Special anti-corrosion execution of the **CHV6** modular series



Corrosion Prevention

TECHNICAL CHARACTERISTICS OF OUTDOOR UNITS CHV6

Model			CHV6-224NMX	CHV6-280NMX	CHV6-335NMX	CHV6-400NMX	CHV6-450NMX
Cooling capacity		HP	8	10	12	14	16
Cooling capacity		kW	22.4	28	33.5	40	45
Heating capacity		kW	22.4	28	33.5	40	45
SEER	Duct IDU	-	7.1	6.66	6.31	6.75	6.24
	Cassette IDU	-	7.8	6.33	6.58	6.74	6.41
SCOP	Duct IDU	-	4.62	4.8	4.4	4.8	4.84
	Cassette IDU	-	4.5	4.75	4.66	4.44	4.44
Power supply		V/Ph/Hz	380-415V / 3Ph / 50Hz				
Max. power consumption		kW	12.87	13.15	13.5	18.18	18.74
Max. current consumption		A	23	23.5	24.1	32.5	35.5
Fuse current		A	25	25	25	40	40
Maximum number of indoor units			13	16	19	23	26
Compressor type			EVI Inverter scroll				
Quantity of compressors		pcs	1				
Refrigerant charge volume		kg	5.5	5.5	7.5	7.5	7.5
Sound pressure level (1 m, cooling)		dB(A)	56	57	59	59	60
Sound power level (cooling)	Duct IDU	dB(A)	80	84	86	90	93
	Cassette IDU	dB(A)	82	86	86	88	93
Pipe diameter	Liquid line	mm	Ø 9.52	Ø 9.52	Ø 12.7	Ø 12.7	Ø 12.7
	Gas	mm	Ø 19.05	Ø 22.2	Ø 25.4	Ø 25.4	Ø 28.6
Dimensions (W×D×H)	Unit	mm	930×775×1690			1340×775×1690	
	Package	mm	1000×830×1855			1400×830×1855	
Net/Gross weight		kg	220/230		240/250	300/315	

Model			CHV6-504NMX	CHV6-560NMX	CHV6-615NMX
Cooling capacity		HP	18	20	22
Cooling capacity		kW	50.4	52	52
Heating capacity		kW	50.4	56	56
SEER	Duct IDU	-	6.12	5.97	6.02
	Cassette IDU	-	6.44	5.67	5.75
SCOP	Duct IDU	-	4.19	4.1	4.1
	Cassette IDU	-	3.71	3.71	3.71
Power supply		V/Ph/Hz	380-415V / 3Ph / 50Hz		
Consumption	Cooling	kW	12.3	13.8	16.2
	Heating	kW	12.9	13.1	16.9
Max. power consumption		kW	26.3	26.85	27.41
Max. current consumption		A	47	48	49
Fuse current		A	50	50	50
Maximum number of indoor units			29	33	36
Compressor type			EVI Inverter scroll		
Quantity of compressors		pcs	2		
Refrigerant charge volume		kg	8.3	8.3	8.3
Sound pressure level (1 m. cooling)		dB(A)	61	62	63
Sound power level (cooling)	Duct IDU	dB(A)	93	93	93
	Cassette IDU	dB(A)	88	94	94
Pipe diameter	Liquid line	mm	Ø 15.9	Ø 15.9	Ø 15.9
	Gas	mm	Ø 28.6	Ø 28.6	Ø 28.6
Dimensions (W×D×H)	Unit	mm	1340×775×1690		
	Package	mm	1400×830×1855		
Net/Gross weight		kg	350/365		355/370

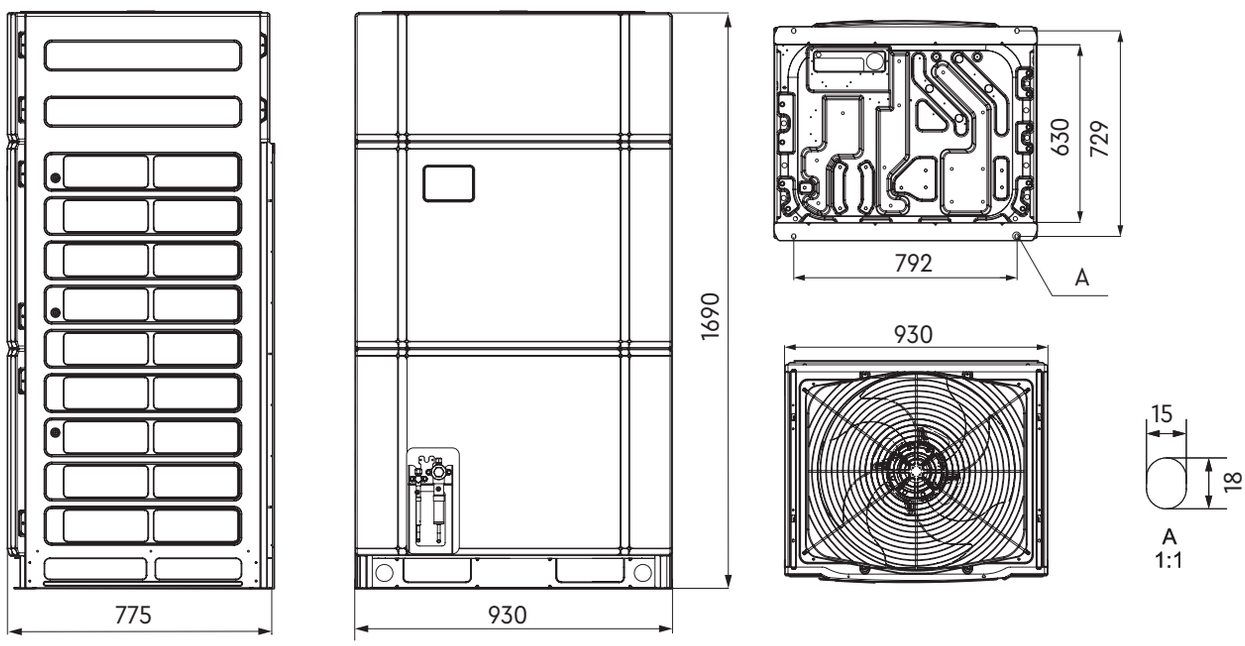
OPTIMUM COMBINATIONS OF MODULAR OUTDOOR UNITS CHV6

	CHV6-224NMX	CHV6-280NMX	CHV6-335NMX	CHV6-400NMX	CHV6-450NMX	CHV6-504NMX	CHV6-560NMX	CHV6-615NMX
CHV6-224NMX	●							
CHV6-280NMX		●						
CHV6-335NMX			●					
CHV6-400NMX				●				
CHV6-450NMX					●			
CHV6-504NMX						●		
CHV6-560NMX							●	
CHV6-615NMX								●
CHV6-680NMX		●		●				
CHV6-730NMX		●			●			
CHV6-784NMX		●				●		
CHV6-840NMX		●					●	
CHV6-895NMX		●						●
CHV6-950NMX			●					●
CHV6-1015NMX				●				●
CHV6-1065NMX					●			●
CHV6-1119NMX						●		●
CHV6-1175NMX							●	●
CHV6-1230NMX								● ●
CHV6-1290NMX		●			●		●	
CHV6-1345NMX		●			●			●
CHV6-1400NMX			●		●			●
CHV6-1455NMX		●					●	●
CHV6-1510NMX		●						● ●
CHV6-1565NMX			●					● ●
CHV6-1630NMX				●				● ●
CHV6-1680NMX					●			● ●
CHV6-1734NMX						●		● ●
CHV6-1790NMX							●	● ●
CHV6-1845NMX								● ● ●
CHV6-1905NMX		●			●		●	●
CHV6-1959NMX		●				●	●	●
CHV6-2015NMX		●					● ●	●
CHV6-2070NMX		●					●	● ●
CHV6-2125NMX		●						● ● ●
CHV6-2180NMX			●					● ● ●
CHV6-2245NMX				●				● ● ●
CHV6-2295NMX					●			● ● ●
CHV6-2349NMX						●		● ● ●
CHV6-2405NMX							●	● ● ●
CHV6-2460NMX								● ● ● ●

OVERALL DIMENSIONS

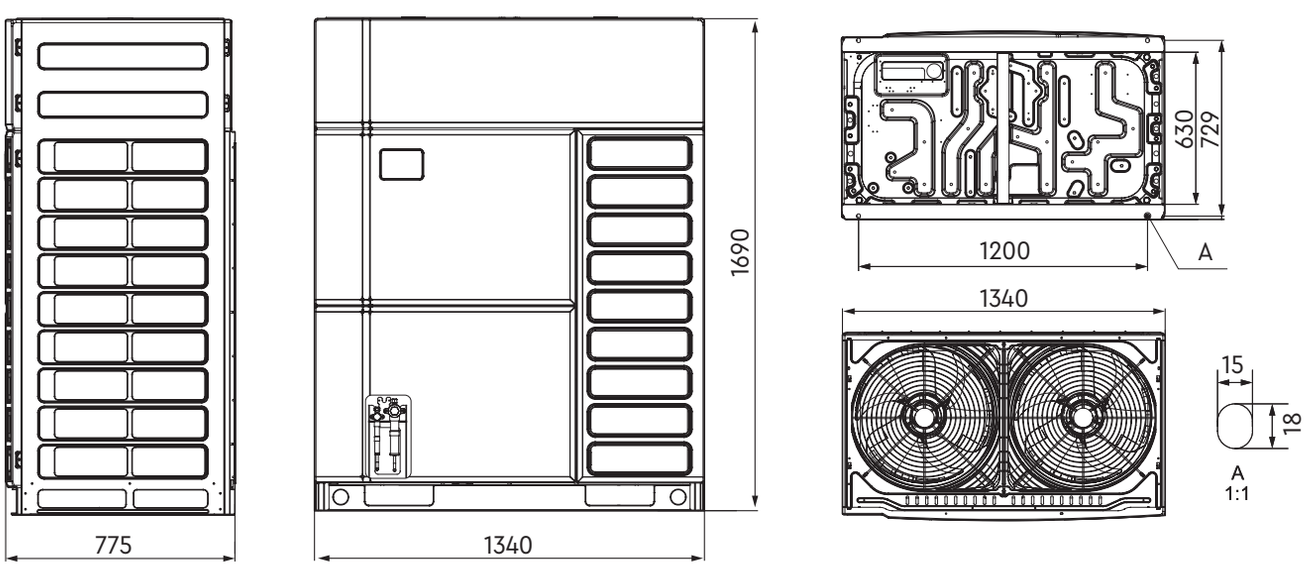
Overall dimensions and installation holes dimension
CHV6-224NMX, CHV6-280NMX, CHV6-335NMX

Units: mm



Overall dimensions and installation holes dimension
CHV6-400NMX, CHV6-450NMX, CHV6-504NMX, CHV6-560NMX, CHV6-615NMX

Units: mm



ELECTRICAL PARAMETERS OF OUTDOOR UNITS CHV6

Model	Module combinations	Automatic switch (A) for each module	Minimum cross-sectional area of the power cable (section mm² × number of wires)
CHV6-224NMX	-	25	2.5×5
CHV6-280NMX	-	25	2.5×5
CHV6-335NMX	-	25	4.0×5
CHV6-400NMX	-	40	6.0×5
CHV6-450NMX	-	40	6.0×5
CHV6-504NMX	-	50	10.0×5
CHV6-560NMX	-	50	10.0×5
CHV6-615NMX	-	50	10.0×5
CHV6-680NMX	280+400	25+40	2.5×5+6.0×5
CHV6-730NMX	280+450	25+40	2.5×5+6.0×5
CHV6-784NMX	280+504	25+50	2.5×5+10.0×5
CHV6-840NMX	280+560	25+50	2.5×5+10.0×5
CHV6-895NMX	280+615	25+50	2.5×5+10.0×5
CHV6-950NMX	335+615	25+50	4.0×5+10.0×5
CHV6-1015NMX	400+615	40+50	6.0×5+10.0×5
CHV6-1065NMX	450+615	40+50	6.0×5+10.0×5
CHV6-1119NMX	504+615	50+50	10.0×5+10.0×5
CHV6-1175NMX	560+615	50+50	10.0×5+10.0×5
CHV6-1230NMX	615+615	50+50	10.0×5+10.0×5
CHV6-1290NMX	280+450+560	25+40+50	2.5×5+6.0×5+10.0×5
CHV6-1345NMX	280+450+615	25+40+50	2.5×5+6.0×5+10.0×5
CHV6-1400NMX	335+450+615	25+40+50	4.0×5+6.0×5+10.0×5
CHV6-1455NMX	280+560+615	25+50+50	2.5×5+10.0×5+10.0×5
CHV6-1510NMX	280+615+615	25+50+50	2.5×5+10.0×5+10.0×5
CHV6-1565NMX	335+615+615	25+50+50	4.0×5+10.0×5+10.0×5
CHV6-1630NMX	400+615+615	40+50+50	6.0×5+10.0×5+10.0×5
CHV6-1680NMX	450+615+615	40+50+50	6.0×5+10.0×5+10.0×5
CHV6-1734NMX	504+615+615	50+50+50	10.0×5+10.0×5+10.0×5
CHV6-1790NMX	560+615+615	50+50+50	10.0×5+10.0×5+10.0×5
CHV6-1845NMX	615+615+615	50+50+50	10.0×5+10.0×5+10.0×5
CHV6-1905NMX	280+450+560+615	25+40+50+50	2.5×5+6.0×5+10.0×5+10.0×5
CHV6-1959NMX	280+504+560+615	25+50+50+50	2.5×5+10.0×5+10.0×5+10.0×5
CHV6-2015NMX	280+560+560+615	25+50+50+50	2.5×5+10.0×5+10.0×5+10.0×5
CHV6-2070NMX	280+560+615+615	25+50+50+50	2.5×5+10.0×5+10.0×5+10.0×5
CHV6-2125NMX	280+615+615+615	25+50+50+50	2.5×5+10.0×5+10.0×5+10.0×5
CHV6-2180NMX	335+615+615+615	25+50+50+50	4.0×5+10.0×5+10.0×5+10.0×5
CHV6-2245NMX	400+615+615+615	40+50+50+50	6.0×5+10.0×5+10.0×5+10.0×5
CHV6-2295NMX	450+615+615+615	40+50+50+50	6.0×5+10.0×5+10.0×5+10.0×5
CHV6-2349NMX	504+615+615+615	50+50+50+50	10.0×5+10.0×5+10.0×5+10.0×5
CHV6-2405NMX	560+615+615+615	50+50+50+50	10.0×5+10.0×5+10.0×5+10.0×5
CHV6-2460NMX	615+615+615+615	50+50+50+50	10.0×5+10.0×5+10.0×5+10.0×5