

NORDIC COMMERCIAL FLOOR-CEILING TYPE SERIES R



INVERTER

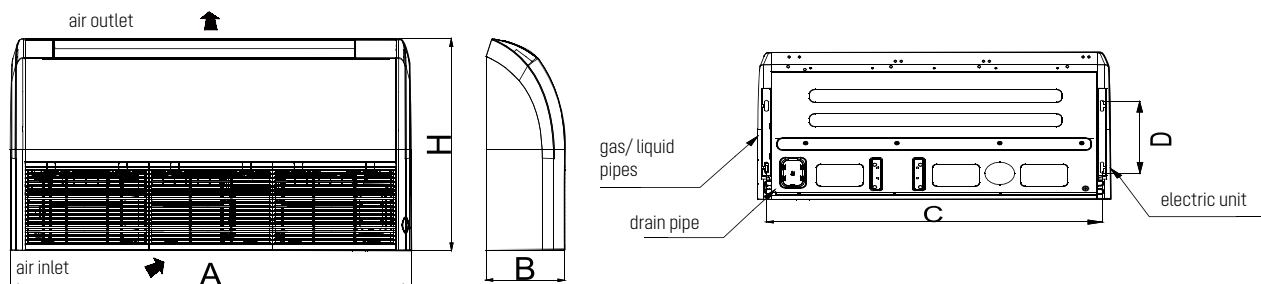


- Simple installation
- Self-testing of main units and modes to identify malfunctions;
- Multi-level system protection;
- Pipeline length is up to 75 m. (for high power models).



Model			CH-IF035RK / CH-IU035RK	CH-IF050RK / CH-IU050RK	CH-IF071RK / CH-IU071RK	CH-IF085RK / CH-IU085RK	CH-IF100RK / CH-IU100RM	CH-IF125RK / CH-IU125RM	CH-IF140RK / CH-IU140RM	CH-IF160RK / CH-IU160RM
Capacity	Cooling	kW	3,5	5,00	7,00	8,50	10,00	12,10	13,40	16,00
	Heating	kW	4,00	5,50	8,00	8,80	12,00	13,50	15,50	17,00
Electric power supply			~220-240 V/50 Hz/1 Ph						~380-415 V/50 Hz/3 Ph	
Rated input	Cooling	kW	0,90	1,55	1,90	2,80	3,30	4,05	4,30	5,40
	Heating	kW	0,95	1,60	2,45	2,65	3,50	4,00	4,40	5,40
Energy performance	Cooling	EER	3,98	3,23	3,68	3,04	3,03	3,18	3,12	2,96
	Heating	COP	4,21	3,44	3,26	3,32	3,43	3,38	3,52	3,15
Air flow	Indoor unit	m³/h	650	850	1300	1500	1600	1800	2100	2300
Sound-pressure level	Indoor unit	dB (A)	39/36/32/28	44/42/39/36	45/44/41/38	49/47/45/43	49/47/45/43	49/47/44/42	52/50/48/44	54/53/49/45
	Outdoor unit	dB (A)	50	53	52	53	55	56	57	57
Type of refrigerant coolant			R32							
Refrigerant coolant type			kg	0,78	1,00	1,60	1,80	2,50	2,70	3,60
Weight	Indoor unit	kg	25	26	31	31	32	40	42	42
	Outdoor unit	kg	37	39	53	60	89	95	99	112
Operational temperature range	Cooling	°C	-20-48							
	Heating	°C	-20-24							
Liquid pipeline diameter	mm/ inch		6,38//1/4"	6,38//1/4"	9,53//3/8"	9,53//3/8"	9,53//3/8"	9,53//3/8"	9,53//3/8"	9,53//3/8"
Gas pipeline diameter	mm/ inch		9,53//3/8"	12,70//1/2"	15,88//5/8"	15,88//5/8"	15,88//5/8"	15,88//5/8"	15,88//5/8"	15,88//5/8"
Maximum pipeline level difference	m		15	20	25		30			
Pipeline maximum length	m		30	35	50		65		75	
Number of interblock strands (for control)			2x0,75mm²							
Main power supply area			Outdoor unit							
Number of the strands (power supply)	Indoor unit		3 (Ø 1,0mm²)							
	Outdoor unit		3 (Ø 1,5mm²)	3 (Ø 1,5mm²)	3 (Ø 2,5mm²)	3 (Ø 2,5mm²)	5 (Ø 1,5mm²)	5 (Ø 1,5mm²)	5 (Ø 1,5mm²)	5 (Ø 1,5mm²)
Factory Freon fill (for the number of the running meters)	m		5	5	5	5	5	5	7,5	7,5
Freon per one running meter (surplus. for one running meter)	g/m		16	16	40	40	40	40	40	40
SEER/SCOP			6,70/4,00	6,10/4,00	6,80/3,90	6,10/4,00	6,10/4,00	6,10/3,80	6,10/4,00	6,10/4,00
Energy performance class			A++/A+	A++/A+	A++/A	A++/A+	A++/A+	A++/A	A++/A+	A++/A+

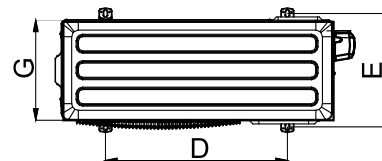
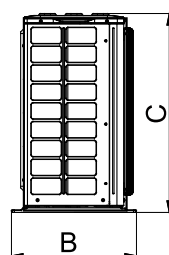
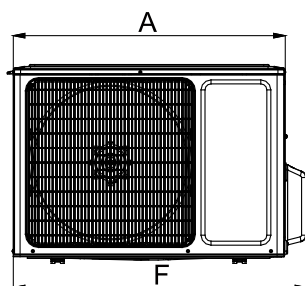
INDOOR UNIT



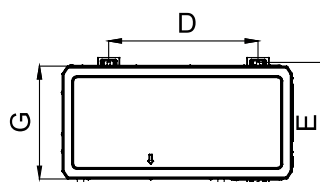
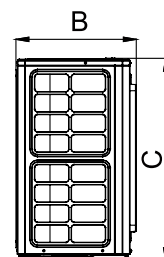
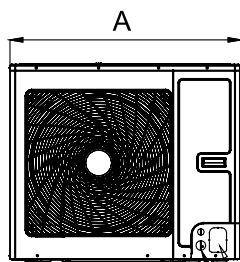
Model	A	B	C	D	H
CH-IF035RK	870	235	812	318	665
CH-IF050RK					
CH-IF071RK					
CH-IF080RK	1200	235	1142	318	665
CH-IF100RK					
CH-IF125RK					
CH-IF140RK	1570	235	1512	318	665
CH-IF160RK					

OUTDOOR UNIT

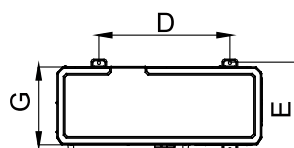
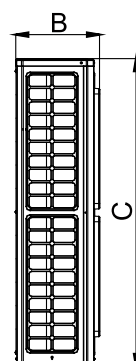
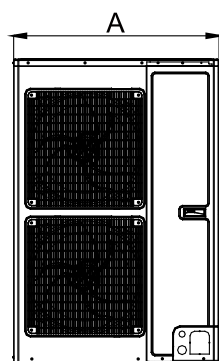
CH-IU035RK
CH-IU050RK
CH-IU071RK
CH-IU085RK



CH-IU100RM
CH-IU125RM
CH-IU140RM



CH-IU160RM



Model	A	B	C	D	E	F	G
CH-IU035RK / CH-IU050RK	818	378	596	550	348	887	302
CH-IU071RK	892	396	698	560	364	952	340
CH-IU085RK	920	427	790	610	395	1002	370
CH-IU100RM / CH-IU125RM / CH-IU140RM	940	530	820	610	486	/	460
CH-IU160RM	900	412	1345	572	378	/	340