

MULTI SPLIT SYSTEM
NORDIC MULTI LIGHT Series



R-410A

INVERTER



Types of the indoor units

BTU	7000	9000	12000	18000	21000	24000
Wall type						
Floor Ceiling Type						
Console Type						
Cassette Type						
Duct Type						

Outdoor units capacity from 14 000 to 42 000 BTU

Outdoor units

Model			CHML-U14NK2	CHML-U18NK3	CHML-U21NK3	CHML-U24NK3	CHML-U28NK4	CHML-U36NK4	CHML-U42NK5	
The number of connectable indoor units			1-2	1-2	2-3	2-3	2-4	2-4	2-5	
Capacity	Cooling	kW	4,10 (2,10-4,70)	5,00 (2,10-6,21)	6,1 (2,70-8,21)	7,03 (2,20-10,00)	8,00 (2,20-10,00)	9,80 (3,00-10,00)	11,58 (3,50-13,60)	
	Heating	kW	4,40 (2,50-5,51)	5,57 (2,50-6,65)	6,5 (3,50-9,50)	8,50 (3,60-11,00)	9,38 (2,81-11,00)	11,00 (4,50-12,00)	13,00 (4,48-14,00)	
Power supply			~ 220-240В/50Гц/1Φ							
Nominal power	Cooling	kW	1,15 (0,50-2,00)	1,55 (0,50-2,55)	2,18 (0,75-4,30)	2,20 (0,65-4,50)	2,48 (0,65-4,50)	3,03 (1,30-4,60)	3,59 (1,30-4,90)	
	Heating	kW	1,18 (0,58-2,00)	1,54 (0,58-2,70)	2,26 (1,00-4,40)	2,35 (0,98-3,95)	2,55 (0,98-3,95)	3,01 (1,30-4,14)	3,55 (1,30-4,40)	
Energy efficiency	Cooling	EER	3,57	3,23	3,21	3,21	3,23	3,23	3,23	
	Heating	COP	3,81	3,63	3,41	3,62	3,63	3,65	3,66	
Airflow volume		m³/h	2600	3200	3200	4000	4000	5200	5500	
Sound pressure level		dB(A)	55	56	56	58	58	57	54	
Dimensions (width/depth/ height)		mm	899x378x596	955x396x700	955x396x700	980x427x790	980x427x790	1015x440x1103	1015x440x1103	
Weight		kg	43	50	51	68	69	94	102	
Operating temperature range	Cooling	°C					-15/+43			
	Heating	°C					-20/+24			
Maximum line length (total across sisteme/one unit)		m	20 / 10			60 / 20		70 / 20		
The maximum elevation of the trunk (outer/inner)		m	10 / 5						15 / 7,5	
The distance between the mounting bolts of the outdoor unit		mm	550	550	560	560	560	572	631	

Indoor units Wall Type



Premium Inverter

Model			CHML-IW07DNK	CHML-IW09DNK	CHML-IWN12D K	CHML-IW18DNK
Capacity	Cooling	kW	2,1	2,64	3,52	5,28
	Heating	kW	2,2	2,87	3,81	5,63
Airflow volume		m³/h	450	450	560	850
Sound pressure level		dB(A)	25/26/28/30/32/35/37	22/25/27/29/32/34/38	23/25/28/31/34/36/39	28/31/33/35/37/40/44
Dimensions (width/depth/ height)		mm	860x153x299	860x153x299	896x159x320	998x178x340
Weight		kg	9,5	9,5	11,5	15
Diameter liquid line		mm/ inch	6,35 / 1/4"	6,35 / 1/4"	6,35 / 1/4"	6,35 / 1/4"
The diameter of the gas pipeline		mm/ inch	9,53 / 3/8"	9,53 / 3/8"	9,53 / 3/8"	12,70 / 1/2"



Cozy

Model			CHML-IW09CNK	CHML-IW12CNK	CHML-IW18CNK
Capacity	Cooling	kW	2,61	3,49	5,30
	Heating	kW	2,81	3,81	5,80
Airflow volume		m³/h	500	630	850
Sound pressure level		dB(A)	-/28/31/34/37	-/30/32/34/38	-/36/40/43/46
Dimensions (width/depth/ height)		mm	790x170x265	845x180x275	940x200x298
Weight		kg	9	10	13
Diameter liquid line		mm/ inch	6,35 / 1/4"	6,35 / 1/4"	6,35 / 1/4"
The diameter of the gas pipeline		mm/ inch	9,53 / 3/8"	9,53 / 3/8"	12,70 / 1/2"



DC Inverter

Model			CHML-IW07INK	CHML-IW09INK	CHML-IW12INK	CHML-IW18INK
Capacity	Cooling	kW	2,11	2,61	3,49	5,30
	Heating	kW	2,61	2,81	3,81	5,80
Airflow volume		m³/h	550	600	680	800
Sound pressure level		dB(A)	-/24/30/38/40	-/24/30/38/41	-/25/31/39/42	-/32/37/40/45
Dimensions (width/depth/ height)		mm	770x201x283	770x201x283	770x201x283	865x215x305
Weight		kg	8	8	9	12
Diameter liquid line		mm/ inch	6,35 / 1/4"	6,35 / 1/4"	6,35 / 1/4"	6,35 / 1/4"
The diameter of the gas pipeline		mm/ inch	9,53 / 3/8"	9,53 / 3/8"	9,53 / 3/8"	12,70 / 1/2"



Floor Ceiling Type

Model			CHML-IF09NK	CHML-IF12NK	CHML-IF18NK	CHML-IF24NK
Capacity	Cooling	kW	2,50	3,50	5,00	7,10
	Heating	kW	2,80	3,85	5,50	8,00
Airflow volume		m³/h	650	650	950	1250
Sound pressure level		dB(A)	36/40	36/40	40/45	44/48
Dimensions (width/depth/ height)		mm	1220x225x700	1220x225x700	1220x225x700	1220x225x700
Weight		kg	40	40	40	45
Diameter liquid line		mm/inch	6,35 / 1/4"	6,35 / 1/4"	6,35 / 1/4"	9,53 / 3/8"
The diameter of the gas pipeline		mm/inch	9,53 / 3/8"	9,53 / 3/8"	12,70 / 1/2"	15,88 / 5/8"



Console Type

Model			CHML-IK09NK	CHML-IK12NK	CHML-IK18NK
Capacity	Cooling	kW	2,61	3,49	5,30
	Heating	kW	2,81	3,81	5,80
Airflow volume		m³/h	480	550	650
Sound pressure level		dB(A)	24/26/30/33/36/38/40	26/32/35/37/38/40/42	32/35/37/41/44/46/48
Dimensions (width/depth/ height)		mm	700x215x600	700x215x600	700x215x600
Weight		kg	15	15	15
Diameter liquid line		mm/inch	6,35 / 1/4"	6,35 / 1/4"	6,35 / 1/4"
The diameter of the gas pipeline		mm/inch	9,53 / 3/8"	9,53 / 3/8"	12,70 / 1/2"



Cassette Type

Model			CHML-IC12NK	CHML-IC18NK	CHML-IC24NK
Capacity	Cooling	kW	3,50	4,50	7,10
	Heating	kW	4,00	5,00	8,00
Airflow volume		m³/h	600	600	1180
Sound pressure level		dB(A)	41/47	41/47	35/39
Dimensions (width/depth/ height)	вн. блок	mm	570x570x230	570x570x230	840x840x240
	панель	mm	650x650x50	650x650x50	950x950x60
Weight	вн. блок	kg	18/2,5	18/2,5	30/6,5
Diameter liquid line		mm/inch	6,35 / 1/4"	6,35 / 1/4"	9,53 / 3/8"
The diameter of the gas pipeline		mm/inch	9,53 / 3/8"	12,70 / 1/2"	15,88 / 5/8"



Duct Type

Model			CHML-ID09NK	CHML-ID12NK	CHML-ID18NK	CHML-ID21NK	CHML-ID24NK
Capacity	Cooling	kW	2,50	3,50	5,00	6,00	7,10
	Heating	kW	2,80	3,85	5,50	6,60	8,00
Airflow volume		m³/h	450	500	700	1000	1000
Sound pressure level		dB(A)	31/37	32/39	33/41	34/42	34/42
Dimensions (width/depth/ height)		mm	700x615x200	700x615x200	900x615x200	1100x615x200	1100x615x200
Weight		kg	22	23	27	31	31
Diameter liquid line		mm/inch	6,35 / 1/4"	6,35 / 1/4"	6,35 / 1/4"	9,53 / 3/8"	9,53 / 3/8"
The diameter of the gas pipeline		mm/inch	9,53 / 3/8"	9,53 / 3/8"	12,70 / 1/2"	15,88 / 5/8"	15,88 / 5/8"

8 Combinations

 CHML-U14NK2 (1 to 2)	One Unit	Two Units	
	7	7+7	7+9
	9	7+12	9+9
	12	9+12	

10 Combinations

 CHML-U18NK3 (1 to 2)	One Unit	Two Units		
	7	7+7	7+18	12+12
	9	7+9	9+9	
	12	7+12	9+12	

18 Combinations

 CHML-U21NK3 (2 to 3)	Two Units		Three Units	
	7+7	7+9	7+7+7	7+7+9
	7+12	7+18	7+7+12	7+9+9
	9+9	9+12	7+9+12	7+12+12
	9+18	12+12	9+9+9	9+9+12
	12+18		12+12+12	

23 Combinations

 CHML-U24NK3 (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-U28NK4 (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					

96 Combinations

 CHML-U36NK4 (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+9+9+18
	12+24	18+18	7+21+21	9+9+9	9+9+12	7+9+9+21	7+9+9+24	7+9+12+12
	18+21	18+24	9+9+18	9+9+21	9+9+24	7+9+12+18	7+9+12+21	7+9+18+18
	21+21	21+24	9+12+12	9+12+18	9+12+21	7+12+12+12	7+12+12+18	9+9+9+9
	24+24		9+12+24	9+18+18	9+18+21	9+9+9+12	9+9+9+18	9+9+9+21
			9+18+24	9+21+21	12+12+12	9+9+9+24	9+9+12+12	9+9+12+18
			12+12+18	12+12+21	12+12+24	9+9+12+21	9+9+18+18	9+12+12+12
			12+18+18	12+18+21	18+18+18	9+12+12+18	12+12+12+12	

199 Combinations

 CHML-U42NK5 (2 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+18	7+7+9+21	7+7+9+24	7+7+12+12	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+7+12+24	7+7+7+18+18
	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+7+9+9+24	7+7+9+12+12	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+7+9+12+24	7+7+9+18+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+7+12+12+21	7+7+12+18+18	7+9+9+9+9
	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+9+9+18	7+9+9+9+21	7+9+9+9+24
			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	7+9+9+12+18	7+9+9+12+21	7+9+9+12+24
			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	7+9+12+12+12	7+9+12+12+18	7+9+12+12+21
			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	7+12+12+12+18	9+9+9+9+9	9+9+9+9+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	9+9+9+9+21	9+9+9+9+24	9+9+9+12+12
			12+12+24	12+18+18	12+18+21	9+9+18+18	9+9+18+21	9+9+18+24	9+9+21+21	9+9+9+12+18	9+9+9+12+21	9+9+9+18+18	9+9+12+12+12
			12+18+24	12+21+21	12+21+24	9+12+12+12	9+12+12+18	9+12+12+21	9+12+12+24	9+9+12+12+18	9+9+12+12+21	9+12+12+12+12	9+12+12+12+18
			12+24+24	18+18+18	18+18+21	9+12+18+18	9+12+18+21	9+12+21+21	9+18+18+18	12+12+12+12+12			
			18+18+24	18+21+21	21+21+21	12+12+12+12	12+12+12+18	12+12+12+21	12+12+12+24				
						12+12+18+18	12+12+18+21						