

MULTY SPLIT AIR CONDITIONING SYSTEM

NORDIC MULTI LIGHT SERIES

INVERTER

R32



The outdoor units have the production capacity from 14 000 to 42 000 BTU

Model		CHML-U14RK2	CHML-U18RK2	CHML-U21RK3	CHML-U24RK4	CHML-U28RK4	CHML-U36RK4	CHML-U42RK5
Number of the connected indoor units		1-2	1-2	2-3	2-3	2-4	2-4	2-5
Capacity	Cooling	kW	4.1	5.2	6.1	7.1	8.0	10.5
	Heating	kW	4.4	5.4	6.5	8.5	9.5	12.0
Electric power supply		~220-240 V/50 Hz/1 Ph						
Air flow	m³/h	2600	2600	3800	3800	3800	5500	5500
Sound-pressure level	dB (A)	55	55	58	58	58	60	60
Dimensions (width/depth/height)	mm	899x596x378	899x596x378	963x396x700	1001x427x790	1001x427x790	1087x1103x440	1087x1103x440
Weight	kg	43/46	43/46	55/60	68/73	69/74	90/98	90/98
Operational temperature	Cooling	°C	-15/+43					-5/+48
	Heating	°C	-20/+20					-15/+27
Pipeline maximum length (total for the system/till the one block)	m	20/10	20/10	60/20	60/20	70/20	75/25	75/25
Maximum pipeline elevation difference (between indoor and outdoor/between indoor)	m	5	5	10	10	10	7.5	7.5
Distance between the fastening bolts of the outdoor unit	mm	550	560	560	610	610	631	631

SUPREME



* GD

Model			CH-S09FTXAM2S-*(i)	CH-S12FTXAM2S-*(i)	CH-S18FTXAM2S-*(i)	CH-S24FTXAM2S-*(i)
Capacity	Cooling/Heating	kW	2.70/2.93	3.50/3.81	5.30/5.57	7.00/7.20
Air flow		m³/h	660/590/540/490/450/420/390	680/590/540/490/450/420/390	850/750/610/520/360	1250/1100/1000/950/900/850/750
Sound-pressure level		dB (A)	41/39/37/35/33/31/24	43/39/37/35/34/32/25	49/45/43/41/39/37/34	49/47/44/42/40/38/36
Dimensions (width/height/depth)		mm	865x210x290	865x210x290	996x225x301	1101x249x327
Weight		kg	10.5	11.0	15.5	16.5
Liquid pipeline diameter		mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipeline diameter		mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	15.88/5/8"

VERITAS



Model			CHML-S09FTXQ-NG(i)	CH-S12FTXQ(i)	CH-S18FTXQ(i)	CH-S24FTXQ(i)
Capacity	Cooling/Heating	kW	2.50/2.80	3.20/3.40	4.60/5.00	6.70/7.25
Air flow		m³/h	480/370/320/210	560/480/410/290	850/720/610/520	1150/1050/950/850
Sound-pressure level		dB (A)	40/36/34/29	42/37/34/28	45/41/37/33	48/45/42/39
Dimensions (width/height/depth)		mm	790x200x275	790x200x275	970x224x300	1078x246x325
Weight		kg	9.0	9.0	13.5	17.0
Liquid pipeline diameter		mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipeline diameter		mm/inch	9.53/3/8"	9.53/3/8"	9.53/3/8"	15.88/5/8"

ALPHA NG



Model			CH-S07FTXE(i)	CH-S09FTXE-NG(i)	CH-S12FTXE-NG(i)	CH-S018FTXE-NG(i)
Capacity	Cooling/Heating	kW	2.1/2.6	2.6/2.8	3.2/3.5	4.6/5.2
Air flow		m³/h	500	560	560	850
Sound-pressure level		dB (A)	38	38	38	44
Dimensions (width/height/depth)		mm	790x200x275	790x275x200	790x275x200	970x300x224
Weight		kg	8.5	9	9	13.5
Liquid pipeline diameter		mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipeline diameter		mm/inch	9.53/3/8"	9.53/3/8"	9.53/3/8"	9.53/3/8"



Console type units

Model			CHML-1K09RK	CHML-1K12RK	CHML-1K18RK
Capacity	Cooling/Heating	kW	2.7/2.8	3.5/3.75	5.2/5.33
Air flow		m³/h	480	550	650
Sound-pressure level		dB (A)	34	35	41
Dimensions (width/depth/height)		mm	700x600x215	700x600x215	700x600x215
Weight		kg	15	15	15
Liquid pipeline diameter		mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipeline diameter		mm/inch	9.53/3/8"	9.53/3/8"	9.53/3/8"

* without Wi-Fi

Cassette type units



Model			CHML-1C12RK	CHML-1C18RK	CHML-1C24RK
Capacity	Cooling/Heating	kW	3.5/4.0	4.5/5.0	7.1/8.0
Air flow		m³/h	650/560/520/450	710/670/590/450	1280/1220/1100/880
Sound-pressure level		dB (A)	44/41/38/34	47/45/41/35	47/45/41/36
Dimensions (width/depth/height)	Indoor unit	mm	596x596x240	596x596x240	596x596x240
	Panel	mm	670x670	670x670	670x670
Weight (cassette/panel)		kg	20	20	26
Liquid pipeline diameter		mm/inch	6.35/1/4"	6.35/1/4"	9.53/3/8"
Gas pipeline diameter		mm/inch	9.53/3/8"	12.7/1/2"	15.88/5/8"

Duct type units



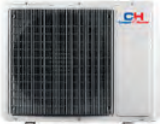
Model			CHML-ID09RK	CHML-ID12RK	CHML-ID18RK	CHML-ID21RK	CHML-ID24RK
Capacity	Cooling/Heating	kW	2.5/2.8	3.5/3.85	5.0/5.5	6.0/6.6	7.1/8.0
Air flow		m³/h	450/350/280	550/400/300	700/600/500	1000/750/550	1000/750/550
Sound-pressure level		dB (A)	37/34/31/47/41	39/35/32/49/42	41/33/51/43	42/34/52/44	42/34/52/44
Dimensions (width/depth/height)		mm	700x615x200	700x615x200	900x615x200	1100x615x200	1100x615x200
Weight		kg	21	22	26	30	30
Liquid pipeline diameter		mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	9.53/3/8"	9.53/3/8"
Gas pipeline diameter		mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	15.88/5/8"	15.88/5/8"

INDOOR UNIT DIMENSION TYPE

BTU	7 000	9 000	12 000	18 000	21 000	24 000
Wall-mounted Indoor Unit						
Console Indoor Unit						
Cassette Indoor Unit						
Duct Type Indoor Unit						

OUTDOOR UNIT COMBINATIONS

8 COMBINATIONS

 CHML-U14RK2 (from 1 to 2)	One unit			Two units	
	7	9	12	7+7	7+9
				7+12	9+9
				9+12	

10 COMBINATIONS

 CHML-U18RK2 (from 1 to 2)	One unit			Two units	
	7	9	12	7+7	7+18
				7+9	9+9
				7+12	9+12

18 COMBINATIONS

 CHML-U21RK3 (from 2 to 3)	Two units		Three units	
	7+7	7+9	7+7+7	7+7+9
			7+7+12	7+9+9
			7+9+12	7+12+12
			9+9+9	9+9+12
			12+12+12	

23 COMBINATIONS

 CHML-U24RK4 (from 2 to 3)	Two units		Three units		
	7+7	7+9	7+7+7	7+7+9	7+7+12
	7+12	7+18	7+7+18	7+9+9	7+9+12
	9+9	9+12	7+9+18	7+12+12	9+9+9
	9+18	12+12	9+9+12	9+9+18	9+12+12
	12+18	18+18	12+12+12		

40 COMBINATIONS

 CHML-U28NRK4 (from 2 to 4)	Two units		Three units			Four units		
	7+7	7+9	7+7+7	7+7+9	7+7+12	7+7+7+7	7+7+7+9	7+7+7+12
	7+12	7+18	7+7+18	7+9+9	7+9+12	7+7+7+18	7+7+9+9	7+7+9+12
	9+9	9+12	7+9+18	7+12+12	7+12+18	7+7+9+18	7+7+12+12	7+9+9+9
	9+18	12+12	9+9+9	9+9+12	9+9+18	7+9+9+12	7+9+12+12	9+9+9+9
	12+18	18+18	9+12+12	9+12+18	12+12+12	9+9+9+12	9+9+12+12	
			12+12+18					

97 COMBINATIONS

 CHML-U36RK4 (from 2 to 4)	Two units		Three units			Four units		
	7+12	7+18	7+7+7	7+7+9	7+7+12	7+7+7+7	7+7+7+9	7+7+7+12
	7+21	7+24	7+7+18	7+7+21	7+7+24	7+7+7+18	7+7+7+21	7+7+7+24
	9+9	9+12	7+9+9	7+9+12	7+9+18	7+7+9+9	7+7+9+12	7+7+9+18
	9+18	9+21	7+9+21	7+9+24	7+12+12	7+7+9+21	7+7+9+24	7+7+12+12
	9+24	12+12	7+12+18	7+12+21	7+12+24	7+7+12+18	7+7+12+21	7+7+18+18
	12+18	12+21	7+18+18	7+18+21	7+18+24	7+9+9+9	7+9+9+12	7+7+12+24
	12+24	18+18	7+21+21	9+9+9	9+9+12	7+9+9+21	7+9+9+24	7+9+9+18
	18+21	18+24	9+9+18	9+9+21	9+9+24	7+9+12+18	7+9+12+21	7+9+12+12
	21+21	21+24	9+12+12	9+12+18	9+12+21	7+12+12+12	7+12+12+18	7+9+18+18
	24+24		9+12+24	9+18+18	9+18+21	9+9+9+12	9+9+9+18	9+9+9+9
			9+18+24	9+21+21	12+12+12	9+9+9+24	9+9+12+12	9+9+9+21
			12+12+18	12+12+21	12+12+24	9+9+12+21	9+9+18+18	9+9+12+18
			12+18+18	12+18+21	18+18+18	9+12+12+18	12+12+12+12	9+12+12+12

171 COMBINATIONS

 CHML-U42RK5 (from 3 to 5)	Two units		Three units			Four units				Five units			
	7+18	7+21	7+7+7	7+7+9	7+7+12	7+7+7+7	7+7+7+9	7+7+7+12	7+7+7+18	7+7+7+7+7	7+7+7+7+9	7+7+7+7+12	7+7+7+7+18
	7+24	9+12	7+7+18	7+7+21	7+7+24	7+7+7+21	7+7+7+24	7+7+9+9	7+7+9+12	7+7+7+7+21	7+7+7+7+24	7+7+7+9+9	7+7+7+9+12
	9+18	9+21	7+9+9	7+9+12	7+9+18	7+7+9+21	7+7+9+24	7+7+12+12	7+7+12+18	7+7+7+9+18	7+7+7+9+21	7+7+7+9+24	7+7+7+12+12
	9+24	12+12	7+9+21	7+9+24	7+12+12	7+7+12+18	7+7+12+21	7+7+12+24	7+7+18+18	7+7+7+12+18	7+7+7+12+21	7+7+9+9+12	7+9+9+9+9
	12+18	12+21	7+12+18	7+12+21	7+12+24	7+7+18+21	7+7+18+24	7+7+21+21	7+7+21+24	7+7+7+18+21	7+7+9+9+9	7+7+9+9+12	7+7+9+9+18
	12+24	18+18	7+18+18	7+18+21	7+18+24	7+9+9+9	7+9+9+12	7+9+9+18	7+9+9+21	7+7+9+9+21	7+9+9+9+18	7+9+9+9+21	7+7+9+12+18
	18+21	18+24	7+21+21	7+21+24	7+24+24	7+9+9+24	7+9+12+12	7+9+12+18	7+9+12+21	7+7+9+12+21	7+9+9+12+18	7+9+12+12+18	7+7+12+12+12
	21+21	21+24	9+9+9	9+9+12	9+9+18	7+9+12+24	7+9+18+18	7+9+18+21	7+9+18+24	7+7+12+12+18	7+9+12+12+12	9+9+9+9+9	7+9+9+9+24
	24+24		9+9+21	9+9+24	9+12+12	7+9+21+21	7+9+21+24	7+12+12+12	7+12+12+18	7+9+9+9+12			7+9+12+12+21
			9+12+18	9+12+21	9+12+24	7+12+12+21	7+12+12+24	7+12+18+18	7+12+18+21	7+9+9+12+12			9+9+9+9+12
			9+18+18	9+18+21	9+18+24	7+12+18+24	7+12+21+21	7+18+18+18	9+9+9+9	7+9+9+18+18			9+9+9+12+12
			9+21+21	9+21+24	9+24+24	9+9+9+12	9+9+9+18	9+9+9+21	9+9+9+24	7+12+12+12+12			9+9+12+12+12
			12+12+12	12+12+18	12+12+21	9+9+12+12	9+9+12+18	9+9+12+21	9+9+12+24	9+9+9+9+18			
			12+12+24	12+18+18	12+18+21	9+9+18+18	9+9+18+21	9+12+12+21	12+12+12+18				
			12+18+24	12+21+21	12+21+24	9+12+12+12	9+12+12+18	12+12+12+12	12+12+18+21				
			12+24+24	18+18+18	18+18+21	9+12+18+18	9+12+18+21	12+12+18+18					
			18+18+24	18+21+21				12+12+18+18					