

CSE-CDR-CVR-CGA-CMV

Remote condensers



Features

CSE SERIES

General features

- Design has privileged modularity, each unit is made up from standard sections, whose elements can be easily removed.
- Starting from the CSE 563 for the ø 500 range, from the CSE 663 for the ø 630 range, there are models consisting of two side by side units, making vertical installation impossible. All the other models are designed both for horizontal and vertical installation.
- To facilitate the connection of the condensers to the electrical system, the fan motors are wired in the factory (excluding 350 diameter range) and connected to a junction box positioned on the collector side and protected along with the latter by a lid that can be easily removed.

Construction features

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents.
- Coils with staggered copper pipes and corrugated or mechanically expanded aluminium louvers. The coils are fixed to the shoulders in a way to prevent pipe breakage due to any vibrations.
- Copper collectors with welded connections, closed to prevent impurities and moisture from getting into the circuits.
- Latest generation axial fans to guarantee silent functioning and high performance with IP54 protection rating: They are designed for Δ/Y connections and different polarities and allow continuous regulation of the speed via voltage reduction.

Available versions:

- (B) base
- (S) silent
- (E) Super silent

CDR SERIES

General features

- Two exchangers positioned as V
- Two independent cooling circuits
- Two rows of fans with diameter of 800mm
- From 6 to 10 fans
- Separate ventilation compartments for each fan

Construction features

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents.
- High efficiency louvred heat exchangers.

- Latest generation axial fans to guarantee silent functioning and high performance with IP54 protection rating: The standard units are supplied with the fans wired onto the junction box. Air flow separator for each individual fan.

Available versions:

- (BT) base 6 poles
- (ST) silent 8 poles
- (ET) Super silent 12 poles

CVR SERIES

General features

- Two exchangers positioned as V
- Fans diameter 800 mm
- From 2 to 5 fans
- Separate ventilation compartments for each fan

Construction features

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents.
- High efficiency louvred heat exchangers.
- Latest generation axial fans to guarantee silent functioning and high performance with IP54 protection rating: The standard units are supplied with the fans wired onto the junction box. Air flow separator for each individual fan. The extremely small dimensions allow installation in contained spaces, high output power per surface occupied.

Available versions:

- (BT) base 6 poles
- (ST) silent 8 poles
- (ET) Super silent 12 poles

CGA SERIES

General features

- V exchangers configuration
- Low noise
- Two rows of fans with diameter of 800mm
- From 6 to 12 fans

Construction features

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents.
- High efficiency louvred heat exchangers.
- Latest generation axial fans to guarantee silent functioning and high performance with IP54 protection rating: The standard units are supplied with the fans wired onto the junction box. Air flow separator for each individual fan.

Available versions:

- (BT) standard
- (ST) silent
- (ET) super silent
- (CT) Electronic switch-over with brushless motor

CMV SERIES

General features

- Configuration: Microchannel condensers for module
- 1 or 2 circuits
- Two rows of fans

Construction features

Made using technologies and materials that provide long-lasting weather resistance. High efficiency finned pack heat exchangers, made with copper pipes and aluminium louvers. Next generation 800 mm diameter axial fans in both AC and EC version to minimise energy consumption. The standard units are supplied with the fans wired onto the junction box.

Available versions:

- (BTD): 6-pole with triangle connection
- (BTY): 6-pole with star connection
- (STD): 8-pole with triangle connection
- (STY): 8-pole with star connection
- (CTB): high power motorised EC fan
- (CTE): low noise motorised EC fan

Combinations

code	number of circuits	refrigerant	dissipated heating capacity Water temp. 7°C-12°C Condensation temp. 45°C	Remote condenser	No. of remote condensers to be combined with the chiller	Dissipated heating capacity External air temp. 30°C, Average condensation temp. 45°C	Sound power [dB(A)]	Sound pressure Q=1 [dB(A)] 10m	Sound pressure Q=2 [dB(A)] 10m	Type of fan	Electrical voltage [V]	Heat exchanger	Length (mm)	Width (mm)	Height (mm)
WRL 026 E	1	R410A	8.0	CSEX3013BM*	1	8.56	66	34	37	AC	230V	standard	610	560	308
				CSEX3013CMS 990 [rpm]	1	8.06	57	26	29	EC	230V	standard	610	560	308
				CSEX5013ETY	1	13.71	57	25	28	AC	400V	standard	1105	833	1060
				CSEX5013CTB 560 [rpm]	1	13.93	56	24	27	EC	400V	standard	1105	833	1060
WRL 031 E	1	R410A	9.8	CSEX3014BM*	1	9.44	66	34	37	AC	230V	Standard	610	560	308
				CSEX3022SM*	1	11.95	59	27	30	AC	230V	Standard	1160	560	308
				CSEX3014CMS 1115 [rpm]	1	9.72	60	29	32	EC	230V	Standard	610	560	308
				CSEX5013ETY	1	13.71	57	25	28	AC	400V	Standard	1105	833	1060
WRL 041 E	1	R410A	13.2	CSEX5013CTB 560 [rpm]	1	13.93	56	24	27	EC	400V	Standard	1105	833	1060
				CSEX3022BM*	1	13.68	69	37	40	AC	230V	Standard	1160	560	308
				CSEX3022CMS 1050 [rpm]	1	13.48	62	30	33	EC	230V	Standard	1160	560	308
				CSEX5013ETY	1	13.71	57	25	28	AC	400V	Standard	1105	833	1060
WRL 051 E	1	R410A	17.0	CSEX5013CTB 560 [rpm]	1	13.93	56	24	27	EC	400V	Standard	1105	833	1060
				CSEX5013ETD	1	16.29	60	28	31	AC	400V	Standard	1105	833	1060
				CSEX5013STD	1	19.84	65	34	37	AC	400V	Standard	1105	833	1060
				CSEX5013CTB 800 [rpm]	1	17.98	63	31	34	EC	400V	Standard	1105	833	1060
WRL 071 E	1	R410A	21.9	CSEX5013BTD	1	21.41	70	39	42	AC	400V	Standard	1105	833	1060
				CSEX5013BTD	1	25.75	76	45	48	AC	400V	Standard	1105	833	1060
				CSEX5014STD	1	22.18	65	34	37	AC	400V	Standard	1105	833	1060
				CSEX5013CTB 1160 [rpm]	1	22.78	70	39	42	EC	400V	Standard	1105	833	1060
WRL 081 E	1	R410A	25.0	CSEX5014CTB 920 [rpm]	1	22.09	65	34	37	EC	400V	Standard	1105	833	1060
				CSEX5013BTD	1	25.75	76	45	48	AC	400V	Standard	1105	833	1060
				CSEX5015BTY	1	25.47	70	39	42	AC	400V	Standard	1105	833	1060
				CSEX5013CTB 1380 [rpm]	1	25.23	74	43	46	EC	400V	Standard	1105	833	1060
WRL 101 E	1	R410A	34.0	CSEX5014CTB 1160 [rpm]	1	26.13	70	39	42	EC	400V	Standard	1105	833	1060
				CSEX5015CTB 1040 [rpm]	1	25.96	68	37	40	EC	400V	Standard	1105	833	1060
				CSEX6013BTD	1	35.16	74	43	46	AC	400V	Standard	1355	1033	1213
				CSEX6014BTY	1	34.8	69	38	41	AC	400V	Standard	1355	1033	1213
WRL 141 E	1	R410A	43.8	CSEX5024STY	1	33.73	61	29	32	AC	400V	Standard	2045	833	1060
				CSEX5015CTB 1490 [rpm]	1	34.14	76	44	47	EC	400V	Standard	1105	833	1060
				CSEX5022CTB 1040 [rpm]	1	33.64	71	40	43	EC	400V	Standard	2045	833	1060
				CSEX5023CTB 800 [rpm]	1	36.65	66	34	37	EC	400V	Standard	2045	833	1060
WRL 161 E	1	R410A	50.0	CSEX5023BTY	1	43.75	73	42	45	AC	400V	Standard	2045	833	1060
				CSEX5024STD	1	45.27	68	37	40	AC	400V	Standard	2045	833	1060
				CSEX5023CTB 1160 [rpm]	1	46.47	73	42	45	EC	400V	Standard	2045	833	1060
				CSEX5023CTB 1040 [rpm]	1	43.4	71	40	43	EC	400V	Standard	2045	833	1060
WRL 180 E	1	R410A	58.4	CSEX8013CTE 490 [rpm]	1	45.87	60	29	32	EC	400V	Standard	1883	1239	1338
				CSEX5023BTD	1	52.58	79	48	51	AC	400V	Standard	2045	833	1060
				CSEX5025BTY	1	52.1	73	42	45	AC	400V	Standard	2045	833	1060
				CVSX5023STD	1	51.8	68	37	40	AC	400V	Standard	1519	778	1092
WRL 200 E	1	R410A	76.1	CSEX5023CTB 1380 [rpm]	1	51.47	77	46	49	EC	400V	Standard	2045	833	1060
				CSEX5024CTB 1160 [rpm]	1	53.27	73	42	45	EC	400V	Standard	2045	833	1060
				CSEX5025CTB 1040 [rpm]	1	52.91	71	40	43	EC	400V	Standard	2045	833	1060
				CSEX8013CTE 550 [rpm]	1	50.15	63	31	34	EC	400V	Standard	1883	1239	1338
WRL 300 E	1	R410A	88.1	CSEX5024BTD	1	61.17	79	48	51	AC	400V	Standard	2045	833	1060
				CSEX6023STD	1	58.09	69	38	41	AC	400V	Standard	2290	1033	1213
				CVSX5033STY	1	59.17	62	31	34	AC	400V	Standard	2174	778	1092
				CSEX8013CTE 735 [rpm]	1	62.42	68	36	40	EC	400V	Standard	1883	1239	1338
WRL 400 E	1	R410A	99.9	CSEX8013CTE 670 [rpm]	1	58.06	66	35	38	EC	400V	Standard	1883	1239	1338
				CSEX6024BTD	1	81.45	77	46	49	AC	400V	Standard	2290	1033	1213
				CVSX5033STD	1	77.71	70	38	41	AC	400V	Standard	2174	778	1092
				CSEX6034STY	1	78.89	65	33	36	AC	400V	Standard	3450	1033	1213
WRL 500 E	1	R410A	113.7	CSEX8013CTB 1020 [rpm]	1	78.94	79	48	51	EC	400V	Standard	1883	1239	1338
				CSEX8014CTB 880 [rpm]	1	80.23	76	44	47	EC	400V	Standard	1883	1239	1338
				CSEX8015CTB 810 [rpm]	1	79.51	74	43	46	EC	400V	Standard	1883	1239	1338
				CSEX1013CTS 610 [rpm]	1	78.91	73	41	44	EC	400V	Standard	2300	1259	1760

Combinations

code	number of circuits	refrigerant	dissipated heating capacity Water temp. 7°C-12°C, Condensation temp. 45°C	Remote condenser	No. of remote condensers to be combined with the chiller	Dissipated heating capacity External air temp. 30°C, Average condensation temp. 45°C	Sound power [dB(A)]	Sound pressure Q=1 [dB(A)] 10m	Sound pressure Q=2 [dB(A)] 10m	Type of fan	Electrical voltage [V]	Heat exchanger	Length (mm)	Width (mm)	Height (mm)
WRL 550 E	1	R410A	150.9	CSEX8024BTD	1	167.5	80	48	51	AC	400V	Standard	3548	1239	1338
				CSEX6045BTY	1	150.69	75	44	47	AC	400V	Standard	4835	1033	1213
				CVRX8024STD	1	151.49	70	38	42	AC	400V	Standard	2150	1100	1590
				CSEX8033STY	1	159.43	68	36	39	AC	400V	Standard	5213	1239	1338
				CSEX6064STY	1	157.78	68	36	39	AC	400V	Standard	3450	2066	1213
				CSEX8023CTB 950 [rpm]	1	153.51	80	49	52	EC	400V	Standard	3548	1239	1338
				CSEX8024CTB 810 [rpm]	1	153.58	77	46	49	EC	400V	Standard	3548	1239	1338
				CVRX8024CTE 735 [rpm]	1	159.92	71	40	43	EC	400V	Standard	2150	1100	1590
				CSEX8033CTE 550 [rpm]	1	153.78	67	36	39	EC	400V	Standard	5213	1239	1338
				CSEX8025BTD	1	177.36	80	48	51	AC	400V	Standard	3548	1239	1338
				CSEX8033STD	1	182.17	72	40	43	AC	400V	Standard	5213	1239	1338
				CVRX8033STY	1	183.28	68	36	39	AC	400V	Standard	3120	1100	1590
WRL 600 E	1	R410A	174.3	CSEX6083STY	1	196.4	69	37	40	AC	400V	Standard	4835	2066	1213
				CSEX8024CTB 1020 [rpm]	1	182.64	82	51	54	EC	400V	Standard	3548	1239	1338
				CVRX8023CTB 950 [rpm]	1	175.97	80	49	52	EC	400V	Standard	2150	1100	1590
				CVRX8024CTB 810 [rpm]	1	175.42	77	46	49	EC	400V	Standard	2150	1100	1590
				CSEX8033CTE 670 [rpm]	1	177.97	71	39	42	EC	400V	Standard	5213	1239	1338
				CVRX8033CTE 550 [rpm]	1	174.41	67	36	39	EC	400V	Standard	3120	1100	1590
				CSEX8033BTD	1	225.06	82	50	53	AC	400V	Standard	5213	1239	1338
				CSEX8034STD	1	199.31	72	40	43	AC	400V	Standard	5213	1239	1338
				CSEX8043STY	1	211.21	69	37	40	AC	400V	Standard	3548	2389	1338
				CSEX6084STY	1	210.92	69	37	40	AC	400V	Standard	4835	2066	1213
				CSEX1023CTB 960 [rpm]	1	207.56	88	56	59	EC	400V	Standard	4600	1259	1760
				CVRX8024CTB 950 [rpm]	1	198.11	80	49	52	EC	400V	Standard	2150	1100	1590
WRL 650 E	1	R410A	197.2	CSEX8034CTE 735 [rpm]	1	211.18	73	41	44	EC	400V	Standard	5213	1239	1338
				CSEX8035CTE 670 [rpm]	1	202.34	71	39	42	EC	400V	Standard	5213	1239	1338
				CVRX8034CTE 610 [rpm]	1	204.42	69	38	41	EC	400V	Standard	3120	1100	1590
				CSEX8043CTE 550 [rpm]	1	203.85	69	37	40	EC	400V	Standard	3548	2389	1338
				CSEX8025BTD	1	177.36	80	48	51	AC	400V	Standard	3548	1239	1338
				CSEX8033STD	1	182.17	72	40	43	AC	400V	Standard	5213	1239	1338
				CVRX8033STY	1	183.28	68	36	39	AC	400V	Standard	3120	1100	1590
				CSEX6083STY	1	196.4	69	37	40	AC	400V	Standard	4835	2066	1213
				CSEX8024CTB 1020 [rpm]	1	182.64	82	51	54	EC	400V	Standard	3548	1239	1338
				CVRX8023CTB 950 [rpm]	1	175.97	80	49	52	EC	400V	Standard	2150	1100	1590
				CVRX8024CTB 810 [rpm]	1	175.42	77	46	49	EC	400V	Standard	2150	1100	1590
				CSEX8033CTE 670 [rpm]	1	177.97	71	39	42	EC	400V	Standard	5213	1239	1338
NXW 0500 E	2	R410A	129.9	CVRX8033CTE 550 [rpm]	1	174.41	67	36	39	EC	400V	Standard	3120	1100	1590
				CSEX8033BTD	1	225.06	82	50	53	AC	400V	Standard	5213	1239	1338
				CSEX8034STD	1	199.31	72	40	43	AC	400V	Standard	5213	1239	1338
				CSEX8043STY	1	211.21	69	37	40	AC	400V	Standard	3548	2389	1338
				CSEX6084STY	1	210.92	69	37	40	AC	400V	Standard	4835	2066	1213
				CSEX1023CTB 960 [rpm]	1	207.56	88	56	59	EC	400V	Standard	4600	1259	1760
				CVRX8024CTB 950 [rpm]	1	198.11	80	49	52	EC	400V	Standard	2150	1100	1590
				CSEX8034CTE 735 [rpm]	1	211.18	73	41	44	EC	400V	Standard	5213	1239	1338
				CSEX8035CTE 670 [rpm]	1	202.34	71	39	42	EC	400V	Standard	5213	1239	1338
				CVRX8034CTE 610 [rpm]	1	204.42	69	38	41	EC	400V	Standard	3120	1100	1590
				CSEX8043CTE 550 [rpm]	1	203.85	69	37	40	EC	400V	Standard	3548	2389	1338
				NXW 0550 E	2	R410A	139.8	CSEX8025BTD	1	177.36	80	48	51	AC	400V
CSEX8033STD	1	182.17	72					40	43	AC	400V	Standard	5213	1239	1338
CVRX8033STY	1	183.28	68					36	39	AC	400V	Standard	3120	1100	1590
CSEX6083STY	1	196.4	69					37	40	AC	400V	Standard	4835	2066	1213
CSEX8024CTB 1020 [rpm]	1	182.64	82					51	54	EC	400V	Standard	3548	1239	1338
CVRX8023CTB 950 [rpm]	1	175.97	80					49	52	EC	400V	Standard	2150	1100	1590
CVRX8024CTB 810 [rpm]	1	175.42	77					46	49	EC	400V	Standard	2150	1100	1590
CSEX8033CTE 670 [rpm]	1	177.97	71					39	42	EC	400V	Standard	5213	1239	1338
CVRX8033CTE 550 [rpm]	1	174.41	67					36	39	EC	400V	Standard	3120	1100	1590
CSEX8033BTD	1	225.06	82					50	53	AC	400V	Standard	5213	1239	1338
CSEX8034STD	1	199.31	72					40	43	AC	400V	Standard	5213	1239	1338
CSEX8043STY	1	211.21	69					37	40	AC	400V	Standard	3548	2389	1338
NXW 0600 E	2	R410A	172.0	CSEX6084STY	1	210.92	69	37	40	AC	400V	Standard	4835	2066	1213
				CSEX1023CTB 960 [rpm]	1	207.56	88	56	59	EC	400V	Standard	4600	1259	1760
				CVRX8024CTB 950 [rpm]	1	198.11	80	49	52	EC	400V	Standard	2150	1100	1590
				CSEX8034CTE 735 [rpm]	1	211.18	73	41	44	EC	400V	Standard	5213	1239	1338
				CSEX8035CTE 670 [rpm]	1	202.34	71	39	42	EC	400V	Standard	5213	1239	1338
				CVRX8034CTE 610 [rpm]	1	204.42	69	38	41	EC	400V	Standard	3120	1100	1590
				CSEX8043CTE 550 [rpm]	1	203.85	69	37	40	EC	400V	Standard	3548	2389	1338
				CSEX8025BTD	1	177.36	80	48	51	AC	400V	Standard	3548	1239	1338
				CSEX8033STD	1	182.17	72	40	43	AC	400V	Standard	5213	1239	1338
				CVRX8033STY	1	183.28	68	36	39	AC	400V	Standard	3120	1100	1590
				CSEX6083STD	1	171.61	65	33	36	AC	400V	Standard	4835	2066	1213
				CSEX8024CTB 950 [rpm]	1	173.23	80	49	52	EC	400V	Standard	3548	1239	1338
CSEX1023CTS 680 [rpm]	1	171.06	78	46	49	EC	400V	Standard	4600	1259	1760				
CSEX8033CTE 670 [rpm]	1	177.97	71	39	42	EC	400V	Standard	5213	1239	1338				
CVRX8033CTE 550 [rpm]	1	174.41	67	36	39	EC	400V	Standard	3120	1100	1590				
NXW 0650 E	2	R410A	192.9	CVRX8024BTD	1	192.81	80	48	51	AC	400V	Standard	2150	1100	1590
				CSEX8034STD	1	199.31	72	40	43	AC	400V	Standard	5213	1239	1338
				CSEX8043STY	1	211.21	69	37	40	AC	400V	Standard	3548	2389	1338
				CSEX6083STY	1	196.4	69	37	40	AC	400V	Standard	4835	2066	1213
				CSEX8025CTB 1020 [rpm]	1	195.75	82	51	54	EC	400V	Standard	3548	1239	1338
				CVRX8024CTB 950 [rpm]	1	198.11	80	49	52	EC	400V	Standard	2150	1100	1590
				CSEX8034CTE 670 [rpm]	1	194.69	71	39	42	EC	400V	Standard	5213	1239	1338
				CSEX8043CTE 550 [rpm]	1	203.85	69	37	40	EC	400V	Standard	3548	2389	1338
				CSEX8044CTE 490 [rpm]	1	198.39	66	35	38	EC	400V	Standard	3548	2389	1338
				CSEX8033BTD	1	225.06	82	50	53	AC	400V	Standard	5213	1239	1338
				CVRX8033BTY	1	222.27	76	45	48	AC	400V	Standard	3120	1100	1590
				CSEX8043STD	1	241.43	73	41	44	AC	400V	Standard	3548	2389	1338
NXW 0700 E	2	R410A	218.7	CVRX8034STD	1	227.24	72	40	43	AC	400V	Standard	3120	1100	1590
				CSEX8044STY	1	225.55	69	37	40	AC	400V	Standard	3548	2389	1338
				CSEX6085STY	1	217.02	69	37	40	AC	400V	Standard	4835	2066	1213
				CSEX1024CTS 820 [rpm]	1	222.22	82	50	53	EC	400V	Standard	4600	1259	1760
				CSEX8033CTB 880 [rpm]	1	219.04	80	49	52	EC	400V	Standard	5213	1239	1338
				CSEX8035CTE 735 [rpm]	1	221.13	73	41	44	EC	400V	Standard	5213	1239	1338
				CVRX8034CTE 670 [rpm]	1	221.05	71	39	42	EC	400V	Standard	3120	1100	1590
				CSEX8043CTE 610 [rpm]	1	220.12	70	38	41	EC	400V	Standard	3548	2389	1338
				CSEX8044CTE 550 [rpm]	1	219.13	69	37	40	EC	400V	Standard	3548	2389	1338

Combinations

code	number of circuits	refrigerant	dissipated heating capacity Water temp. 7°C-12°C, Condensation temp. 45°C	Remote condenser	No. of remote condensers to be combined with the chiller	Dissipated heating capacity External air temp. 30°C, Average condensation temp. 45°C	Sound power [dB(A)]	Sound pressure Q=1 [dB(A)] 10m	Sound pressure Q=2 [dB(A)] 10m	Type of fan	Electrical voltage [V]	Heat exchanger	Length (mm)	Width (mm)	Height (mm)				
NXW 0750 E	2	R410A	257.8	CSEX8035BTD	1	267.24	82	50	53	AC	400V	Standard	5213	1239	1338				
				CVRX8033BTD	1	258.39	82	50	53	AC	400V	Standard	3120	1100	1590				
				CSEX8044STD	1	264.13	73	41	44	AC	400V	Standard	3548	2389	1338				
				CSEX8063STY	1	318.86	71	39	42	AC	400V	Standard	5213	2389	1338				
				CVRX8053STY	1	304.93	70	38	41	AC	400V	Standard	5060	1100	1590				
				CSEX8034CTB 950 [rpm]	1	260.76	82	51	54	EC	400V	Standard	5213	1239	1338				
				CSEX8035CTB 880 [rpm]	1	261.37	80	49	52	EC	400V	Standard	5213	1239	1338				
				CVRX8034CTB 810 [rpm]	1	263.14	79	47	50	EC	400V	Standard	3120	1100	1590				
				CSEX8044CTE 670 [rpm]	1	258.07	72	40	43	EC	400V	Standard	3548	2389	1338				
				CVRX8044CTE 610 [rpm]	1	272.19	70	39	42	EC	400V	Standard	4090	1100	1590				
				CSEX8063CTE 490 [rpm]	1	281.31	68	36	39	EC	400V	Standard	5213	2389	1338				
				NXW 0800 E	2	R410A	297.5	CSEX8043BTD	1	298.22	83	51	54	AC	400V	Standard	3548	2389	1338
CVRX8044STD	1	302.52	73					42	45	AC	400V	Standard	4090	1100	1590				
CSEX8063STY	1	318.86	71					39	42	AC	400V	Standard	5213	2389	1338				
CVRX8053STY	1	304.93	70					38	41	AC	400V	Standard	5060	1100	1590				
CVRX8034CTB 950 [rpm]	1	297.17	82					51	54	EC	400V	Standard	3120	1100	1590				
CSEX8044CTB 810 [rpm]	1	306.51	80					48	51	EC	400V	Standard	3548	2389	1338				
CVRX8044CTE 735 [rpm]	1	319.31	74					43	46	EC	400V	Standard	4090	1100	1590				
CSEX8063CTE 550 [rpm]	1	307.55	71					39	42	EC	400V	Standard	5213	2389	1338				
CSEX8064CTE 490 [rpm]	1	299.33	68					36	39	EC	400V	Standard	5213	2389	1338				
NXW 0900 E	2	R410A	337.7					CVRX8043BTD	1	343.61	83	51	54	AC	400V	Standard	4090	1100	1590
								CSEX8063STD	1	364.33	75	43	46	AC	400V	Standard	5213	2389	1338
								CVRX8063STY	1	365.93	71	39	42	AC	400V	Standard	6030	1100	1590
				CSEX8044CTB 950 [rpm]	1	345.61	83	51	54	EC	400V	Standard	3548	2389	1338				
				CVRX8044CTB 810 [rpm]	1	350.2	80	49	52	EC	400V	Standard	4090	1100	1590				
				CSEX8063CTE 670 [rpm]	1	355.94	74	42	45	EC	400V	Standard	5213	2389	1338				
				CSEX8064CTE 610 [rpm]	1	360.3	72	40	43	EC	400V	Standard	5213	2389	1338				
				CVRX8063CTE 550 [rpm]	1	348.69	71	39	42	EC	400V	Standard	6030	1100	1590				
				CVRX8064CTE 490 [rpm]	1	339.43	68	37	40	EC	400V	Standard	6030	1100	1590				
				CVRX8074CTE 430 [rpm]	1	352.81	66	35	38	EC	400V	Standard	7000	1100	1590				
				NXW 1000 E	2	R410A	377.3	CVRX8044BTD	1	384.82	83	51	54	AC	400V	Standard	4090	1100	1590
								CSEX8063BTY	1	383.85	79	47	50	AC	400V	Standard	5213	2389	1338
CSEX8064STD	1	398.62	75					43	46	AC	400V	Standard	5213	2389	1338				
CVRX8064STY	1	392.47	71					39	42	AC	400V	Standard	6030	1100	1590				
CSEX8045CTB 1020 [rpm]	1	390.68	85					53	56	EC	400V	Standard	3548	2389	1338				
CVRX8044CTB 950 [rpm]	1	395.38	83					52	55	EC	400V	Standard	4090	1100	1590				
CSEX8063CTE 735 [rpm]	1	382.66	76					44	47	EC	400V	Standard	5213	2389	1338				
CSEX8064CTE 670 [rpm]	1	389.38	74					42	45	EC	400V	Standard	5213	2389	1338				
CVRX8064CTE 610 [rpm]	1	408.29	72					41	44	EC	400V	Standard	6030	1100	1590				
CVRX8073CTE 550 [rpm]	1	406.81	71					40	43	EC	400V	Standard	7000	1100	1590				
CVRX8074CTE 490 [rpm]	1	396	69					37	40	EC	400V	Standard	7000	1100	1590				
CDRX8103CTE 430 [rpm]	1	421.2	68					36	39	EC	400V	Standard	5060	2160	2150				
NXW 1250 E	2	R410A	410.8	CSEX8063BTD	1	450.12	85	53	56	AC	400V	Standard	5213	2389	1338				
				CVRX8053BTD	1	429.52	84	52	55	AC	400V	Standard	5060	1100	1590				
				CSEX8064BTY	1	417.9	79	47	50	AC	400V	Standard	5213	2389	1338				
				CVRX8063STD	1	413.42	75	43	46	AC	400V	Standard	6030	1100	1590				
				CDRX8083STY	1	422.56	72	40	43	AC	400V	Standard	4090	2160	2150				
				CSEX1063STY	1	432.63	75	43	46	AC	400V	Standard	6900	2431	1760				
				CVRX8044CTB 1020 [rpm]	1	416.79	85	54	57	EC	400V	Standard	4090	1100	1590				
				CVRX8053CTB 880 [rpm]	1	415.32	83	51	54	EC	400V	Standard	5060	1100	1590				
				CSEX8063CTB 810 [rpm]	1	415.09	82	50	53	EC	400V	Standard	5213	2389	1338				
				CSEX8064CTE 735 [rpm]	1	422.36	76	44	47	EC	400V	Standard	5213	2389	1338				
				CVRX8064CTE 670 [rpm]	1	440.82	74	42	45	EC	400V	Standard	6030	1100	1590				
				CVRX8073CTE 610 [rpm]	1	439.08	73	41	44	EC	400V	Standard	7000	1100	1590				
CVRX8074CTE 550 [rpm]	1	437.38	71	40	43	EC	400V	Standard	7000	1100	1590								
CMVX8081CTE 550 [rpm]	1	427.12	72	40	43	EC	400V	Microchannel	4640	2255	2000								
CDRX8103CTE 430 [rpm]	1	421.2	68	36	39	EC	400V	Standard	5060	2160	2150								
NXW 1400 E	2	R410A	445.3	CSEX8063BTD	1	450.12	85	53	56	AC	400V	Standard	5213	2389	1338				
				CVRX8054BTD	1	481.03	84	52	55	AC	400V	Standard	5060	1100	1590				
				CVRX8064STD	1	452.95	75	43	46	AC	400V	Standard	6030	1100	1590				
				CSEX1064STY	1	478.66	75	43	46	AC	400V	Standard	6900	2431	1760				
				CVRX8053CTB 1020 [rpm]	1	459.88	86	55	58	EC	400V	Standard	5060	1100	1590				
				CSEX8063CTB 950 [rpm]	1	461.88	85	53	56	EC	400V	Standard	5213	2389	1338				
				CVRX8054CTB 880 [rpm]	1	465.13	83	51	54	EC	400V	Standard	5060	1100	1590				
				CSEX8064CTB 810 [rpm]	1	462.5	82	50	53	EC	400V	Standard	5213	2389	1338				
				CSEX8065CTB 740 [rpm]	1	452.14	80	48	51	EC	400V	Standard	5213	2389	1338				
				CVRX8064CTE 735 [rpm]	1	477.47	76	44	47	EC	400V	Standard	6030	1100	1590				
				CVRX8073CTE 670 [rpm]	1	470.08	75	43	46	EC	400V	Standard	7000	1100	1590				
				CVRX8074CTE 610 [rpm]	1	476.33	73	41	44	EC	400V	Standard	7000	1100	1590				
CDRX8103CTE 490 [rpm]	1	467.18	70	39	42	EC	400V	Standard	5060	2160	2150								
CGAX1084CTS 330 [rpm]	1	461.61	69	37	40	EC	400V	Standard	5730	2448	2410								
CMVX8121CTE 370 [rpm]	1	455.52	66	34	37	EC	400V	Microchannel	6960	2255	2000								

Combinations

code	number of circuits	refrigerant	dissipated heating capacity Water temp. 7°C-12°C, Condensation temp. 45°C	Remote condenser	No. of remote condensers to be combined with the chiller	Dissipated heating capacity External air temp. 30°C, Average condensation temp. 45°C	Sound power [dB(A)]	Sound pressure Q=1 [dB(A)] 10m	Sound pressure Q=2 [dB(A)] 10m	Type of fan	Electrical voltage [V]	Heat exchanger	Length (mm)	Width (mm)	Height (mm)				
WSA 0701 E	1	R134a	204.0	CSE°8034BTD	1	217.29	82	50	53	AC	400V	Standard	5213	1239	1338				
				CSE°8043STD	1	208.66	73	41	44	AC	400V	Standard	3548	2389	1338				
				CVR°8043STY	1	212.35	69	37	40	AC	400V	Standard	4090	1100	1590				
				CSE°1034STY	1	210.18	72	41	44	AC	400V	Standard	6900	1259	1760				
				CSE°8033CTB 1020 [rpm]	1	205.49	84	53	56	EC	400V	Standard	5213	2389	1338				
				CSE°1024CTB 960 [rpm]	1	207.83	88	56	59	EC	400V	Standard	4600	1259	1760				
				CSE°8034CTB 880 [rpm]	1	212.14	80	49	52	EC	400V	Standard	5213	1239	1338				
				CSE°8035CTB 810 [rpm]	1	211.47	79	47	50	EC	400V	Standard	5213	1239	1338				
				CVR°8034CTE 735 [rpm]	1	208.49	73	41	44	EC	400V	Standard	3120	1100	1590				
				CSE°8043CTE 670 [rpm]	1	204.09	72	40	43	EC	400V	Standard	3548	2389	1338				
				CSE°8044CTE 610 [rpm]	1	207.59	70	38	41	EC	400V	Standard	3548	2389	1338				
				CVR°8044CTE 550 [rpm]	1	217.21	69	37	40	EC	400V	Standard	4090	1100	1590				
				WSA 0801 E	1	R134a	239.0	CVR°8034BTD	1	250.3	82	50	53	AC	400V	Standard	3120	1100	1590
								CSE°8044BTY	1	239.9	78	46	49	AC	400V	Standard	3548	2389	1338
								CSE°8045STD	1	238.05	73	41	44	AC	400V	Standard	3548	2389	1338
CVR°8053STY	1	265.44	70					38	41	AC	400V	Standard	5060	1100	1590				
CSE°8035CTB 950 [rpm]	1	240.31	82					51	54	EC	400V	Standard	5213	2389	1338				
CVR°8034CTB 880 [rpm]	1	242.26	80					49	52	EC	400V	Standard	3120	1100	1590				
CSE°8044CTE 735 [rpm]	1	242.63	74					42	45	EC	400V	Standard	3548	2389	1338				
CVR°8044CTE 670 [rpm]	1	255.94	72					41	44	EC	400V	Standard	4090	1100	1590				
CSE°8063CTE 490 [rpm]	1	244.99	68					36	39	EC	400V	Standard	5213	2389	1338				
CSE°8044BTD	1	287.85	83					51	54	AC	400V	Standard	3548	2389	1338				
CVR°8044STD	1	263.02	73					42	45	AC	400V	Standard	4090	1100	1590				
CSE°8063STY	1	276.9	71					39	42	AC	400V	Standard	5213	2389	1338				
CVR°8034CTB 1020 [rpm]	1	270.36	84					53	56	EC	400V	Standard	3120	1100	1590				
CSE°1033CTS 820 [rpm]	1	267.7	84					52	55	EC	400V	Standard	6900	1259	1760				
WSA 0901 E	1	R134a	266.0					CSE°8044CTB 880 [rpm]	1	281.15	82	50	53	EC	400V	Standard	3548	2389	1338
				CVR°8043CTB 810 [rpm]	1	271.87	80	49	52	EC	400V	Standard	4090	1100	1590				
				CVR°8044CTE 735 [rpm]	1	277.43	74	43	46	EC	400V	Standard	4090	1100	1590				
				CSE°8063CTE 550 [rpm]	1	267.34	71	39	42	EC	400V	Standard	5213	2389	1338				
				CVR°8063CTE 490 [rpm]	1	278.04	68	37	40	EC	400V	Standard	6030	1100	1590				
				CVR°8073CTE 430 [rpm]	1	292.4	66	35	38	EC	400V	Standard	7000	1100	1590				
				CVR°8044BTD	1	332.87	83	51	54	AC	400V	Standard	4090	1100	1590				
				CSE°8063BTY	1	331.02	79	47	50	AC	400V	Standard	5213	2389	1338				
				CSE°8064STD	1	346	75	43	46	AC	400V	Standard	5213	2389	1338				
				CVR°8064STY	1	341.35	71	39	42	AC	400V	Standard	6030	1100	1590				
				CSE°8045CTB 1020 [rpm]	1	336.73	85	53	56	EC	400V	Standard	3548	2389	1338				
				CVR°8044CTB 950 [rpm]	1	341.68	83	52	55	EC	400V	Standard	4090	1100	1590				
				CSE°8063CTE 735 [rpm]	1	330.05	76	44	47	EC	400V	Standard	5213	2389	1338				
				CSE°8064CTE 670 [rpm]	1	338.14	74	42	45	EC	400V	Standard	5213	2389	1338				
				CVR°8064CTE 610 [rpm]	1	355.13	72	41	44	EC	400V	Standard	6030	1100	1590				
WSA 1101 E	1	R134a	329.0	CVR°8073CTE 550 [rpm]	1	354.41	71	40	43	EC	400V	Standard	7000	1100	1590				
				CVR°8074CTE 490 [rpm]	1	343.97	69	37	40	EC	400V	Standard	7000	1100	1590				
				CSE°8064BTD	1	434.57	85	53	56	AC	400V	Standard	5213	2389	1338				
				CVR°8054BTD	1	416.09	84	52	55	AC	400V	Standard	5060	1100	1590				
				CVR°8064BTY	1	419.68	79	48	51	AC	400V	Standard	6030	1100	1590				
				CDR°8083STD	1	417.5	76	44	47	AC	400V	Standard	4090	2160	2150				
				CSE°1064STY	1	420.36	75	43	46	AC	400V	Standard	6900	2431	1760				
				CSE°8063CTB 1020 [rpm]	1	410.99	87	55	58	EC	400V	Standard	5213	2389	1338				
				CVR°8054CTB 950 [rpm]	1	427.1	84	53	56	EC	400V	Standard	5060	1100	1590				
				CSE°8064CTB 880 [rpm]	1	424.28	83	52	55	EC	400V	Standard	5213	2389	1338				
				CSE°8065CTB 810 [rpm]	1	422.95	82	50	53	EC	400V	Standard	5213	2389	1338				
				CVR°8064CTE 735 [rpm]	1	414.91	76	44	47	EC	400V	Standard	6030	1100	1590				
				CVR°8073CTE 670 [rpm]	1	408.38	75	43	46	EC	400V	Standard	7000	1100	1590				
				CVR°8074CTE 610 [rpm]	1	414.32	73	41	44	EC	400V	Standard	7000	1100	1590				
				CDR°8104CTE 490 [rpm]	1	432.47	70	39	42	EC	400V	Standard	5060	2160	2150				
CGA°1103CTS 330 [rpm]	1	479.27	70	38	41	EC	400V	Standard	7140	2448	2410								
CMV°8121CTE 430 [rpm]	1	449.88	69	37	40	EC	400V	Microchannel	6960	2255	2000								
CMV°8161CTE 320 [rpm]	1	469.28	65	33	36	EC	400V	Microchannel	9280	2255	2000								
WSA 1602 E	2	R134a	478.0	CVR°8064BTD	1	495.49	85	53	56	AC	400V	Standard	6030	1100	1590				
				CVR°8074BTY	1	489.63	80	49	52	AC	400V	Standard	7000	1100	1590				
				CSE°1083STY	1	521.35	77	45	48	AC	400V	Standard	9200	2431	1760				
				CSE°8065CTB 950 [rpm]	1	480.62	85	53	56	EC	400V	Standard	5213	2389	1338				
				CVR°8064CTB 880 [rpm]	1	479.97	83	52	55	EC	400V	Standard	6030	1100	1590				
				CVR°8074CTE 735 [rpm]	1	484.07	76	45	48	EC	400V	Standard	7000	1100	1590				
				CDR°8103CTE 610 [rpm]	1	477.8	74	42	45	EC	400V	Standard	5060	2160	2150				
				CDR°8104CTE 550 [rpm]	1	477.46	73	41	44	EC	400V	Standard	5060	2160	2150				
				CGA°1103CTS 330 [rpm]	1	479.27	70	38	41	EC	400V	Standard	7140	2448	2410				
				CMV°8161CTE 370 [rpm]	1	528.16	67	35	38	EC	400V	Microchannel	9280	2255	2000				
				CSE°1063BTD	1	579.19	90	58	61	AC	400V	Standard	6900	2431	1760				
				CVR°8074BTD	1	578.08	85	54	57	AC	400V	Standard	7000	1100	1590				
				CSE°1084STY	1	561.32	77	45	48	AC	400V	Standard	9200	2431	1760				
				CVR°8064CTB 1020 [rpm]	1	533.41	87	56	59	EC	400V	Standard	6030	1100	1590				
				CSE°1063CTS 820 [rpm]	1	535.41	87	55	58	EC	400V	Standard	6900	2431	1760				
CVR°8074CTB 880 [rpm]	1	559.97	84	53	56	EC	400V	Standard	7000	1100	1590								
CDR°8084CTB 810 [rpm]	1	530.29	83	51	54	EC	400V	Standard	4090	2160	2150								
CDR°8103CTE 735 [rpm]	1	547.09	78	46	49	EC	400V	Standard	5060	2160	2150								
CDR°8104CTE 670 [rpm]	1	561.01	76	44	47	EC	400V	Standard	5060	2160	2150								
CGA°1103CTS 400 [rpm]	1	557.24	74	42	45	EC	400V	Standard	7140	2448	2410								
CGA°1123CTS 330 [rpm]	1	575.12	70	38	41	EC	400V	Standard	8550	2448	2410								
CMV°8201CTE 320 [rpm]	1	586.6	66	34	37	EC	400V	Microchannel	11600	2255	2000								

Combinations

code	number of circuits	refrigerant	dissipated heating capacity Water temp. 7°C-12°C, Condensation temp. 45°C	Remote condenser	No. of remote condensers to be combined with the chiller	Dissipated heating capacity External air temp. 30°C, Average condensation temp. 45°C	Sound power [dB(A)]	Sound pressure Q=1 [dB(A)] 10m	Sound pressure Q=2 [dB(A)] 10m	Type of fan	Electrical voltage [V]	Heat exchanger	Length (mm)	Width (mm)	Height (mm)				
WSA 2202 E	2	R134a	601.0	CSE*1064BTD	1	662.03	90	58	61	AC	400V	standard	6900	2431	1760				
				CSE*1083BTY	1	683.05	87	55	58	AC	400V	standard	9200	2431	1760				
				CDR*8104BTY	1	598.96	82	50	53	AC	400V	standard	5060	2160	2150				
				CMV*8121STD	1	675.6	78	46	49	AC	400V	Microchannel	6960	2255	2000				
				CGA*1084STY	1	578.49	77	45	48	AC	400V	standard	5730	2448	2410				
				CVR*8074CTB 1020 [rpm]	1	622.31	88	56	59	EC	400V	standard	7000	1100	1590				
				CDR*8084CTB 950 [rpm]	1	594.58	86	54	57	EC	400V	standard	4090	2160	2150				
				CSE*1083CTS 680 [rpm]	1	628.76	84	52	55	EC	400V	standard	9200	2431	1760				
				CDR*8104CTE 735 [rpm]	1	607.29	78	46	49	EC	400V	standard	5060	2160	2150				
				CMV*8121CTE 610 [rpm]	1	608.04	75	43	46	EC	400V	Microchannel	6960	2255	2000				
				CGA*1123CTS 400 [rpm]	1	668.69	74	42	45	EC	400V	standard	8550	2448	2410				
				CMV*8161CTE 430 [rpm]	1	599.84	70	38	41	EC	400V	Microchannel	9280	2255	2000				
				CMV*8201CTE 370 [rpm]	1	660.2	68	36	39	EC	400V	Microchannel	11600	2255	2000				
				WSA 2202 E	2	R134a	671.0	CSE*1083BTY	1	683.05	87	55	58	AC	400V	standard	9200	2431	1760
								CMV*8121STD	1	675.6	78	46	49	AC	400V	Microchannel	6960	2255	2000
								CGA*1103STY	1	679.52	78	46	49	AC	400V	standard	7140	2448	2410
								CSE*1083CTS 750 [rpm]	1	668.3	86	54	57	EC	400V	standard	9200	2431	1760
CSE*1084CTS 680 [rpm]	1	701.83	84					52	55	EC	400V	standard	9200	2431	1760				
CGA*1103CTS 540 [rpm]	1	699.17	80					48	51	EC	400V	standard	7140	2448	2410				
CMV*8121CTE 735 [rpm]	1	714	79					47	50	EC	400V	Microchannel	6960	2255	2000				
CGA*1104CTS 470 [rpm]	1	676.98	77					45	48	EC	400V	standard	7140	2448	2410				
CGA*1123CTS 400 [rpm]	1	668.69	74					42	45	EC	400V	standard	8550	2448	2410				
CMV*8161CTE 490 [rpm]	1	671.84	73					41	44	EC	400V	Microchannel	9280	2255	2000				
CMV*8201CTE 370 [rpm]	1	660.2	68					36	39	EC	400V	Microchannel	11600	2255	2000				
WSA 2502 E	2	R134a	747.0					CSE*1083BTD	1	759.19	91	59	62	AC	400V	standard	9200	2431	1760
								CSE*1084BTY	1	765.74	87	55	58	AC	400V	standard	9200	2431	1760
								CGA*1104STY	1	730.4	78	46	49	AC	400V	standard	7140	2448	2410
				CSE*1083CTB 960 [rpm]	1	763.22	94	62	65	EC	400V	standard	9200	2431	1760				
				CDR*8104CTB 950 [rpm]	1	743.22	87	55	58	EC	400V	standard	5060	2160	2150				
				CSE*1084CTS 750 [rpm]	1	753.51	86	54	57	EC	400V	standard	9200	2431	1760				
				CGA*1103CTS 610 [rpm]	1	763.67	83	51	54	EC	400V	standard	7140	2448	2410				
				CGA*1104CTS 540 [rpm]	1	759.37	80	48	51	EC	400V	standard	7140	2448	2410				
				CGA*1123CTS 470 [rpm]	1	759.53	78	46	49	EC	400V	standard	8550	2448	2410				
				CMV*8161CTE 550 [rpm]	1	742.72	75	43	46	EC	400V	Microchannel	9280	2255	2000				
				CMV*8201CTE 430 [rpm]	1	749.8	71	39	42	EC	400V	Microchannel	11600	2255	2000				
				WSA 2802 E	2	R134a	835.0	CSE*1084BTD	1	872.87	91	59	62	AC	400V	standard	9200	2431	1760
								CMV*8121BTD	1	849.96	88	56	59	AC	400V	Microchannel	6960	2255	2000
CGA*1123STY	1	815.42	78					46	49	AC	400V	standard	8550	2448	2410				
CSE*1084CTB 960 [rpm]	1	882.55	94					62	65	EC	400V	standard	9200	2431	1760				
CGA*1084CTB 960 [rpm]	1	872.25	94					62	65	EC	400V	standard	5730	2448	2410				
CSE*1084CTB 885 [rpm]	1	827.68	92					60	63	EC	400V	standard	9200	2431	1760				
CGA*1103CTS 750 [rpm]	1	871.9	87					55	58	EC	400V	standard	7140	2448	2410				
CGA*1104CTS 610 [rpm]	1	840.44	83					51	54	EC	400V	standard	7140	2448	2410				
CGA*1123CTS 540 [rpm]	1	839	81					49	52	EC	400V	standard	8550	2448	2410				
CMV*8161CTE 670 [rpm]	1	877.28	78					46	49	EC	400V	Microchannel	9280	2255	2000				
CMV*8201CTE 490 [rpm]	1	839.8	73					41	44	EC	400V	Microchannel	11600	2255	2000				
WSB 0701 E	1	R134a	196.0					CSE*8033BTD	1	192.26	82	50	53	AC	400V	standard	5213	1239	1338
								CSE*8034BTD	1	217.29	82	50	53	AC	400V	standard	5213	1239	1338
				CVR*8033BTY	1	192.56	76	45	48	AC	400V	standard	3120	1100	1590				
				CSE*8043STD	1	208.66	73	41	44	AC	400V	standard	3548	2389	1338				
				CVR*8034STD	1	197.63	72	40	43	AC	400V	standard	3120	1100	1590				
				CVR*8043STY	1	212.35	69	37	40	AC	400V	standard	4090	1100	1590				
				CSE*8045STY	1	198.79	69	37	40	AC	400V	standard	3548	2389	1338				
				CSE*8033CTB 950 [rpm]	1	196.9	82	51	54	EC	400V	standard	5213	1239	1338				
				CSE*1024CTS 820 [rpm]	1	190.66	82	50	53	EC	400V	standard	4600	1259	1760				
				CSE*8035CTE 735 [rpm]	1	191.83	73	41	44	EC	400V	standard	5213	1239	1338				
				CVR*8034CTE 670 [rpm]	1	192.29	71	39	42	EC	400V	standard	3120	1100	1590				
				CSE*8043CTE 610 [rpm]	1	190.9	70	38	41	EC	400V	standard	3548	2389	1338				
				CSE*8044CTE 550 [rpm]	1	190.64	69	37	40	EC	400V	standard	3548	2389	1338				
				CVR*8043CTE 550 [rpm]	1	202.27	69	37	40	EC	400V	standard	4090	1100	1590				
				CVR*8044CTE 490 [rpm]	1	196.34	66	35	38	EC	400V	standard	4090	1100	1590				
				WSB 0801 E	1	R134a	231.0	CSE*8035BTD	1	231.09	82	50	53	AC	400V	standard	5213	1239	1338
CSE*8044STD	1	229.25	73					41	44	AC	400V	standard	3548	2389	1338				
CSE*6084STD	1	225.56	75					43	46	AC	400V	standard	4835	2066	1213				
CVR*8053STY	1	265.44	70					38	41	AC	400V	standard	5060	1100	1590				
CSE*8034CTB 1020 [rpm]	1	235.74	84					53	56	EC	400V	standard	5213	1239	1338				
CSE*8035CTB 950 [rpm]	1	240.31	82					51	54	EC	400V	standard	5213	1239	1338				
CSE*8035CTB 880 [rpm]	1	226.14	80					49	52	EC	400V	standard	5213	1239	1338				
CVR*8034CTB 810 [rpm]	1	228.32	79					47	50	EC	400V	standard	3120	1100	1590				
CSE*8044CTE 735 [rpm]	1	242.63	74					42	45	EC	400V	standard	3548	2389	1338				
CVR*8043CTE 670 [rpm]	1	233.78	72					41	44	EC	400V	standard	4090	1100	1590				
CSE*8045CTE 670 [rpm]	1	232.73	72					40	43	EC	400V	standard	3548	2389	1338				
CVR*8044CTE 610 [rpm]	1	236.82	70					39	42	EC	400V	standard	4090	1100	1590				
CSE*8063CTE 490 [rpm]	1	244.99	68					36	39	EC	400V	standard	5213	2389	1338				

Combinations

code	number of circuits	refrigerant	dissipated heating capacity Water temp. 7°C-12°C, Condensation temp. 45°C	Remote condenser	No. of remote condensers to be combined with the chiller	Dissipated heating capacity External air temp. 30°C, Average condensation temp. 45°C	Sound power [dB(A)]	Sound pressure Q=1 [dB(A)] 10m	Sound pressure Q=2 [dB(A)] 10m	Type of fan	Electrical voltage [V]	Heat exchanger	Length (mm)	Width (mm)	Height (mm)				
																WSB 0901 E	1	R134a	260.0
CVR*8043BTY	1	256.03	78	46	49	AC	400V	standard	4090	1100	1590								
CSE*8063STY	1	276.9	71	39	42	AC	400V	standard	5213	2389	1338								
CSE*1043STY	1	260.68	74	42	45	AC	400V	standard	9200	1259	1760								
CVR*8034CTB 950 [rpm]	1	256.95	82	51	54	EC	400V	standard	3120	1100	1590								
CSE*8044CTB 810 [rpm]	1	264.93	80	48	51	EC	400V	standard	3548	2389	1338								
CVR*8043CTB 740 [rpm]	1	255.76	78	47	50	EC	400V	standard	4090	1100	1590								
CVR*8044CTE 670 [rpm]	1	255.94	72	41	44	EC	400V	standard	4090	1100	1590								
CSE*8063CTE 550 [rpm]	1	267.34	71	39	42	EC	400V	standard	5213	2389	1338								
CSE*8064CTE 490 [rpm]	1	260.45	68	36	39	EC	400V	standard	5213	2389	1338								
WSB 1101 E	1	R134a	324.0	CVR*8044BTD	1	332.87	83	51	54	AC	400V	standard	4090	1100	1590				
				CSE*8064STD	1	346	75	43	46	AC	400V	standard	5213	2389	1338				
				CVR*8064STY	1	341.35	71	39	42	AC	400V	standard	6030	1100	1590				
				CSE*8045CTB 1020 [rpm]	1	336.73	85	53	56	EC	400V	standard	3548	2389	1338				
				CVR*8044CTB 880 [rpm]	1	322.21	82	50	53	EC	400V	standard	4090	1100	1590				
				CSE*8063CTE 735 [rpm]	1	330.05	76	44	47	EC	400V	standard	5213	2389	1338				
				CSE*8064CTE 670 [rpm]	1	338.14	74	42	45	EC	400V	standard	5213	2389	1338				
				CVR*8063CTE 610 [rpm]	1	327.47	72	41	44	EC	400V	standard	6030	1100	1590				
				CVR*8064CTE 550 [rpm]	1	325.98	71	39	42	EC	400V	standard	6030	1100	1590				
				CVR*8073CTE 490 [rpm]	1	324.38	69	37	40	EC	400V	standard	7000	1100	1590				
				WSB 1402 E	2	R134a	393.0	CSE*8064BTD	1	434.57	85	53	56	AC	400V	standard	5213	2389	1338
								CVR*8054BTD	1	416.09	84	52	55	AC	400V	standard	5060	1100	1590
CVR*8064STD	1	393.82	75					43	46	AC	400V	standard	6030	1100	1590				
CVR*8053CTB 1020 [rpm]	1	393.81	86					55	58	EC	400V	standard	5060	1100	1590				
CSE*8063CTB 950 [rpm]	1	393.8	85					53	56	EC	400V	standard	5213	2389	1338				
CVR*8054CTB 880 [rpm]	1	402.76	83					51	54	EC	400V	standard	5060	1100	1590				
CSE*8064CTB 810 [rpm]	1	399.83	82					50	53	EC	400V	standard	5213	2389	1338				
CVR*8064CTE 735 [rpm]	1	414.91	76					44	47	EC	400V	standard	6030	1100	1590				
CVR*8073CTE 670 [rpm]	1	408.38	75					43	46	EC	400V	standard	7000	1100	1590				
CVR*8074CTE 610 [rpm]	1	414.32	73					41	44	EC	400V	standard	7000	1100	1590				
CDR*8103CTE 490 [rpm]	1	406.66	70					39	42	EC	400V	standard	5060	2160	2150				
CGA*1084CTS 330 [rpm]	1	401.99	69					37	40	EC	400V	standard	5730	2448	2410				
CMV*8121CTE 370 [rpm]	1	396.12	66	34	37	EC	400V	Microchannel	6960	2255	2000								
CMV*8161CTE 320 [rpm]	1	469.28	65	33	36	EC	400V	Microchannel	9280	2255	2000								
WSB 1602 E	2	R134a	457.0	CSE*8065BTD	1	462.19	85	53	56	AC	400V	standard	5213	2389	1338				
				CVR*8074STD	1	459.46	75	44	47	AC	400V	standard	7000	1100	1590				
				CSE*1083STY	1	521.35	77	45	48	AC	400V	standard	9200	2431	1760				
				CSE*8064CTB 1020 [rpm]	1	471.48	87	55	58	EC	400V	standard	5213	2389	1338				
				CSE*8065CTB 880 [rpm]	1	452.28	83	52	55	EC	400V	standard	5213	2389	1338				
				CVR*8064CTB 810 [rpm]	1	453.24	82	50	53	EC	400V	standard	6030	1100	1590				
				CVR*8074CTE 735 [rpm]	1	484.07	76	45	48	EC	400V	standard	7000	1100	1590				
				CDR*8103CTE 610 [rpm]	1	477.8	74	42	45	EC	400V	standard	5060	2160	2150				
				CDR*8104CTE 550 [rpm]	1	477.46	73	41	44	EC	400V	standard	5060	2160	2150				
				CGA*1103CTS 330 [rpm]	1	479.27	70	38	41	EC	400V	standard	7140	2448	2410				
				CMV*8161CTE 320 [rpm]	1	469.28	65	33	36	EC	400V	Microchannel	9280	2255	2000				
				WSB 1802 E	2	R134a	517.0	CVR*8073BTD	1	511.48	85	54	57	AC	400V	standard	7000	1100	1590
CSE*1063BTY	1	517.58	86					54	57	AC	400V	standard	6900	2431	1760				
CSE*1083STY	1	521.35	77					45	48	AC	400V	standard	9200	2431	1760				
CVR*8064CTB 1020 [rpm]	1	533.41	87					56	59	EC	400V	standard	6030	1100	1590				
CVR*8073CTB 950 [rpm]	1	521.25	86					54	57	EC	400V	standard	7000	1100	1590				
CVR*8074CTB 810 [rpm]	1	528.79	83					51	54	EC	400V	standard	7000	1100	1590				
CDR*8103CTE 670 [rpm]	1	510.69	76					44	47	EC	400V	standard	5060	2160	2150				
CDR*8104CTE 610 [rpm]	1	519.84	74					42	45	EC	400V	standard	5060	2160	2150				
CGA*1123CTS 330 [rpm]	1	575.12	70					38	41	EC	400V	standard	8550	2448	2410				
CMV*8161CTE 370 [rpm]	1	528.16	67					35	38	EC	400V	Microchannel	9280	2255	2000				
WSB 2202 E	2	R134a	585.0					CSE*1063BTD	1	579.19	90	58	61	AC	400V	standard	6900	2431	1760
								CVR*8074BTD	1	578.08	85	54	57	AC	400V	standard	7000	1100	1590
				CDR*8104BTY	1	598.96	82	50	53	AC	400V	standard	5060	2160	2150				
				CMV*8121STD	1	675.6	78	46	49	AC	400V	Microchannel	6960	2255	2000				
				CMV*8121STY	1	579.96	74	42	45	AC	400V	Microchannel	6960	2255	2000				
				CSE*1063CTB 960 [rpm]	1	582.63	93	61	64	EC	400V	standard	6900	2431	1760				
				CVR*8074CTB 950 [rpm]	1	592.68	86	54	57	EC	400V	standard	7000	1100	1590				
				CSE*1083CTS 610 [rpm]	1	586.36	82	50	53	EC	400V	standard	9200	2431	1760				
				CDR*8104CTE 735 [rpm]	1	607.29	78	46	49	EC	400V	standard	5060	2160	2150				
				CGA*1103CTS 470 [rpm]	1	632.94	77	45	48	EC	400V	standard	7140	2448	2410				
				CMV*8121CTE 610 [rpm]	1	608.04	75	43	46	EC	400V	Microchannel	6960	2255	2000				
				CGA*1123CTS 330 [rpm]	1	575.12	70	38	41	EC	400V	standard	8550	2448	2410				
CMV*8201CTE 320 [rpm]	1	586.6	66	34	37	EC	400V	Microchannel	11600	2255	2000								
WSB 2202 E	2	R134a	652.0	CSE*1064BTD	1	662.03	90	58	61	AC	400V	standard	6900	2431	1760				
				CSE*1083BTY	1	683.05	87	55	58	AC	400V	standard	9200	2431	1760				
				CMV*8121STD	1	675.6	78	46	49	AC	400V	Microchannel	6960	2255	2000				
				CGA*1103STY	1	679.52	78	46	49	AC	400V	standard	7140	2448	2410				
				CSE*1064CTB 960 [rpm]	1	670.24	93	61	64	EC	400V	standard	6900	2431	1760				
				CSE*1083CTS 750 [rpm]	1	668.3	86	54	57	EC	400V	standard	9200	2431	1760				
				CDR*8104CTB 810 [rpm]	1	662.87	84	52	55	EC	400V	standard	5060	2160	2150				
				CSE*1084CTS 610 [rpm]	1	646.72	82	50	53	EC	400V	standard	9200	2431	1760				
				CGA*1103CTS 540 [rpm]	1	699.17	80	48	51	EC	400V	standard	7140	2448	2410				
				CMV*8121CTE 670 [rpm]	1	657.96	77	45	48	EC	400V	Microchannel	6960	2255	2000				
				CGA*1123CTS 400 [rpm]	1	668.69	74	42	45	EC	400V	standard	8550	2448	2410				
				CMV*8161CTE 490 [rpm]	1	671.84	73	41	44	EC	400V	Microchannel	9280	2255	2000				
CMV*8201CTE 430 [rpm]	1	749.8	71	39	42	EC	400V	Microchannel	11600	2255	2000								

Combinations

code	number of circuits	refrigerant	dissipated heating capacity Water temp. 7°C-12°C, Condensation temp.45°C	Remote condenser	No. of remote condensers to be combined with the chiller	Dissipated heating capacity External air temp. 30°C, Average condensation temp.45°C	Sound power [dB(A)]	Sound pressure Q=1 [dB(A)] 10m	Sound pressure Q=2 [dB(A)] 10m	Type of fan	Electrical voltage [V]	Heat exchanger	Length (mm)	Width (mm)	Height (mm)				
WSB 2502 E	2	R134a	740.0	CSE°1083BTD	1	759.19	91	59	62	AC	400V	standard	9200	2431	1760				
				CSE°1084BTY	1	765.74	87	55	58	AC	400V	standard	9200	2431	1760				
				CGA°1104STY	1	730.4	78	46	49	AC	400V	standard	7140	2448	2410				
				CSE°1083CTB 960 [rpm]	1	763.22	94	62	65	EC	400V	standard	9200	2431	1760				
				CGA°1083CTB 960 [rpm]	1	738.02	94	62	65	EC	400V	standard	5730	2448	2410				
				CDR°8104CTB 950 [rpm]	1	743.22	87	55	58	EC	400V	standard	5060	2160	2150				
				CSE°1084CTS 750 [rpm]	1	753.51	86	54	57	EC	400V	standard	9200	2431	1760				
				CGA°1103CTS 610 [rpm]	1	763.67	83	51	54	EC	400V	standard	7140	2448	2410				
				CGA°1104CTS 540 [rpm]	1	759.37	80	48	51	EC	400V	standard	7140	2448	2410				
				CGA°1123CTS 470 [rpm]	1	759.53	78	46	49	EC	400V	standard	8550	2448	2410				
				CMV°8161CTE 550 [rpm]	1	742.72	75	43	46	EC	400V	Microchannel	9280	2255	2000				
				CMV°8201CTE 430 [rpm]	1	749.8	71	39	42	EC	400V	Microchannel	11600	2255	2000				
				WSB 2802 E	2	R134a	824.0	CSE°1084BTD	1	872.87	91	59	62	AC	400V	standard	9200	2431	1760
								CMV°8121BTD	1	849.96	88	56	59	AC	400V	Microchannel	6960	2255	2000
CGA°1123STY	1	815.42	78					46	49	AC	400V	standard	8550	2448	2410				
CSE°1084CTB 885 [rpm]	1	827.68	92					60	63	EC	400V	standard	9200	2431	1760				
CGA°1103CTS 680 [rpm]	1	819.58	85					53	56	EC	400V	standard	7140	2448	2410				
CGA°1104CTS 610 [rpm]	1	840.44	83					51	54	EC	400V	standard	7140	2448	2410				
CGA°1123CTS 540 [rpm]	1	839	81					49	52	EC	400V	standard	8550	2448	2410				
CMV°8161CTE 610 [rpm]	1	810.72	76					44	47	EC	400V	Microchannel	9280	2255	2000				
CMV°8201CTE 550 [rpm]	1	928.4	76					44	47	EC	400V	Microchannel	11600	2255	2000				
CMV°8201CTB 460 [rpm]	1	810	75					43	46	EC	400V	Microchannel	11600	2255	2000				
CMV°8121CTE 430 [rpm]	2	449.88	69					37	40	EC	400V	Microchannel	6960	2255	2000				
CMV°8161CTE 320 [rpm]	2	469.28	65					33	36	EC	400V	Microchannel	9280	2255	2000				
WF 2512 E	2	R134a	690.0					CSE°1083BTY	1	683.05	87	55	58	AC	400V	standard	9200	2431	1760
								CMV°8121BTY	1	717	82	50	53	AC	400V	Microchannel	6960	2255	2000
				CGA°1103STY	1	679.52	78	46	49	AC	400V	standard	7140	2448	2410				
				CSE°1083CTS 820 [rpm]	1	704.96	88	56	59	EC	400V	standard	9200	2431	1760				
				CDR°8104CTB 880 [rpm]	1	703.43	86	54	57	EC	400V	standard	5060	2160	2150				
				CSE°1084CTS 680 [rpm]	1	701.83	84	52	55	EC	400V	standard	9200	2431	1760				
				CGA°1103CTS 540 [rpm]	1	699.17	80	48	51	EC	400V	standard	7140	2448	2410				
				CMV°8121CTE 735 [rpm]	1	714	79	47	50	EC	400V	Microchannel	6960	2255	2000				
				CGA°1123CTS 470 [rpm]	1	759.53	78	46	49	EC	400V	standard	8550	2448	2410				
				CMV°8161CTE 550 [rpm]	1	742.72	75	43	46	EC	400V	Microchannel	9280	2255	2000				
				CMV°8201CTE 430 [rpm]	1	749.8	71	39	42	EC	400V	Microchannel	11600	2255	2000				
				WF 2812 E	2	R134a	786.0	CSE°1084BTD	1	872.87	91	59	62	AC	400V	standard	9200	2431	1760
								CMV°8121BTD	1	849.96	88	56	59	AC	400V	Microchannel	6960	2255	2000
								CGA°1084BTY	1	776.14	87	55	58	AC	400V	standard	5730	2448	2410
CDR°8104CTB 1020 [rpm]	1	781.06	89					57	60	EC	400V	standard	5060	2160	2150				
CSE°1084CTS 820 [rpm]	1	802.38	88					56	59	EC	400V	standard	9200	2431	1760				
CMV°8121CTB 810 [rpm]	1	780.6	85					53	56	EC	400V	Microchannel	6960	2255	2000				
CGA°1104CTS 610 [rpm]	1	840.44	83					51	54	EC	400V	standard	7140	2448	2410				
CGA°1123CTS 540 [rpm]	1	839	81					49	52	EC	400V	standard	8550	2448	2410				
CMV°8161CTE 610 [rpm]	1	810.72	76					44	47	EC	400V	Microchannel	9280	2255	2000				
CMV°8201CTE 490 [rpm]	1	839.8	73					41	44	EC	400V	Microchannel	11600	2255	2000				
CMV°8201CTE 460 [rpm]	1	810	75					43	46	EC	400V	Microchannel	11600	2255	2000				
WF 3212 E	2	R134a	943.0					CGA°1103BTD	1	993.44	92	60	63	AC	400V	standard	7140	2448	2410
								CGA°1104BTY	1	1000.82	88	56	59	AC	400V	standard	7140	2448	2410
								CMV°8161BTY	1	956	84	52	55	AC	400V	Microchannel	9280	2255	2000
				CGA°1103CTB 885 [rpm]	1	944.34	93	61	64	EC	400V	standard	7140	2448	2410				
				CGA°1104CTS 750 [rpm]	1	980.55	87	55	58	EC	400V	standard	7140	2448	2410				
				CGA°1123CTS 680 [rpm]	1	983.49	86	54	57	EC	400V	standard	8550	2448	2410				
				CMV°8161CTE 735 [rpm]	1	952	80	48	51	EC	400V	Microchannel	9280	2255	2000				
				CGA°1124CTS 610 [rpm]	1	1008.52	84	52	55	EC	400V	standard	8550	2448	2410				
				CMV°8201CTE 610 [rpm]	1	1013.4	77	45	48	EC	400V	Microchannel	11600	2255	2000				
				WF 3612 E	2	R134a	1063.0	CGA°1104BTD	1	1139.41	92	60	63	AC	400V	standard	7140	2448	2410
								CGA°1124BTY	1	1200.99	89	57	60	AC	400V	standard	8550	2448	2410
								CMV°8201STD	1	1126	80	48	51	AC	400V	Microchannel	11600	2255	2000
								CGA°1104CTB 885 [rpm]	1	1077.46	93	61	64	EC	400V	standard	7140	2448	2410
								CGA°1123CTS 820 [rpm]	1	1104.56	90	58	61	EC	400V	standard	8550	2448	2410
CGA°1124CTS 680 [rpm]	1	1095.03	86					54	57	EC	400V	standard	8550	2448	2410				
CMV°8201CTE 670 [rpm]	1	1096.6	79					47	50	EC	400V	Microchannel	11600	2255	2000				
CGA°1103CTS 400 [rpm]	2	557.24	74					42	45	EC	400V	standard	7140	2448	2410				
CGA°1123CTS 330 [rpm]	2	575.12	70					38	41	EC	400V	standard	8550	2448	2410				
CMV°8201CTE 320 [rpm]	2	586.6	66					34	37	EC	400V	Microchannel	11600	2255	2000				
WF 4212 E	2	R134a	1201.0					CGA°1124BTD	1	1367.29	93	61	64	AC	400V	standard	8550	2448	2410
								CGA°1124BTY	1	1200.99	89	57	60	AC	400V	standard	8550	2448	2410
								CGA°1124CTS 820 [rpm]	1	1253.69	90	58	61	EC	400V	standard	8550	2448	2410
								CMV°8201CTB 740 [rpm]	1	1215.2	85	53	56	EC	400V	Microchannel	11600	2255	2000
				CVR°8074CTB 1020 [rpm]	2	622.31	88	56	59	EC	400V	standard	7000	1100	1590				
				CSE°1064CTS 820 [rpm]	2	606.67	87	55	58	EC	400V	standard	6900	2431	1760				
				CSE°1083CTS 680 [rpm]	2	628.76	84	52	55	EC	400V	standard	9200	2431	1760				
				CDR°8104CTB 740 [rpm]	2	619.52	82	50	53	EC	400V	standard	5060	2160	2150				
				CGA°1103CTS 470 [rpm]	2	632.94	77	45	48	EC	400V	standard	7140	2448	2410				
				CGA°1123CTS 400 [rpm]	2	668.69	74	42	45	EC	400V	standard	8550	2448	2410				
				CMV°8201CTB 320 [rpm]	2	600	68	36	39	EC	400V	Microchannel	11600	2255	2000				

Combinations

code	number of circuits	refrigerant	dissipated heating capacity Water temp. 7°C-12°C, Condensation temp. 45°C	Remote condenser	No. of remote condensers to be combined with the chiller	Dissipated heating capacity External air temp. 30°C, Average condensation temp. 45°C	Sound power [dB(A)]	Sound pressure Q=1 [dB(A)] 10m	Sound pressure Q=2 [dB(A)] 10m	Type of fan	Electrical voltage [V]	Heat exchanger	Length (mm)	Width (mm)	Height (mm)				
WF 4812 E	2	R134a	1356.0	CGA*1124BTD	1	1367.29	93	61	64	AC	400V	standard	8550	2448	2410				
				CMV*8201BTD	1	1416.6	90	58	61	AC	400V	Microchannel	11600	2255	2000				
				CGA*1124CTB 960 [rpm]	1	1379.45	96	64	67	EC	400V	standard	8550	2448	2410				
				CMV*8201CTB 880 [rpm]	1	1376.8	89	57	60	EC	400V	Microchannel	11600	2255	2000				
				CDR*8104CTB 880 [rpm]	2	703.43	86	54	57	EC	400V	standard	5060	2160	2150				
				CGA*1103CTB 585 [rpm]	2	728.78	84	52	55	EC	400V	standard	7140	2448	2410				
				CMV*8121CTB 740 [rpm]	2	729.12	83	51	54	EC	400V	Microchannel	6960	2255	2000				
				CGA*1104CTB 510 [rpm]	2	715.33	81	49	52	EC	400V	standard	7140	2448	2410				
				CGA*1123CTB 435 [rpm]	2	703.87	78	46	49	EC	400V	standard	8550	2448	2410				
				CMV*8161CTB 530 [rpm]	2	736	77	45	48	EC	400V	Microchannel	9280	2255	2000				
				CMV*8201CTB 390 [rpm]	2	703.4	72	40	43	EC	400V	Microchannel	11600	2255	2000				
				CSE*1084BTY	2	765.74	87	55	58	AC	400V	standard	9200	2431	1760				
				CGA*1123STY	2	815.42	78	46	49	AC	400V	standard	8550	2448	2410				
				CGA*1103CTS 610 [rpm]	2	763.67	83	51	54	EC	400V	standard	7140	2448	2410				
WF 5612 E	2	R134a	1521.0	CMV*8201CTB 1020 [rpm]	1	1516.8	92	60	63	EC	400V	Microchannel	11600	2255	2000				
				CGA*1123CTS 540 [rpm]	2	839	81	49	52	EC	400V	standard	8550	2448	2410				
				CMV*8161CTE 610 [rpm]	2	810.72	76	44	47	EC	400V	Microchannel	9280	2255	2000				
				CMV*8201CTE 490 [rpm]	2	839.8	73	41	44	EC	400V	Microchannel	11600	2255	2000				
				CSE*1084BTD	2	872.87	91	59	62	AC	400V	standard	9200	2431	1760				
				CMV*8121BTD	2	849.96	88	56	59	AC	400V	Microchannel	6960	2255	2000				
				CGA*1124STY	2	876.48	78	46	49	AC	400V	standard	8550	2448	2410				
				CSE*1084CTB 960 [rpm]	2	882.55	94	62	65	EC	400V	standard	9200	2431	1760				
				CGA*1103CTS 750 [rpm]	2	871.9	87	55	58	EC	400V	standard	7140	2448	2410				
				CGA*1104CTS 610 [rpm]	2	840.44	83	51	54	EC	400V	standard	7140	2448	2410				
				CGA*1123CTS 540 [rpm]	2	839	81	49	52	EC	400V	standard	8550	2448	2410				
				CMV*8161CTE 670 [rpm]	2	877.28	78	46	49	EC	400V	Microchannel	9280	2255	2000				
				CMV*8201CTE 490 [rpm]	2	839.8	73	41	44	EC	400V	Microchannel	11600	2255	2000				
				WF 6412 E	2	R134a	1673.0	CSE*1083BTD	1	759.19	91	59	62	AC	400V	standard	9200	2431	1760
CSE*1084BTY	1	765.74	87					55	58	AC	400V	standard	9200	2431	1760				
CGA*1104STY	1	730.4	78					46	49	AC	400V	standard	7140	2448	2410				
CSE*1083CTB 960 [rpm]	1	763.22	94					62	65	EC	400V	standard	9200	2431	1760				
CDR*8104CTB 950 [rpm]	1	743.22	87					55	58	EC	400V	standard	5060	2160	2150				
CSE*1084CTS 750 [rpm]	1	753.51	86					54	57	EC	400V	standard	9200	2431	1760				
CGA*1103CTS 610 [rpm]	1	763.67	83					51	54	EC	400V	standard	7140	2448	2410				
CGA*1104CTS 540 [rpm]	1	759.37	80					48	51	EC	400V	standard	7140	2448	2410				
CGA*1123CTS 470 [rpm]	1	759.53	78					46	49	EC	400V	standard	8550	2448	2410				
CMV*8161CTE 550 [rpm]	1	742.72	75					43	46	EC	400V	Microchannel	9280	2255	2000				
CMV*8201CTE 430 [rpm]	1	749.8	71					39	42	EC	400V	Microchannel	11600	2255	2000				
WF 2512 AE	2	R134a	728.0					CSE*1084BTD	1	872.87	91	59	62	AC	400V	standard	9200	2431	1760
								CMV*8121BTD	1	849.96	88	56	59	AC	400V	Microchannel	6960	2255	2000
								CGA*1123STY	1	815.42	78	46	49	AC	400V	standard	8550	2448	2410
				CSE*1084CTB 885 [rpm]	1	827.68	92	60	63	EC	400V	standard	9200	2431	1760				
				CGA*1103CTS 750 [rpm]	1	871.9	87	55	58	EC	400V	standard	7140	2448	2410				
				CGA*1104CTS 610 [rpm]	1	840.44	83	51	54	EC	400V	standard	7140	2448	2410				
				CGA*1123CTS 540 [rpm]	1	839	81	49	52	EC	400V	standard	8550	2448	2410				
				CMV*8161CTE 670 [rpm]	1	877.28	78	46	49	EC	400V	Microchannel	9280	2255	2000				
				CMV*8201CTE 490 [rpm]	1	839.8	73	41	44	EC	400V	Microchannel	11600	2255	2000				
				WF 2812 AE	2	R134a	827.0	CGA*1104BTY	1	1000.82	88	56	59	AC	400V	standard	7140	2448	2410
								CMV*8201STD	1	1126	80	48	51	AC	400V	Microchannel	11600	2255	2000
								CGA*1103CTB 960 [rpm]	1	997.39	95	63	66	EC	400V	standard	7140	2448	2410
								CGA*1104CTS 820 [rpm]	1	1044.74	89	57	60	EC	400V	standard	7140	2448	2410
								CGA*1123CTS 750 [rpm]	1	1046.28	88	56	59	EC	400V	standard	8550	2448	2410
CGA*1124CTS 610 [rpm]	1	1008.52	84					52	55	EC	400V	standard	8550	2448	2410				
CMV*8201CTE 610 [rpm]	1	1013.4	77					45	48	EC	400V	Microchannel	11600	2255	2000				
WF 3212 AE	2	R134a	995.0					CGA*1104BTD	1	1139.41	92	60	63	AC	400V	standard	7140	2448	2410
								CMV*8161BTD	1	1133.28	89	57	60	AC	400V	Microchannel	9280	2255	2000
								CMV*8201STD	1	1126	80	48	51	AC	400V	Microchannel	11600	2255	2000
								CGA*1104CTB 960 [rpm]	1	1149.54	95	63	66	EC	400V	standard	7140	2448	2410
								CGA*1123CTB 885 [rpm]	1	1133.21	94	62	65	EC	400V	standard	8550	2448	2410
								CGA*1124CTS 820 [rpm]	1	1253.69	90	58	61	EC	400V	standard	8550	2448	2410
								CGA*1124CTS 750 [rpm]	1	1176.65	88	56	59	EC	400V	standard	8550	2448	2410
				CMV*8201CTE 735 [rpm]	1	1190	81	49	52	EC	400V	Microchannel	11600	2255	2000				
				CDR*8104CTE 670 [rpm]	2	561.01	76	44	47	EC	400V	standard	5060	2160	2150				
				CMV*8121CTE 610 [rpm]	2	608.04	75	43	46	EC	400V	Microchannel	6960	2255	2000				
				CGA*1104CTS 400 [rpm]	2	585.06	74	42	45	EC	400V	standard	7140	2448	2410				
				CGA*1123CTS 330 [rpm]	2	575.12	70	38	41	EC	400V	standard	8550	2448	2410				
				CMV*8201CTE 320 [rpm]	2	586.6	66	34	37	EC	400V	Microchannel	11600	2255	2000				
				WF 3612 AE	2	R134a	1120.0	CGA*1124BTD	1	1367.29	93	61	64	AC	400V	standard	8550	2448	2410
CMV*8201BTD	1	1416.6	90					58	61	AC	400V	Microchannel	11600	2255	2000				
CGA*1124CTB 885 [rpm]	1	1292.95	94					62	65	EC	400V	standard	8550	2448	2410				
CMV*8201CTB 810 [rpm]	1	1301	87					55	58	EC	400V	Microchannel	11600	2255	2000				
CDR*8104CTB 810 [rpm]	2	662.87	84					52	55	EC	400V	standard	5060	2160	2150				
CGA*1103CTB 510 [rpm]	2	663.65	81					49	52	EC	400V	standard	7140	2448	2410				
CGA*1123CTB 435 [rpm]	2	703.87	78					46	49	EC	400V	standard	8550	2448	2410				
CMV*8161CTB 460 [rpm]	2	648	74					42	45	EC	400V	Microchannel	9280	2255	2000				
CMV*8201CTB 390 [rpm]	2	703.4	72					40	43	EC	400V	Microchannel	11600	2255	2000				
WF 4212 AE	2	R134a	1264.0					CGA*1124BTD	1	1367.29	93	61	64	AC	400V	standard	8550	2448	2410
								CMV*8201BTD	1	1416.6	90	58	61	AC	400V	Microchannel	11600	2255	2000
								CGA*1124CTB 885 [rpm]	1	1292.95	94	62	65	EC	400V	standard	8550	2448	2410
								CMV*8201CTB 810 [rpm]	1	1301	87	55	58	EC	400V	Microchannel	11600	2255	2000
								CDR*8104CTB 810 [rpm]	2	662.87	84	52	55	EC	400V	standard	5060	2160	2150
				CGA*1103CTB 510 [rpm]	2	663.65	81	49	52	EC	400V	standard	7140	2448	2410				
				CGA*1123CTB 435 [rpm]	2	703.87	78	46	49	EC	400V	standard	8550	2448	2410				
				CMV*8161CTB 460 [rpm]	2	648	74	42	45	EC	400V	Microchannel	9280	2255	2000				
				CMV*8201CTB 390 [rpm]	2	703.4	72	40	43	EC	400V	Microchannel	11600	2255	2000				

Combinations

code	number of circuits	refrigerant	dissipated heating capacity Water temp. 7°C-12°C, Condensation temp. 45°C	Remote condenser	No. of remote condensers to be combined with the chiller	Dissipated heating capacity External air temp. 30°C, Average condensation temp. 45°C	Sound power [dB(A)]	Sound pressure Q=1 [dB(A)] 10m	Sound pressure Q=2 [dB(A)] 10m	Type of fan	Electrical voltage [V]	Heat exchanger	Length (mm)	Width (mm)	Height (mm)
WF 4812 AE	2	R134a	1428.0	CSE°1083BTD	2	759.19	91	59	62	AC	400V	standard	9200	2431	1760
				CDR°8104BTD	2	719.42	87	55	58	AC	400V	standard	5060	2160	2150
				CMV°8121BTY	2	717	82	50	53	AC	400V	Microchannel	6960	2255	2000
				CMV°8201CTB 950 [rpm]	1	1452	90	58	61	EC	400V	Microchannel	11600	2255	2000
				CSE°1083CTB 885 [rpm]	2	723.13	92	60	63	EC	400V	standard	9200	2431	1760
				CDR°8104CTB 950 [rpm]	2	743.22	87	55	58	EC	400V	standard	5060	2160	2150
				CSE°1084CTS 750 [rpm]	2	753.51	86	54	57	EC	400V	standard	9200	2431	1760
				CGA°1103CTS 610 [rpm]	2	763.67	83	51	54	EC	400V	standard	7140	2448	2410
				CMV°8121CTE 735 [rpm]	2	714	79	47	50	EC	400V	Microchannel	6960	2255	2000
				CGA°1123CTS 470 [rpm]	2	759.53	78	46	49	EC	400V	standard	8550	2448	2410
				CMV°8161CTE 550 [rpm]	2	742.72	75	43	46	EC	400V	Microchannel	9280	2255	2000
				CMV°8201CTE 430 [rpm]	2	749.8	71	39	42	EC	400V	Microchannel	11600	2255	2000
				WF 5612 AE	2	R134a	1559.0	CSE°1084BTD	2	872.87	91	59	62	AC	400V
CMV°8121BTD	2	849.96	88					56	59	AC	400V	Microchannel	6960	2255	2000
CGA°1084BTY	2	776.14	87					55	58	AC	400V	standard	5730	2448	2410
CDR°8104CTB 1020 [rpm]	2	781.06	89					57	60	EC	400V	standard	5060	2160	2150
CSE°1084CTS 820 [rpm]	2	802.38	88					56	59	EC	400V	standard	9200	2431	1760
CGA°1103CTS 680 [rpm]	2	819.58	85					53	56	EC	400V	standard	7140	2448	2410
CGA°1104CTS 610 [rpm]	2	840.44	83					51	54	EC	400V	standard	7140	2448	2410
CGA°1123CTS 540 [rpm]	2	839	81					49	52	EC	400V	standard	8550	2448	2410
CMV°8161CTE 610 [rpm]	2	810.72	76					44	47	EC	400V	Microchannel	9280	2255	2000
CMV°8201CTE 490 [rpm]	2	839.8	73					41	44	EC	400V	Microchannel	11600	2255	2000
CSE°1084BTD	2	872.87	91					59	62	AC	400V	standard	9200	2431	1760
CGA°1103BTY	2	894.53	88					56	59	AC	400V	standard	7140	2448	2410
CMV°8161STD	2	900.8	79					47	50	AC	400V	Microchannel	9280	2255	2000
WF 6412 AE	2	R134a	1728.0	CSE°1084CTB 960 [rpm]	2	882.55	94	62	65	EC	400V	standard	9200	2431	1760
				CGA°1103CTS 750 [rpm]	2	871.9	87	55	58	EC	400V	standard	7140	2448	2410
				CGA°1104CTS 680 [rpm]	2	912.52	85	53	56	EC	400V	standard	7140	2448	2410
				CGA°1123CTS 610 [rpm]	2	916.4	84	52	55	EC	400V	standard	8550	2448	2410
				CMV°8161CTE 670 [rpm]	2	877.28	78	46	49	EC	400V	Microchannel	9280	2255	2000
				CMV°8201CTE 550 [rpm]	2	928.4	76	44	47	EC	400V	Microchannel	11600	2255	2000
				CSE°1083BTY	1	683.05	87	55	58	AC	400V	standard	9200	2431	1760
				CMV°8121BTY	1	717	82	50	53	AC	400V	Microchannel	6960	2255	2000
				CGA°1103STY	1	679.52	78	46	49	AC	400V	standard	7140	2448	2410
				CSE°1083CTS 820 [rpm]	1	704.96	88	56	59	EC	400V	standard	9200	2431	1760
				CDR°8104CTB 880 [rpm]	1	703.43	86	54	57	EC	400V	standard	5060	2160	2150
				CSE°1084CTS 680 [rpm]	1	701.83	84	52	55	EC	400V	standard	9200	2431	1760
				CGA°1103CTS 540 [rpm]	1	699.17	80	48	51	EC	400V	standard	7140	2448	2410
CMV°8121CTE 735 [rpm]	1	714	79	47	50	EC	400V	Microchannel	6960	2255	2000				
HWF 2512 E	2	R134a	681.0	CGA°1123CTS 470 [rpm]	1	759.53	78	46	49	EC	400V	standard	8550	2448	2410
				CMV°8161CTE 550 [rpm]	1	742.72	75	43	46	EC	400V	Microchannel	9280	2255	2000
				CGA°1124CTS 400 [rpm]	1	702.08	74	42	45	EC	400V	standard	8550	2448	2410
				CMV°8201CTE 430 [rpm]	1	749.8	71	39	42	EC	400V	Microchannel	11600	2255	2000
				CSE°1084BTD	1	872.87	91	59	62	AC	400V	standard	9200	2431	1760
				CMV°8121BTD	1	849.96	88	56	59	AC	400V	Microchannel	6960	2255	2000
				CGA°1084BTY	1	776.14	87	55	58	AC	400V	standard	5730	2448	2410
				CDR°8104CTB 1020 [rpm]	1	781.06	89	57	60	EC	400V	standard	5060	2160	2150
				CSE°1084CTS 820 [rpm]	1	802.38	88	56	59	EC	400V	standard	9200	2431	1760
				CGA°1103CTS 680 [rpm]	1	819.58	85	53	56	EC	400V	standard	7140	2448	2410
				CGA°1104CTS 610 [rpm]	1	840.44	83	51	54	EC	400V	standard	7140	2448	2410
				CGA°1123CTS 540 [rpm]	1	839	81	49	52	EC	400V	standard	8550	2448	2410
				CMV°8161CTE 610 [rpm]	1	810.72	76	44	47	EC	400V	Microchannel	9280	2255	2000
CMV°8201CTE 490 [rpm]	1	839.8	73	41	44	EC	400V	Microchannel	11600	2255	2000				
HWF 2812 E	2	R134a	776.0	CGA°1103BTD	1	993.44	92	60	63	AC	400V	standard	7140	2448	2410
				CGA°1104BTY	1	1000.82	88	56	59	AC	400V	standard	7140	2448	2410
				CMV°8161BTY	1	956	84	52	55	AC	400V	Microchannel	9280	2255	2000
				CGA°1103CTS 820 [rpm]	1	920.47	89	57	60	EC	400V	standard	7140	2448	2410
				CGA°1104CTS 750 [rpm]	1	980.55	87	55	58	EC	400V	standard	7140	2448	2410
				CGA°1123CTS 610 [rpm]	1	916.4	84	52	55	EC	400V	standard	8550	2448	2410
				CMV°8161CTE 735 [rpm]	1	952	80	48	51	EC	400V	Microchannel	9280	2255	2000
				CMV°8201CTE 550 [rpm]	1	928.4	76	44	47	EC	400V	Microchannel	11600	2255	2000
				CGA°1104BTD	1	1139.41	92	60	63	AC	400V	standard	7140	2448	2410
				CGA°1123BTY	1	1073.43	89	57	60	AC	400V	standard	8550	2448	2410
				CMV°8201STD	1	1126	80	48	51	AC	400V	Microchannel	11600	2255	2000
				CGA°1104CTS 820 [rpm]	1	1044.74	89	57	60	EC	400V	standard	7140	2448	2410
				CGA°1123CTS 750 [rpm]	1	1046.28	88	56	59	EC	400V	standard	8550	2448	2410
HWF 3212 E	2	R134a	915.0	CGA°1124CTS 680 [rpm]	1	1095.03	86	54	57	EC	400V	standard	8550	2448	2410
				CMV°8201CTE 670 [rpm]	1	1096.6	79	47	50	EC	400V	Microchannel	11600	2255	2000
				CDR°8103CTE 735 [rpm]	2	547.09	78	46	49	EC	400V	standard	5060	2160	2150
				CDR°8104CTE 610 [rpm]	2	519.84	74	42	45	EC	400V	standard	5060	2160	2150
				CGA°1123CTS 330 [rpm]	2	575.12	70	38	41	EC	400V	standard	8550	2448	2410
				CMV°8161CTE 370 [rpm]	2	528.16	67	35	38	EC	400V	Microchannel	9280	2255	2000
				CMV°8201CTE 320 [rpm]	2	586.6	66	34	37	EC	400V	Microchannel	11600	2255	2000

Combinations

code	number of circuits	refrigerant	dissipated heating capacity Water temp. 7°C-12°C, Condensation temp. 45°C	Remote condenser	No. of remote condensers to be combined with the chiller	Dissipated heating capacity External air temp. 30°C, Average condensation temp. 45°C	Sound power [dB(A)]	Sound pressure Q=1 [dB(A)] 10m	Sound pressure Q=2 [dB(A)] 10m	Type of fan	Electrical voltage [V]	Heat exchanger	Length (mm)	Width (mm)	Height (mm)				
HWF 4212 E	2	R134a	1193.0	CGA°1124BTY	1	1200.99	89	57	60	AC	400V	standard	8550	2448	2410				
				CMV°8201BTY	1	1195	85	53	56	AC	400V	Microchannel	11600	2255	2000				
				CGA°1123CTB 960 [rpm]	1	1196.86	96	64	67	EC	400V	standard	8550	2448	2410				
				CGA°1124CTS 820 [rpm]	1	1253.69	90	58	61	EC	400V	standard	8550	2448	2410				
				CMV°8201CTB 740 [rpm]	1	1215.2	85	53	56	EC	400V	Microchannel	11600	2255	2000				
				CSE°1083CTS 680 [rpm]	2	628.76	84	52	55	EC	400V	standard	9200	2431	1760				
				CDR°8104CTB 740 [rpm]	2	619.52	82	50	53	EC	400V	standard	5060	2160	2150				
				CGA°1103CTS 470 [rpm]	2	632.94	77	45	48	EC	400V	standard	7140	2448	2410				
				CGA°1123CTS 400 [rpm]	2	668.69	74	42	45	EC	400V	standard	8550	2448	2410				
				CMV°8201CTB 320 [rpm]	2	600	68	36	39	EC	400V	Microchannel	11600	2255	2000				
				HWF 4812 E	2	R134a	1348.0	CSE°1083BTY	2	683.05	87	55	58	AC	400V	standard	9200	2431	1760
CMV°8121STD	2	675.6	78					46	49	AC	400V	Microchannel	6960	2255	2000				
CGA°1103STY	2	679.52	78					46	49	AC	400V	standard	7140	2448	2410				
CGA°1124CTB 960 [rpm]	1	1379.45	96					64	67	EC	400V	standard	8550	2448	2410				
CMV°8201CTB 880 [rpm]	1	1376.8	89					57	60	EC	400V	Microchannel	11600	2255	2000				
CSE°1083CTS 820 [rpm]	2	704.96	88					56	59	EC	400V	standard	9200	2431	1760				
CDR°8104CTB 880 [rpm]	2	703.43	86					54	57	EC	400V	standard	5060	2160	2150				
CSE°1084CTS 680 [rpm]	2	701.83	84					52	55	EC	400V	standard	9200	2431	1760				
CGA°1103CTS 540 [rpm]	2	699.17	80					48	51	EC	400V	standard	7140	2448	2410				
CMV°8121CTE 735 [rpm]	2	714	79					47	50	EC	400V	Microchannel	6960	2255	2000				
CGA°1104CTS 470 [rpm]	2	676.98	77					45	48	EC	400V	standard	7140	2448	2410				
CMV°8161CTE 550 [rpm]	2	742.72	75					43	46	EC	400V	Microchannel	9280	2255	2000				
CGA°1104CTS 470 [rpm]	2	676.98	77					45	48	EC	400V	standard	7140	2448	2410				
CMV°8161CTE 550 [rpm]	2	742.72	75					43	46	EC	400V	Microchannel	9280	2255	2000				
CGA°1124CTS 400 [rpm]	2	702.08	74					42	45	EC	400V	standard	8550	2448	2410				
CMV°8201CTE 430 [rpm]	2	749.8	71					39	42	EC	400V	Microchannel	11600	2255	2000				
HWF 5612 E	2	R134a	1543.0					CSE°1084BTD	2	872.87	91	59	62	AC	400V	standard	9200	2431	1760
				CMV°8121BTD	2	849.96	88	56	59	AC	400V	Microchannel	6960	2255	2000				
				CGA°1084BTY	2	776.14	87	55	58	AC	400V	standard	5730	2448	2410				
				CMV°8201CTB 1020 [rpm]	1	1516.8	92	60	63	EC	400V	Microchannel	11600	2255	2000				
				CDR°8104CTB 1020 [rpm]	2	781.06	89	57	60	EC	400V	standard	5060	2160	2150				
				CSE°1084CTS 820 [rpm]	2	802.38	88	56	59	EC	400V	standard	9200	2431	1760				
				CGA°1103CTS 680 [rpm]	2	819.58	85	53	56	EC	400V	standard	7140	2448	2410				
				CGA°1104CTS 610 [rpm]	2	840.44	83	51	54	EC	400V	standard	7140	2448	2410				
				CGA°1123CTS 540 [rpm]	2	839	81	49	52	EC	400V	standard	8550	2448	2410				
				CMV°8161CTE 610 [rpm]	2	810.72	76	44	47	EC	400V	Microchannel	9280	2255	2000				
				CMV°8201CTE 490 [rpm]	2	839.8	73	41	44	EC	400V	Microchannel	11600	2255	2000				
				HWF 6412 E	2	R134a	1651.0	CSE°1084BTD	2	872.87	91	59	62	AC	400V	standard	9200	2431	1760
CMV°8121BTD	2	849.96	88					56	59	AC	400V	Microchannel	6960	2255	2000				
CGA°1123STY	2	815.42	78					46	49	AC	400V	standard	8550	2448	2410				
CSE°1084CTB 885 [rpm]	2	827.68	92					60	63	EC	400V	standard	9200	2431	1760				
CGA°1103CTS 750 [rpm]	2	871.9	87					55	58	EC	400V	standard	7140	2448	2410				
CGA°1104CTS 610 [rpm]	2	840.44	83					51	54	EC	400V	standard	7140	2448	2410				
CGA°1123CTS 540 [rpm]	2	839	81					49	52	EC	400V	standard	8550	2448	2410				
CMV°8161CTE 670 [rpm]	2	877.28	78					46	49	EC	400V	Microchannel	9280	2255	2000				
CMV°8201CTE 490 [rpm]	2	839.8	73					41	44	EC	400V	Microchannel	11600	2255	2000				
HWF 2512 AE	2	R134a	720.0					CSE°1083BTD	1	759.19	91	59	62	AC	400V	standard	9200	2431	1760
								CSE°1084BTY	1	765.74	87	55	58	AC	400V	standard	9200	2431	1760
								CGA°1104STY	1	730.4	78	46	49	AC	400V	standard	7140	2448	2410
				CSE°1083CTB 885 [rpm]	1	723.13	92	60	63	EC	400V	standard	9200	2431	1760				
				CDR°8104CTB 950 [rpm]	1	743.22	87	55	58	EC	400V	standard	5060	2160	2150				
				CSE°1084CTS 750 [rpm]	1	753.51	86	54	57	EC	400V	standard	9200	2431	1760				
				CGA°1103CTS 610 [rpm]	1	763.67	83	51	54	EC	400V	standard	7140	2448	2410				
				CGA°1104CTS 540 [rpm]	1	759.37	80	48	51	EC	400V	standard	7140	2448	2410				
				CGA°1123CTS 470 [rpm]	1	759.53	78	46	49	EC	400V	standard	8550	2448	2410				
				CMV°8161CTE 550 [rpm]	1	742.72	75	43	46	EC	400V	Microchannel	9280	2255	2000				
				CMV°8201CTE 430 [rpm]	1	749.8	71	39	42	EC	400V	Microchannel	11600	2255	2000				
HWF 2812 AE	2	R134a	819.0	CSE°1084BTD	1	872.87	91	59	62	AC	400V	standard	9200	2431	1760				
				CMV°8121BTD	1	849.96	88	56	59	AC	400V	Microchannel	6960	2255	2000				
				CGA°1123STY	1	815.42	78	46	49	AC	400V	standard	8550	2448	2410				
				CSE°1084CTB 885 [rpm]	1	827.68	92	60	63	EC	400V	standard	9200	2431	1760				
				CGA°1103CTS 680 [rpm]	1	819.58	85	53	56	EC	400V	standard	7140	2448	2410				
				CGA°1104CTS 610 [rpm]	1	840.44	83	51	54	EC	400V	standard	7140	2448	2410				
				CGA°1123CTS 540 [rpm]	1	839	81	49	52	EC	400V	standard	8550	2448	2410				
				CMV°8161CTE 670 [rpm]	1	877.28	78	46	49	EC	400V	Microchannel	9280	2255	2000				
				CMV°8201CTE 490 [rpm]	1	839.8	73	41	44	EC	400V	Microchannel	11600	2255	2000				
				HWF 3212 AE	2	R134a	970.0	CGA°1103BTD	1	993.44	92	60	63	AC	400V	standard	7140	2448	2410
CGA°1104BTY	1	1000.82	88					56	59	AC	400V	standard	7140	2448	2410				
CMV°8201STD	1	1126	80					48	51	AC	400V	Microchannel	11600	2255	2000				
CGA°1103CTB 960 [rpm]	1	997.39	95					63	66	EC	400V	standard	7140	2448	2410				
CGA°1104CTS 750 [rpm]	1	980.55	87					55	58	EC	400V	standard	7140	2448	2410				
CGA°1123CTS 680 [rpm]	1	983.49	86					54	57	EC	400V	standard	8550	2448	2410				
CGA°1124CTS 610 [rpm]	1	1008.52	84					52	55	EC	400V	standard	8550	2448	2410				
CMV°8201CTE 610 [rpm]	1	1013.4	77					45	48	EC	400V	Microchannel	11600	2255	2000				
CMV°8121CTE 490 [rpm]	2	503.88	71					39	42	EC	400V	Microchannel	6960	2255	2000				
CGA°1104CTS 330 [rpm]	2	494.94	70					38	41	EC	400V	standard	7140	2448	2410				
CMV°8161CTE 370 [rpm]	2	528.16	67					35	38	EC	400V	Microchannel	9280	2255	2000				
CMV°8201CTE 320 [rpm]	2	586.6	66	34	37	EC	400V	Microchannel	11600	2255	2000								

Combinations

code	number of circuits	refrigerant	dissipated heating capacity Water temp. 7°C-12°C, Condensation temp. 45°C	Remote condenser	No. of remote condensers to be combined with the chiller	Dissipated heating capacity External air temp. 30°C, Average condensation temp. 45°C	Sound power [dB(A)]	Sound pressure Q=1 [dB(A)] 10m	Sound pressure Q=2 [dB(A)] 10m	Type of fan	Electrical voltage [V]	Heat exchanger	Length (mm)	Width (mm)	Height (mm)
HWF 3612 AE	2	R134a	1087.0	CGA*1104BTD	1	1139.41	92	60	63	AC	400V	standard	7140	2448	2410
				CMV*8161BTD	1	1133.28	89	57	60	AC	400V	Microchannel	9280	2255	2000
				CMV*8201STD	1	1126	80	48	51	AC	400V	Microchannel	11600	2255	2000
				CGA*1104CTB 960 [rpm]	1	1149.54	95	63	66	EC	400V	standard	7140	2448	2410
				CGA*1123CTS 820 [rpm]	1	1104.56	90	58	61	EC	400V	standard	8550	2448	2410
				CGA*1124CTS 680 [rpm]	1	1095.03	86	54	57	EC	400V	standard	8550	2448	2410
				CMV*8201CTE 670 [rpm]	1	1096.6	79	47	50	EC	400V	Microchannel	11600	2255	2000
				CDR*8103CTE 735 [rpm]	2	547.09	78	46	49	EC	400V	standard	5060	2160	2150
				CDR*8104CTE 670 [rpm]	2	561.01	76	44	47	EC	400V	standard	5060	2160	2150
				CGA*1103CTS 400 [rpm]	2	557.24	74	42	45	EC	400V	standard	7140	2448	2410
				CGA*1123CTS 330 [rpm]	2	575.12	70	38	41	EC	400V	standard	8550	2448	2410
				CMV*8201CTE 320 [rpm]	2	586.6	66	34	37	EC	400V	Microchannel	11600	2255	2000
HWF 4212 AE	2	R134a	1260.0	CGA*1124BTD	1	1367.29	93	61	64	AC	400V	standard	8550	2448	2410
				CMV*8201BTD	1	1416.6	90	58	61	AC	400V	Microchannel	11600	2255	2000
				CGA*1124CTB 885 [rpm]	1	1292.95	94	62	65	EC	400V	standard	8550	2448	2410
				CMV*8201CTB 810 [rpm]	1	1301	87	55	58	EC	400V	Microchannel	11600	2255	2000
				CDR*8104CTB 810 [rpm]	2	662.87	84	52	55	EC	400V	standard	5060	2160	2150
				CGA*1103CTB 510 [rpm]	2	663.65	81	49	52	EC	400V	standard	7140	2448	2410
				CGA*1123CTB 435 [rpm]	2	703.87	78	46	49	EC	400V	standard	8550	2448	2410
				CGA*1124CTB 360 [rpm]	2	630.16	74	42	45	EC	400V	standard	8550	2448	2410
				CMV*8201CTB 390 [rpm]	2	703.4	72	40	43	EC	400V	Microchannel	11600	2255	2000
				CSE*1083BTD	2	759.19	91	59	62	AC	400V	standard	9200	2431	1760
				CDR*8104BTD	2	719.42	87	55	58	AC	400V	standard	5060	2160	2150
				CMV*8121BTY	2	717	82	50	53	AC	400V	Microchannel	6960	2255	2000
HWF 4812 AE	2	R134a	1423.0	CMV*8201CTB 950 [rpm]	1	1452	90	58	61	EC	400V	Microchannel	11600	2255	2000
				CSE*1084CTS 750 [rpm]	2	753.51	86	54	57	EC	400V	standard	9200	2431	1760
				CGA*1103CTS 610 [rpm]	2	763.67	83	51	54	EC	400V	standard	7140	2448	2410
				CMV*8121CTE 735 [rpm]	2	714	79	47	50	EC	400V	Microchannel	6960	2255	2000
				CGA*1123CTS 470 [rpm]	2	759.53	78	46	49	EC	400V	standard	8550	2448	2410
				CMV*8161CTE 550 [rpm]	2	742.72	75	43	46	EC	400V	Microchannel	9280	2255	2000
				CMV*8201CTE 430 [rpm]	2	749.8	71	39	42	EC	400V	Microchannel	11600	2255	2000
				CSE*1084BTD	2	872.87	91	59	62	AC	400V	standard	9200	2431	1760
				CMV*8121BTD	2	849.96	88	56	59	AC	400V	Microchannel	6960	2255	2000
				CGA*1123STY	2	815.42	78	46	49	AC	400V	standard	8550	2448	2410
				CMV*8201CTB 1020 [rpm]	1	1516.8	92	60	63	EC	400V	Microchannel	11600	2255	2000
				CSE*1084CTS 820 [rpm]	2	802.38	88	56	59	EC	400V	standard	9200	2431	1760
HWF 5612 AE	2	R134a	1583.0	CGA*1103CTS 680 [rpm]	2	819.58	85	53	56	EC	400V	standard	7140	2448	2410
				CGA*1104CTS 610 [rpm]	2	840.44	83	51	54	EC	400V	standard	7140	2448	2410
				CGA*1123CTS 540 [rpm]	2	839	81	49	52	EC	400V	standard	8550	2448	2410
				CMV*8161CTE 610 [rpm]	2	810.72	76	44	47	EC	400V	Microchannel	9280	2255	2000
				CMV*8201CTE 490 [rpm]	2	839.8	73	41	44	EC	400V	Microchannel	11600	2255	2000
				CSE*1084BTD	2	872.87	91	59	62	AC	400V	standard	9200	2431	1760
				CGA*1103BTY	2	894.53	88	56	59	AC	400V	standard	7140	2448	2410
				CMV*8161STD	2	900.8	79	47	50	AC	400V	Microchannel	9280	2255	2000
				CSE*1084CTB 960 [rpm]	2	882.55	94	62	65	EC	400V	standard	9200	2431	1760
				CGA*1103CTS 750 [rpm]	2	871.9	87	55	58	EC	400V	standard	7140	2448	2410
				CGA*1104CTS 680 [rpm]	2	912.52	85	53	56	EC	400V	standard	7140	2448	2410
				CGA*1123CTS 610 [rpm]	2	916.4	84	52	55	EC	400V	standard	8550	2448	2410
HWF 6412 AE	2	R134a	1704.0	CMV*8161CTE 670 [rpm]	2	877.28	78	46	49	EC	400V	Microchannel	9280	2255	2000
				CMV*8201CTE 550 [rpm]	2	928.4	76	44	47	EC	400V	Microchannel	11600	2255	2000