

NORDIC COMMERCIAL R2

Model	Indoor Unit		CH-IC100RK2	CH-IC125RK2	CH-IC140RK2
	Outdoor Unit		CH-IU100RK2	CH-IU125RK2	CH-IU140RK2
Compressor	Model		QXFS-D280zX070	QXFS-D280zX070	QXFS-D280zX070B
	Type		Rotary	Rotary	Rotary
Fan Motor	Type	—	Axial Fan	Axial Fan	Axial Fan
	Air Volume	m³/h	4800	5200	5200
Sound Pressure Level		dB(A)	57	58	59
Refrigerant	Type		R32	R32	R32
	Weight	kg	2.10	2.25	2.80
	Throttling Method		Electronic Expansion Valve		
Connection Pipe	Liquid Pipe	in.	Φ3/8	Φ3/8	Φ3/8
	Gas Pipe	in.	Φ5/8	Φ5/8	Φ5/8
Refrigerant Pipe	Standard Length	m	5	5	7.5
	Max. Length	m	75	75	75
	Max. Height	m	30	30	30
Dimensions (W×D×H)	Outline	mm	940×370×820	940×370×820	940×370×820
	Package	mm	1093×497×885	1093×497×885	1093×497×885
Weight	Net/Gross	kg	65.0/72.0	66.0/73.0	73.0/80.0

Model	Indoor Unit		CH-IC100RK2	CH-IC125RK2	CH-IC140RK2	CH-IC160RK2
	Outdoor Unit		CH-IU100RM2	CH-IU125RM2	CH-IU140RM2	CH-IU160RM2
Rated Capacity	Cooling	kW	10.50	12.10	13.40	14.50
	Heating	kW	11.50	13.50	15.50	17.00
Input Power	Cooling	kW	3.10	3.90	4.60	5.30
	Heating	kW	2.95	4.00	4.70	5.70
EER/ COP		W/W	3.40/3.90	3.10/3.40	2.91/3.30	2.74/2.98
SEER/SCOP		—	6.60/4.40	6.10/4.10	6.30/4.00	6.10/4.00
Energy Class (Cooling /Heating)		—	A++/A+	A++/A+	A++/A+	A++/A+
Indoor Unit			CH-IC100RK2	CH-IC125RK2	CH-IC140RK2	CH-IC160RK2
Power Supply			220-240V ~50/60Hz			
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin			
Fan Motor	Type	—	Centrifugal Fan			
	Air Volume (SH/H/M/L)	m³/h	1500/1400/ 1200/1000	1700/1500/ 1300/1100	2000/1800/ 1600/1400	2300/2100/ 1900/1600
Filter		—	PP-MD10	PP-MD10	PP-MD10	PP-MD10
Sound Pressure Level(SH/H/M/L)		dB(A)	43/41/39/38	48/46/43/39	50/48/45/41	52/50/48/44
Connection Pipe	Liquid Pipe	in.	Φ3/8	Φ3/8	Φ3/8	Φ3/8
	Gas Pipe	in.	Φ5/8	Φ5/8	Φ5/8	Φ5/8
	Water Pipe	mm	Φ25×1.50	Φ25×1.50	Φ25×1.50	Φ25×1.50
Dimensions (W×D×H)	Outline	mm	840×840×240	840×840×240	840×840×290	840×840×290
	Package	mm	933×903×272	933×903×272	933×903×335	933×903×335
Weight	Net/Gross	kg	23/29	23/29	25/32	26.0/33.0
Panel Dimensions (W×D×H)	Outline	mm	950×950×52	950×950×52	950×950×52	950×950×52
	Packaged	mm	1033×1020×110	1033×1020×110	1033×1020×110	1033×1020×110

Model	Indoor Unit		CH-IC100RK2	CH-IC125RK2	CH-IC140RK2	CH-IC160RK2
	Outdoor Unit		CH-IU100RM2	CH-IU125RM2	CH-IU140RM2	CH-IU160RM2
Panel Weight	Net/Gross	kg	6.0/9.5	6.0/9.5	6.0/9.5	6.0/9.5
Outdoor Unit			CH-IU100RM2	CH-IU125RM2	CH-IU140RM2	CH-IU160RM2
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin			
Power Supply			380-415V 3N~50/60Hz			
Compressor	Model		QXFS-D280zX070	QXFS-D280zX070	QXFS-D280zX070	QXFS-D388zX050A
	Type		Rotary	Rotary	Rotary	Rotary
Fan Motor	Type	—	Axial Fan	Axial Fan	Axial Fan	Axial fan
	Air Volume	m ³ /h	4800	5200	5200	5500
Sound Pressure Level		dB(A)	57	58	59	60
Refrigerant	Type		R32	R32	R32	R32
	Weight	kg	2.10	2.25	2.80	3.50
	Throttling Method		Electronic Expansion Valve			
Connection Pipe	Liquid Pipe	in.	Φ3/8	Φ3/8	Φ3/8	Φ3/8
	Gas Pipe	in.	Φ5/8	Φ5/8	Φ5/8	Φ5/8
Refrigerant Pipe	Standard Length	m	5	5	7.5	7.5
	Max. Length	m	75	75	75	75
	Max. Height	m	30	30	30	30
Dimensions (W×D×H)	Outline	mm	940×370×820	940×370×820	940×370×820	990×370×960
	Package	mm	1093×497×885	1093×497×885	1093×497×885	1153×478×1110
Weight	Net/Gross	kg	75.0/82.0	76.0/83.0	81.0/88.0	94.0/103.0

Notes:

- The above data are based on the following conditions.

—	Cooling	Heating
Indoor	DB:27°C / WB:19°C	DB:20°C / WB:15°C
Outdoor	DB:35°C / WB:24°C	DB:7°C / WB:6°C

- The sound pressure level is tested in the anechoic room. It would be somewhat different in the actual operation due to environmental change. Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions.