with technologies and materials which ensure resistance to atmospheric agents
- High-efficiency finned exchangers
- Latest generation of axial fans to ensure silent operation and high output, protection grade IP54. The standard units are supplied with the fans wired up to a junction box. Separate airflow for each fan. The extremely small dimensions allow installation in restricted spaces, high power output for area occupied
- Available versions:
(BT) basic 6 pole
(ST) silenced 8 pole
(ET) extra silenced 12 pole

Choice of unit

By suitably combining the numerous options available, it's possible to configure each model in such a way as to meet the most particular of system requirements.

Field configurator:



Size:

CSE-CVR-CVA-CDR

Gas:

X - R410A

° - Fluidi refrigeranti con PS max 28 bar

Ø fans (mm):

3 - 350

5 - 500

6 - 630

8 - 800

9 - 910

n° fans:

* - da 1 a 16

N° rows:

* - da 2 a 6

motor type:

B - Standard

S - Silenced

E - Extra silenced

C - Brushless motor with electronic commutation (EC)

Power supply:

T - 400V/3/50Hz

M - 230V/1/ 50Hz

Electrical connection:

D - Triangle

Y - Star

° - Monophase

Combinations

To facilitate the choice of condenser, we have provided tables below with the combinations of condenserless Aermec unit. The combinations specified require the compulsory use of an RPM regulator and an electrical panel, to ensure correct operation under varying external conditions.

Condenserless unit	number of circuits of condenserless unit	number of remote condensers	Condenser	number of circuits of remote condenser	refrigerant	wiring connection	condensing temperature °C	ambient temperature °C	condenser capacity kW	Sound pressure dB(A)	control box type n°/Type	speed regulator n°	transducer n°	refrigerant pipeworks kit *	(request for) double cooling circuit *
WRL025E	1	1	CSEX3014SM	1	R410A	Monophase	50	30	8	26	no	1	1	no	
		1	CSEX3013BM	1	R410A	Monophase	45	30	9	36	no	1	1	no	
WRL030E	1	1	CSEX3012BM	1	R410A	Monophase	50	30	10	36	no	1	1	no	
		1	CSEX3022SM	1	R410A	Monophase	45	30	11	29	no	1	1	no	
WRL040E	1	1	CSEX3022SM	1	R410A	Monophase	50	30	15	29	no	1	1	no	
		1	CSEX5014EM	1	R410A	Monophase	45	30	15	32	no	1	1	no	
WRL050E	1	1	CSEX5013STY	1	R410A	star	50	30	19	31	1/QA1	1	1	no	
		1	CSEX5014STD	1	R410A	triangle	45	30	19	38	1/QA1	1	1	no	
		1	CSEX6013ETD	1	R410A	triangle	45	30	19	32	1/QA1	1	1	no	
		1	CSEX5025ETY	1	R410A	star	45	30	19	29	1/QA1	1	1	no	
WRL070E	1	1	CSEX5013STD	1	R410A	triangle	50	30	23	38	1/QA1	1	1	no	
		1	CSEX6014STY	1	R410A	star	45	30	23	34	1/QA1	1	1	no	
WRL080E	1	1	CSEX5015STD	1	R410A	triangle	50	30	27	38	1/QA1	1	1	no	
		1	CSEX6014STD	1	R410A	triangle	45	30	27	42	1/QA1	1	1	no	
		1	CSEX5023STY	1	R410A	star	45	30	28	34	1/QA1	1	1	no	
WRL100E	1	1	CSEX6014BTY	1	R410A	star	50	30	38	43	1/QA1	1	1	no	
		1	CSEX6015BTD	1	R410A	triangle	45	30	37	49	1/QA1	1	1	no	
		1	CSEX6023ETD	1	R410A	triangle	45	30	37	35	1/QA1	1	1	no	
WRL140E	1	1	CSEX6014BTD	1	R410A	triangle	50	30	45	49	1/QA1	1	1	no	
		1	CSEX6023STD	1	R410A	triangle	45	30	48	45	1/QA1	1	1	no	
		1	CSEX6024STY	1	R410A	star	45	30	45	37	1/QA1	1	1	no	

* Accessory to be provided in the order

Sound pressure

measured in free field conditions, in cooling mode, at distance of 10m and direction factors = 2 in accordance with the ISO 3744 standard

Combinations

Condenserless unit	number of circuits of condenserless unit	number of remote condensers	Condenser	number of circuits of remote condenser	refrigerant	wiring connection	condensing temperature °C	ambient temperature °C	condenser capacity kW	Sound pressure dB(A)	control box type n°/Type	speed regulator n°	transducer n°	refrigerant pipeworks kit *	(request for) double cooling circuit *
WRL160E	1	1	CSEX5024BTY	1	R410A	star	50	30	54	45	1/QA1	1	1	no	
		1	CSEX6023BTY	1	R410A	star	45	30	53	46	1/QA1	1	1	no	
		1	CSEX6033ETD	1	R410A	triangle	45	30	56	37	1/QA2	1	1	no	
WRL180E	1	1	CSEX6023STD	1	R410A	triangle	50	30	64	45	1/QA1	1	1	no	
		1	CSEX6023BTD	1	R410A	triangle	45	30	61	52	1/QA1	1	1	no	
		1	CSEX6033STY	1	R410A	star	45	30	61	39	1/QA2	1	1	no	
WRL200E	1	1	CSEX6023BTD	1	R410A	triangle	50	30	81	52	1/QA1	1	1	no	
		1	CSEX6033BTY	1	R410A	star	45	30	79	48	1/QA2	1	1	no	
		1	CSEX6043STY	1	R410A	star	45	30	82	40	1/QA2	1	1	no	
WRL300E	1	1	CSEX6024BTD	1	R410A	triangle	50	30	91	52	1/QA1	1	1	no	
		1	CSEX6033BTD	1	R410A	triangle	45	30	91	54	1/QA2	1	1	no	
		1	CSEX8024STY	1	R410A	star	45	30	90	41	1/QA1	1	1	no	
WRL400E	1	1	CSEX6025BTD	1	R410A	triangle	50	30	99	52	1/QA1	1	1	no	
		1	CSEX6034BTD	1	R410A	triangle	45	30	102	54	1/QA2	1	1	no	
		1	CVRX8023STY	2	R410A	star	45	30	100	37	1/QA1	1	1	yes	
WRL500E	1	1	CSEX6033BTD	1	R410A	triangle	50	30	122	54	1/QA2	1	1	no	
		1	CSEX8024BTY	1	R410A	star	45	30	115	49	1/QA1	1	1	no	
		1	CVRX8023STD	2	R410A	triangle	45	30	125	43	1/QA1	1	1	yes	
WRL550E	1	1	CSEX8033ETD	1	R410A	triangle	46	30	118	40	1/QA2	1	1	no	
		1	CSEX8024BTY	1	R410A	star	50	45	154	49	1/QA1	1	1	no	
		1	CVRX8023BTD	2	R410A	triangle	45	30	162	51	1/QA1	1	1	yes	
WRL600E	1	1	CVRX8033STY	2	R410A	star	45	30	151	39	1/QA2	1	1	yes	
		1	CSEX8024BTD	1	R410A	triangle	50	30	191	55	1/QA1	1	1	no	
		1	CVRX8024BTD	2	R410A	triangle	45	30	180	51	1/QA1	1	1	yes	
WRL650E	1	1	CVRX8033STD	2	R410A	triangle	45	30	188	45	1/QA2	1	1	yes	
		1	CVRX8043ETD	2	R410A	triangle	45	30	178	36	1/QA2	1	1	yes	
		1	CVRX8023BTD	2	R410A	triangle	50	30	216	51	1/QA1	1	1	yes	
WRL650E	1	1	CSEX8034BTD	1	R410A	triangle	45	30	215	57	1/QA2	1	1	no	
		1	CVRX8034STD	2	R410A	triangle	45	30	200	45	1/QA2	1	1	yes	
		1	CVRX8043STY	2	R410A	star	45	30	202	40	1/QA2	1	1	yes	
NXW500E	2	1	CSEX6034BTD	2	R410A	triangle	50	30	137	54	1/QA2	1	2	no	yes
		1	CSEX9024BTD	2	R410A	triangle	45	30	133	59	1/QA1	1	2	no	yes
		1	CSEX6044BTD	2	R410A	triangle	45	30	136	55	1/QA2	1	2	no	yes
		1	CVRX8023BTY	2	R410A	star	45	30	130	44	1/QA1	1	2	no	no
NXW550E	2	1	CSEX8023BTY	2	R410A	star	50	30	141	49	1/QA1	1	2	no	yes
		1	CSEX8024BTD	2	R410A	triangle	45	30	143	55	1/QA1	1	2	no	yes
		1	CVRX8024BTY	2	R410A	star	45	30	145	44	1/QA1	1	2	no	no
NXW600E	2	1	CVRX8043ETY	2	R410A	star	45	30	145	32	1/QA2	1	2	no	no
		1	CSEX9024BTD	2	R410A	triangle	50	30	178	59	1/QA1	1	2	no	yes
		1	CSEX6044BTD	2	R410A	triangle	50	30	182	55	1/QA2	1	2	no	yes
NXW650E	2	1	CVRX8024BTD	2	R410A	triangle	45	30	180	51	1/QA1	1	2	no	no
		1	CVRX8033STD	2	R410A	triangle	45	30	188	45	1/QA2	1	2	no	no
		1	CSEX9026BTD	2	R410A	triangle	50	30	202	59	1/QA1	1	2	no	yes
NXW700E	2	1	CVRX8024BTY	2	R410A	star	50	30	194	44	1/QA1	1	2	no	no
		1	CSEX9034BTD	2	R410A	triangle	45	30	201	61	1/QA2	1	2	no	yes
		1	CVRX8033BTY	2	R410A	star	45	30	196	46	1/QA2	1	2	no	no
NXW750E	2	1	CVRX8024BTD	2	R410A	triangle	50	30	240	51	1/QA1	1	2	no	no
		1	CSEX9036BTD	2	R410A	triangle	45	30	227	61	1/QA2	1	2	no	yes
		1	CDRX8043STD	2	R410A	triangle	45	30	221	46	2/QA1	2	2	no	no
NXW800E	2	1	CSEX9034BTD	2	R410A	triangle	50	30	268	61	1/QA2	1	2	no	yes
		1	CVRX8034BTD	2	R410A	triangle	45	30	270	53	1/QA2	1	2	no	no
		1	CVRX8043BTY	2	R410A	star	45	30	262	47	1/QA2	1	2	no	no
NXW800E	2	1	CVRX8054STY	2	R410A	star	45	30	259	41	1/QA3	1	2	no	no
		1	CVRX8033BTD	2	R410A	triangle	50	30	325	53	1/QA2	1	2	no	no
		1	CVRX8043BTD	2	R410A	triangle	45	30	325	54	1/QA2	1	2	no	no
NXW800E	2	1	CVRX8053STD	2	R410A	triangle	45	30	313	47	1/QA3	1	2	no	no
		1	CDRX8083ETD	2	R410A	triangle	45	30	300	39	2/QA2	2	2	no	no

* Accessory to be provided in the order

Sound pressure

measured in free field conditions, in cooling mode, at distance of 10m and direction factors = 2 in accordance with the ISO 3744 standard

Combinations

Condenserless unit	number of circuits of condenserless unit	number of remote condensers	Condenser	number of circuits of remote condenser	refrigerant	wiring connection	condensing temperature °C	ambient temperature °C	condenser capacity kW	Sound pressure dB(A)	control box type n°/Type	speed regulator n°	transducer n°	refrigerant pipeworks kit *	(request for) double cooling circuit *
NXW900E	2	1	CSEX8043BTD	2	R410A	triangle	50	30	339	58	2/QA1	2	2	no	no
		1	CVRX8034BTD	2	R410A	triangle	50	30	361	53	1/QA2	1	2	no	no
		1	CVRX8044BTD	2	R410A	triangle	45	30	361	54	1/QA2	1	2	no	no
		1	CVRX8054BTY	2	R410A	star	45	30	348	48	1/QA3	1	2	no	no
		1	CDRX8083STY	2	R410A	star	45	30	348	43	2/QA2	2	2	no	no
NXW1000E	2	1	CSEX8044BTD	2	R410A	triangle	50	30	382	58	2/QA1	2	2	no	no
		1	CSEX8063BTD	2	R410A	triangle	45	30	382	60	2/QA2	2	2	no	no
		1	CVRX8053BTD	2	R410A	triangle	45	30	406	55	1/QA3	1	2	no	no
NXW1250E	2	1	CDRX8103ETD	2	R410A	triangle	45	30	378	40	2/QA3	2	2	no	no
		1	CVRX8043BTD	2	R410A	Triangle	50	30	434	54	1/QA2	1	2	no	no
		1	CSEX8064BTD	2	R410A	Triangle	45	30	430	60	2/QA2	2	2	no	no
		1	CVRX8054BTD	2	R410A	Triangle	45	30	451	55	1/QA3	1	2	no	no
NXW1400E	2	1	CDRX8103STY	2	R410A	Star	45	30	435	44	2/QA3	2	2	no	no
		1	CVRX8044BTD	2	R410A	triangle	50	30	481	54	1/QA2	1	2	no	no
		1	CVRX8054BTD	2	R410A	triangle	45	30	451	55	1/QA3	1	2	no	no
		1	CDRX8084STD	2	R410A	triangle	45	30	469	49	2/QA2	2	2	no	no
WSA/WSB701E	1	1	CDRX8104STY	2	R410A	star	45	30	440	44	2/QA3	2	2	no	no
		1	CVR°833BTD	2	R134a	triangle	45	30	222	53	1/QA2	1	1	yes	
		1	CVR°853ETD	2	R134a	triangle	45	30	200	37	1/QA3	1	1	yes	
		1	CSE°843BTD	2	R134a	triangle	45	30	232	58	2/QA1	2	1	yes	
WSA/WSB801E	1	1	CSE°863STY	2	R134a	star	45	30	288	46	2/QA2	2	1	yes	
		1	CVR°834BTD	2	R134a	triangle	45	30	247	53	1/QA2	1	1	yes	
		1	CVR°853STY	2	R134a	star	45	30	229	41	1/QA3	1	1	yes	
		1	CSE°844BTD	2	R134a	triangle	45	30	261	58	2/QA1	2	1	yes	
WSA/WSB901E	1	1	CSE°864STY	2	R134a	star	45	30	249	46	2/QA2	2	1	yes	
		1	CVR°834BTD	2	R134a	triangle	45	30	247	53	1/QA2	1	1	yes	
		1	CVR°843BTD	2	R134a	triangle	45	30	297	54	1/QA2	1	1	yes	
		1	CVR°853STD	2	R134a	triangle	45	30	286	47	1/QA3	1	1	yes	
WSA/WSB1101E	1	1	CSE°863BTY	2	R134a	star	45	30	288	54	2/QA2	2	1	yes	
		1	CVR°843BTD	2	R134a	triangle	45	30	297	54	1/QA2	1	1	yes	
		1	CVR°844BTD	2	R134a	triangle	45	30	329	54	1/QA2	1	1	yes	
		1	CVR°854BTY	2	R134a	star	45	30	317	48	1/QA3	1	1	yes	
WSA/WSB1402E	2	1	CSE°863BTD	2	R134a	triangle	45	30	348	60	2/QA2	2	1	yes	
		1	CVR°853BTD	2	R134a	triangle	45	30	370	55	1/QA3	1	2	no	
		1	CDR°864BTD	2	R134a	triangle	45	30	405	56	2/QA2	2	2	no	
		1	CDR°883STD	2	R134a	triangle	45	30	402	49	2/QA2	2	2	no	
WSA/WSB1602E	2	1	CDR°8104STD	2	R134a	triangle	45	30	535	50	2/QA3	2	2	no	
		1	CVR°854BTD	2	R134a	triangle	45	30	412	55	1/QA3	1	2	no	
		1	CDR°883BTD	2	R134a	triangle	45	30	494	57	2/QA2	2	2	no	
WSA/WSB1802E	2	1	CDR°8103STD	2	R134a	triangle	45	30	502	50	2/QA3	2	2	no	
		1	CDR°883BTD	2	R134a	triangle	45	30	494	57	2/QA2	2	2	no	
		1	CDR°884BTD	2	R134a	triangle	45	30	540	57	2/QA2	2	2	no	
		1	CDR°8104STD	2	R134a	triangle	45	30	535	50	2/QA3	2	2	no	
WSA/WSB2002E	2	1+1	CVR°843BTD	2	R134a	triangle	45	30	297	54	1/QA2	1	1	yes	
		1+1	CVR°844BTD	2	R134a	triangle			329	54	1/QA2	1	1	yes	
	2	1	CDR°8103BTD	2	R134a	triangle	45	30	621	58	2/QA3	2	2	no	
	2	1+1	CDR°884STY	2	R134a	star	45	30	320	43	1/QA4	1	1	yes	
1+1	CDR°883ETD	2	R134a	triangle	274	39			1/QA4	1	1	yes			
WSA/WSB2202E	2	1	CDR°8103BTD	2	R134a	triangle	45	30	621	58	2/QA3	2	2	no	
		1	CDR°8104BTD	2	R134a	triangle	45	30	675	57	2/QA3	2	2	no	
		2	CVR°854BTY	1	R134a	star	45	30	317	50	2/QA3	2	2	yes	
WSA/WSB2502E	2	1	CDR°8104BTD	2	R134a	triangle	45	30	675	58	2/QA3	2	2	no	
		2	CVR°853BTD	1	R134a	triangle	45	30	370	57	2/QA3	2	2	yes	
		2	CVA°883STD	1	R134a	Triangle	45	30	431	50	2/QA4	2	2	yes	
WSA/WSB2802E	2	2	CVR°854BTD	1	R134a	triangle	45	30	412	58	2/QA3	2	2	yes	
		2	CVA°864BTD	1	R134a	triangle	45	30	415	57	2/QA3	2	2	yes	
		2	CVA°884STD	1	R134a	Triangle	45	30	424	50	2/QA4	2	2	yes	

* Accessory to be provided in the order

Sound pressure

measured in free field conditions, in cooling mode, at distance of 10m and direction factors = 2 in accordance with the ISO 3744 standard

Combinations

Condenserless unit	number of circuits of condenserless unit	number of remote condensers	Condenser	number of circuits of remote condenser	refrigerant	wiring connection	condensing temperature °C	ambient temperature °C	condenser capacity kW	Sound pressure dB(A)	control box type n°/Type	speed regulator n°	transducer n°	refrigerant pipeworks kit *	(request for) double cooling circuit *
HWF2512°E	2	1	CDR°8084BTD	2	R134a	triangle	50	30	719	57	2/QA2	2	2	no	
		1	CDR°8104BTD	2	R134a	triangle	45.2	30	684	58	2/QA3	2	2	no	
		1	CVA°8163STY	2	R134a	star	46	30	693	46	2/QA4	2	2	no	
HWF2812°E	2	1	CDR°8103BTD	2	R134a	triangle	50	30	828	58	2/QA3	2	2	no	
		1	CVA°8123BTD	2	R134a	triangle	45	30	776	59	2/QA3	2	2	no	
		1	CVA°8163STD	2	R134a	triangle	45	30	798	52	2/QA4	2	2	no	
HWF3212°E	2	1	CVA°8123BTD	2	R134a	triangle	48	30	932	59	2/QA3	2	2	no	
		1	CVA°8163BTD	2	R134a	triangle	44	30	945	60	2/QA4	2	2	no	
		2	CVA°8103STD	2	R134a	triangle	45	30	983	53	1/QA2-1/QA3	2	2	yes	
HWF3612°E	2	2	CVA°8143ETD	2	R134a	triangle	45	30	998	44	1/QA3-1/QA4	2	2	yes	
		1	CVA°8123BTD	2	R134a	triangle	50	30	1035	59	2/QA3	2	2	no	
		1	CVA°8164BTD	2	R134a	triangle	45	30	1103	60	2/QA4	2	2	no	
HWF4212°E	2	2	CDR°8103BTY	2	R134a	star	45	30	1036	54	1/Q5	1	2	yes	
		1	CVA°8163BTD	2	R134a	triangle	50	30	1351	60	2/QA4	2	2	no	
		2	CDR°8084BTD	2	R134a	triangle	45	30	1187	60	1/QA4	1	2	yes	
HWF4812°E	2	2	CVA°8123STD	2	R134a	triangle	45	30	1199	54	2/QA3	2	2	yes	
		1	CVA°8163BTD	2	R134a	triangle	50	30	1351	60	2/QA4	2	2	no	
		2	CDR°8104BTD	2	R134a	triangle	45	30	1350	61	1/QA5	1	2	yes	
HWF5612°E	2	2	CVA°8143STD	2	R134a	triangle	45	30	1397	54	1/Q2-1/Q3	2	2	yes	
		2	CDR°8103BTD	2	R134a	triangle	50	30	1657	61	1/Q5	1	2	yes	
		2	CVA°8123BTD	2	R134a	triangle	45	30	1553	62	2/QA3	2	2	yes	
HWF6412°E	2	2	CVA°8163STD	2	R134a	triangle	45	30	1596	55	2/QA4	2	2	yes	
		2	CDR°8103BTD	2	R134a	triangle	50	30	1657	61	1/Q5	1	2	yes	
		2	CVA°8124BTD	2	R134a	triangle	45	30	1660	62	2/QA3	2	2	yes	
HWF2512AE	2	2	CVA°8164STD	2	R134a	triangle	45	30	1694	55	2/QA4	2	2	yes	
		1	CDR°8084BTD	2	R134a	triangle	50	30	719	57	2/QA2	2	2	no	
		1	CVA°8123BTD	2	R134a	triangle	45	30	776	59	2/QA3	2	2	no	
HWF2812AE	2	1	CVA°8163STD	2	R134a	triangle	43,6	30	724	52	2/QA4	2	2	no	
		1	CDR°8103BTD	2	R134a	triangle	50	30	828	58	2/QA3	2	2	no	
		1	CVA°8124BTD	2	R134a	triangle	45	30	830	59	2/QA3	2	2	no	
HWF3212AE	2	1	CVA°8163BTY	2	R134a	star	45	30	823	53	2/QA4	2	2	no	
		1	CVA°8123BTD	2	R134a	Triangle	50	30	1035	59	2/QA3	2	2	no	
		1	CVA°8163BTD	2	R134a	Triangle	45	30	1013	60	2/QA4	2	2	no	
HWF3612AE	2	2	CVA°8103STD	2	R134a	Triangle	45	30	983	50	1/Q2-1/Q3	2	2	yes	
		2	CVA°8143ETD	2	R134a	Triangle	45	30	998	41	1/Q3-1/Q4	2	2	yes	
		1	CVA°8124BTD	2	R134a	triangle	50	30	1106	59	2/QA3	2	2	no	
HWF4212AE	2	1	CVA°8164BTD	2	R134a	triangle	45	30	1103	60	2/QA4	2	2	no	
		2	CDR°8104BTY	2	R134a	star	45	30	1112	54	1/Q5	1	2	yes	
		1	CVA°8163BTD	2	R134a	triangle	50	30	1351	60	2/QA4	2	2	no	
HWF4812AE	2	2	CDR°8104BTD	2	R134a	triangle	45	30	1350	61	1/Q5	1	2	yes	
		2	CVA°8124STD	2	R134a	triangle	45	30	1270	54	2/QA3	2	2	yes	
		2	CVA°8164BTD	2	R134a	triangle	50	30	1470	60	2/QA4	2	2	no	
HWF5612AE	2	2	CVA°8104BTD	2	R134a	triangle	45	30	1437	61	1/Q2-1/Q3	2	2	yes	
		2	CVA°8143BTY	2	R134a	star	45	30	1442	55	1/Q3-1/Q4	2	2	yes	
		2	CDR°8103BTD	2	R134a	triangle	50	30	1657	61	1/Q5	1	2	yes	
HWF6412AE	2	2	CVA°8124BTD	2	R134a	triangle	45	30	1660	62	2/QA3	2	2	yes	
		2	CVA°8163STD	2	R134a	triangle	45	30	1596	55	2/QA4	2	2	yes	
		2	CDR°8104BTD	2	R134a	triangle	50	30	1799	61	1/Q5	1	2	yes	
HWF6412AE	2	2	CVA°8143BTD	2	R134a	triangle	45	30	1781	62	1/Q3-1/Q4	2	2	yes	
		2	CVA°8164STD	2	R134a	triangle	45	30	1705	55	2/QA4	2	2	yes	

* Accessory to be provided in the order

Sound pressure

measured in free field conditions, in cooling mode, at distance of 10m and direction factors = 2 in accordance with the ISO 3744 standard

Combinations

Condenserless unit	number of circuits of condenserless unit	number of remote condensers	Condenser	number of circuits of remote condenser	refrigerant	wiring connection	condensing temperature °C	ambient temperature °C	condenser capacity kW	Sound pressure dB(A)	control box type n°/Type	speed regulator n°	transducer n°	refrigerant pipeworks kit *	(request for) double cooling circuit *
WF2512°E	2	1	CDR°8084BTD	2	R134a	triangle	50	30	719	57	2/QA2	2	2	no	
		1	CVA°8123BTD	2	R134a	triangle	45	30	776	59	2/QA3	2	2	no	
		1	CVA°8163STY	2	R134a	star	46	30	693	46	2/QA4	2	2	no	
WF2812°E	2	1	CDR°8103BTD	2	R134a	triangle	50	30	828	58	2/QA3	2	2	no	
		1	CVA°8124BTD	2	R134a	triangle	45	30	830	59	2/QA3	2	2	no	
		1	CVA°8163STD	2	R134a	triangle	45	30	798	52	2/QA4	2	2	no	
WF3212°E	2	1	CVA°8123BTD	2	R134a	triangle	50	30	1035	59	2/QA3	2	2	no	
		1	CVA°8163BTD	2	R134a	triangle	45	30	1013	60	2/QA4	2	2	no	
		2	CDR°8103BTY	2	R134a	star	45	30	1036	54	1/Q5	1	2	yes	
WF3612°E	2	1	CVA°8124BTD	2	R134a	triangle	50	30	1106	59	2/QA3	2	2	yes	
		1	CVA°8164BTD	2	R134a	triangle	45	30	1103	60	2/QA4	2	2	yes	
		2	CDR°8104BTY	2	R134a	star	45	30	1112	54	1/Q5	1	2	yes	
WF4212°E	2	1	CVA°8163BTD	2	R134a	triangle	50	30	1351	60	2/QA4	2	2	no	
		2	CDR°8103BTD	2	R134a	triangle	45	30	1242	61	1/Q5	1	2	yes	
		2	CVA°8123STD	2	R134a	triangle	45	30	1199	54	2/QA3	2	2	yes	
WF4812°E	2	1	CVA°8164BTD	2	R134a	triangle	50	30	1470	60	2/QA4	2	2	no	
		2	CVA°8104BTD	2	R134a	triangle	45	30	1437	61	1/Q2 -1/Q3	2	2	yes	
		2	CVA°8143STD	2	R134a	triangle	45	30	1397	54	1/Q2 -1/Q3	2	2	yes	
WF5612°E	2	2	CDR°8103BTD	2	R134a	triangle	50	30	1657	61	1/Q5	1	2	yes	
		2	CVA°8123BTD	2	R134a	triangle	45	30	1553	62	2/QA3	2	2	yes	
		2	CVA°8163STD	2	R134a	triangle	45	30	1596	55	2/QA4	2	2	yes	
WF6412°E	2	2	CDR°8104BTD	2	R134a	triangle	50	30	1799	61	1/Q5	1	2	yes	
		2	CVA°8143BTD	2	R134a	triangle	45	30	1781	62	1/Q3-1/Q4	2	2	yes	
		2	CVA°8164STD	2	R134a	triangle	45	30	1694	55	2/QA4	2	2	yes	
WF2512AE	2	1	CDR°8103BTD	2	R134a	triangle	50	30	828	58	2/QA3	2	2	no	
		1	CVA°8123BTD	2	R134a	triangle	45	30	776	59	2/QA3	2	2	no	
		1	CVA°8163STD	2	R134a	triangle	43.6	30	724	52	2/QA4	2	2	no	
WF2812AE	2	1	CDR°8103BTD	2	R134a	triangle	50	30	828	58	2/QA3	2	2	no	
		1	CVA°8124BTD	2	R134a	triangle	45	30	830	59	2/QA3	2	2	no	
		1	CVA°8163BTY	2	R134a	star	45	30	828	53	2/QA4	2	2	no	
WF3212AE	2	1	CVA°8123BTD	2	R134a	triangle	50	30	1035	59	2/QA3	2	2	no	
		1	CVA°8164BTD	2	R134a	triangle	45	30	1103	60	2/QA4	2	2	no	
		2	CDR°8103BTY	2	R134a	star	45	30	1036	54	1/Q5	1	2	yes	
WF3612AE	2	1	CVA°8163BTD	2	R134a	triangle	50	30	1351	60	2/QA4	2	2	no	
		2	CDR°8103BTD	2	R134a	triangle	45	30	1242	61	1/Q5	1	2	yes	
		2	CVA°8123STD	2	R134a	triangle	45	30	1199	54	2/QA3	2	2	yes	
WF4212AE	2	1	CVA°8163BTD	2	R134a	triangle	50	30	1351	60	2/QA4	2	2	no	
		2	CDR°8104BTD	2	R134a	triangle	45	30	1350	61	1/Q5	1	2	yes	
		2	CVA°8124STD	2	R134a	triangle	45	30	1270	54	2/QA3	2	2	yes	
WF4812AE	2	1	CVA°8164BTD	2	R134a	triangle	50	30	1470	60	2/QA4	2	2	no	
		2	CVA°8104BTD	2	R134a	triangle	45	30	1437	61	1/Q2 -1/Q3	2	2	yes	
		2	CVA°8143BTY	2	R134a	star	45	30	1442	55	1/Q3-1/Q4	2	2	yes	
WF5612AE	2	2	CDR°8103BTD	2	R134a	triangle	50	30	1657	61	1/Q5	1	2	yes	
		2	CVA°8124BTD	2	R134a	triangle	45	30	1660	62	2/QA3	2	2	yes	
		2	CVA°8163STD	2	R134a	triangle	45	30	1596	55	2/QA4	2	2	yes	
WF6412AE	2	2	CDR°8104BTD	2	R134a	triangle	50	30	1799	61	1/Q5	1	2	yes	
		2	CVA°8143BTD	2	R134a	triangle	45	30	1781	62	1/Q3-1/Q4	2	2	yes	
		2	CVA°8164BTY	2	R134a	star	45	30	1730	56	2/QA4	2	2	yes	

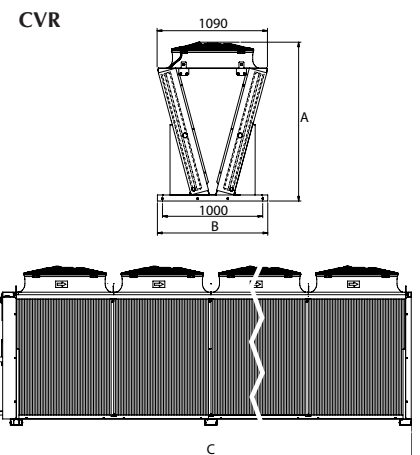
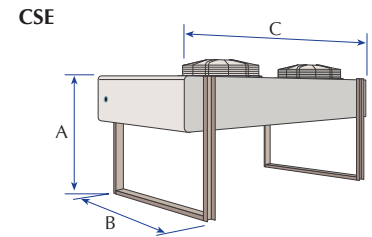
* Accessory to be provided in the order

Sound pressure

measured in free field conditions, in cooling mode, at distance of 10m and direction factors = 2 in accordance with the ISO 3744 standard

Technical and dimensional data

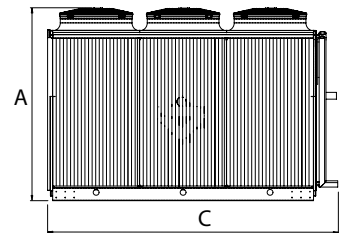
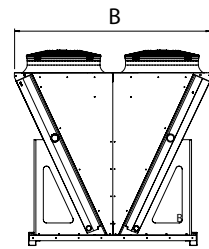
Model	Fans	Air flow rate	Connection IN	Connection OUT	Dimensions [mm]		
	[n°]	[m3/h]	[n°x ø mm]	[n°x ø mm]	A	B	C
CSEX3012BM	1	2500	1x16	1x16	820	560	760
CSEX3013BM	1	2200	1x16	1x16	820	560	760
CSEX3014SM	1	1400	1x18	1x18	820	560	760
CSEX3022SM	2	3000	1x18	1x18	820	560	1310
CSEX5013STY	1	3900	1X28	1X18	1060	773	1105
CSEX5013STD	1	5100	1X28	1X18	1060	773	1105
CSEX5014SM	1	4750	1x28	1x22	1060	773	1105
CSEX5014EM	1	3550	1x28	1x22	1060	773	1105
CSEX5014STD	1	4850	1X28	1X22	1060	773	1105
CSEX5015STD	1	4600	1X28	1X22	1060	773	1105
CSEX5023STY	2	7800	1X35	1x28	1060	773	2045
CSEX5024BTY	2	11000	1X35	1x28	1060	773	2045
CSEX5025ETY	2	3500	1X35	1x28	1060	773	2045
CSEX6013ETD	1	4450	1X28	1X22	1200	973	1340
CSEX6014STY	1	5000	1X28	1X22	1200	973	1340
CSEX6014STD	1	6500	1X28	1X22	1200	973	1340
CSEX6014BTY	1	7350	1X28	1X22	1200	973	1340
CSEX6014BTD	1	9150	1X28	1X22	1200	973	1340
CSEX6015BTD	1	8700	1X35	1X28	1200	973	1340
CSEX6023ETD	2	8900	1X35	1X28	1200	973	2500
CSEX6023STD	2	13500	1X35	1X28	1200	973	2500
CSEX6023BTD	2	19100	1X35	1X28	1200	973	2500
CSEX6023BTY	2	15500	1X35	1X28	1200	973	2500
CSEX6024BTD	2	18300	1X42	1X28	1200	973	2500
CSEX6024STY	2	10000	1X42	1X28	1200	973	2500
CSEX6025BTD	2	17400	1X42	1X28	1200	973	2500
CSEX6033BTD	3	28650	1X48	1X35	1200	973	3660
CSEX6033ETD	3	13350	1X48	1X35	1200	973	3660
CSEX6033STY	3	16050	1X48	1X35	1200	973	3660
CSEX6033BTY	3	28650	1X48	1X35	1200	973	3660
CSEX6034BTD	3	27450	1X48	1X35	1200	973	3660
CSEX6043STY	4	21400	1X48	1X35	1200	973	4820
CSEX6044BTD	4	36600	1X54	1X42	1200	973	4820
CSEX8023STD	2	28150			1340	1150	3543
CSEX8023BTY	2	30200			1340	1150	3543
CSEX8023STD	2	28150			1340	1150	3543
CSEX8023STY	2	21550			1340	1150	3543
CSEX8024BTY	2	28400			1340	1150	3543
CSEX8024BTD	2	36850			1340	1150	3543
CSEX8033ETD	3	25500			1340	1150	5208
CSEX8033STY	3	32650			1340	1150	5208
CSEX8034BTD	3	55650			1340	1150	5208
CSEX8043BTD	4	77500			1340	1150	3543
CSEX8063BTD	6	117000			1340	1150	5208
CSEX8063BTY	6	91200			1340	1150	5208
CSEX8044BTD	4	73700			1340	1150	3543
CSEX8064BTD	6	111300			1340	1150	5208
CSEX8064STY	6	60400			1340	1150	5208
CSEX9024BTD	2	38700	1X54	1X42	1530	1374	3063
CSEX9026BTD	2	35400	1X54	1X42	1530	1374	3063
CSEX9034BTD	3	58050	1X54	1X42	1530	1374	4493
CSEX9036BTD	3	53100	1X70	1X54	1530	1374	4493
CVRX8023BTD	2	47500	2x42	2x28	1590	1100	2270
CVRX8023BTY	2	37500	2x42	2x28	1590	1100	2270
CVRX8024BTD	2	46000	2x42	2x28	1590	1100	2270
CVRX8024BTY	2	36500	2x42	2x28	1590	1100	2270
CVRX8033BTD	3	72000	2x42	2x28	1590	1100	3210
CVRX8033STD	3	52500	2x42	2x28	1590	1100	3210
CVRX8033STY	3	41000	2x42	2x28	1590	1100	3210
CVRX8033BTY	3	57000	2x42	2x28	1590	1100	3210
CVRX8034BTD	3	68500	2x48	2x35	1590	1100	3210
CVRX8034STD	3	50500	2x48	2x35	1590	1100	3210



Technical and dimensional data

Model	Fans	Air flow rate	Connection IN	Connection OUT	Dimensions [mm]		
					A	B	C
CVRX8043BTD	4	96000	2x48	2x35	1590	1100	4180
CVRX8043STY	4	53500	2x48	2x35	1590	1100	4180
CVRX8044BTD	4	91000	2x48	2x35	1590	1100	4180
CVRX8043ETD	4	68200	2x48	2x35	1590	1100	4180
CVRX8053BTD	5	115000	2x60	2x42	1590	1100	5150
CVRX8053STD	5	86000	2x60	2x42	1590	1100	5150
CVRX8053ETD	5	55100	2x60	2x42	1590	1100	5150
CVRX8043BTY	4	74000	2x48	2x35	1590	1100	4180
CVRX8043ETY	4	44250	2x48	2x35	1590	1100	4180
CVRX8053STY	4	68000	2x48	2x35	1590	1100	4180
CVRX8054BTD	5	115000	2x60	2x42	1590	1100	5150
CVRX8054BTY	5	92000	2x60	2x42	1590	1100	5150
CVRX8054STY	5	66000	2x60	2x42	1590	1100	5150
CDRX8043STD	4	59000	2x48	2x35	2150	2160	2270
CDRX8064BTD	6	115700	2x54	2x42	2150	2160	3240
CDRX8083BTD	8	163600	2x60	2x48	2150	2160	4210
CDRX8083STD	8	117000	2x60	2x48	2150	2160	4210
CDRX8083ETD	8	71700	2x60	2x48	2150	2160	4210
CDRX8083STY	8	86000	2x60	2x48	2150	2160	4210
CDRX8084BTD	8	150000	2x60	2x48	2150	2160	4210
CDRX8084STD	8	107000	2x60	2x48	2150	2160	4210
CDRX8084STY	8	83000	2x60	2x48	2150	2160	4210
CDRX8103BTD	10	204500	2x70	2x54	2150	2160	5180
CDRX8103BTY	10	152000	2x70	2x54	2150	2160	5180
CDRX8103STD	10	145000	2x70	2x54	2150	2160	5180
CDRX8103ETD	10	89700	2x70	2x54	2150	2160	5180
CDRX8103STY	10	108000	2x70	2x54	2150	2160	5180
CDRX8104BTD	10	192700	2x70	2x54	2150	2160	5180
CDRX8104STD	10	140000	2x70	2x54	2150	2160	5180
CDRX8104STY	10	108000	2x70	2x54	2150	2160	5180
CDRX8104BTY	10	108000	2x70	2x54	2150	2160	5180
CVA°8103BTD	10	205000	2x89	2x64	2105	2200	8100
CVA°8104BTD	10	19000	2x89	2x64	2105	2200	8100
CVA°8123BTD	12	242000	2x89	2x64	2105	2200	8700
CVA°8123STD	12	170000	2x89	2x64	2105	2200	8700
CVA°8124BTD	12	222000	2x89	2x64	2105	2200	8700
CVA°8124STD	12	162000	2x89	2x64	2105	2200	8700
CVA°8143BTD	14	282000	2x89	2x64	2105	2200	8700
CVA°8143BTY	14	218000	2x89	2x64	2105	2200	8700
CVA°8143STD	14	202000	2x89	2x64	2105	2200	8700
CVA°8143ETD	14	122800	2x89	2x64	2105	2200	8700
CVA°8163STY	16	179300	2x89	2x64	2105	2200	11200
CVA°8163STD	16	230000	2x89	2x64	2105	2200	11200
CVA°8163BTD	16	324000	2x89	2x64	2105	2200	9950
CVA°8163BTY	16	145000	2x89	2x64	2105	2200	9950
CVA°8164BTD	16	296000	2x89	2x64	2105	2200	11200
CVA°8164BTY	16	234000	2x89	2x64	2105	2200	11200
CVA°8164STD	16	215000	2x89	2x64	2105	2200	11200

CDR



CVA

