

INVERTER CASSETTE



XPOWER
42QTD



Fresh air inlet



Dry Mode

TURBO

Turbo Mode

Maximum power, compact design

By packing maximum cooling capacity into the smallest possible dimension, Carrier Cassette is designed to cool /heat all spaces, big or small. With the 360° Airflow Panel, air is circulated throughout the whole space, offering optimum temperature distribution. Everyone's comfort is taken care of as each louver can be individually controlled. The unit comes with standard built-in drain pump for your convenience. It can lift condensing water up to 750mm. The drain pump is now easily accessible with new, improved design enabling hassle free and shorter time during maintenance. Additionally, reserved ports are available for long distance ON/OFF remote control by connecting to a switch, and providing an alarm signal for external alarm light or vibration gauge.



FEATURES

Built-in Drain Pump

360° Airflow

Auto Leak Detection

Auto Defrost

Auto-Swing

Auto-Restart

Timer

Turbo Mode

Sleep Mode

Dry Mode

My Mode

Louver Function / Horizontally

Cold Draft Prevention

Electrical Voltage Protection (168 to 264V)

Bright LCD Screen Remote Control

Wire Control

Wi-Fi Active

Comfort Zone Manager

Ανεξάρτητη κίνηση περσίδων

TECHNICAL CHARACTERISTICS SINGLE PHASE

INDOOR UNIT		42QTD012D8SN	42QTD018D8SN	42QTD024D8SN	42QTD030D8SN	42QTD036D8SN	42QTD042D8SN
OUTDOOR UNIT		38QUS012D8S-1	38QUS018D8S-1	38QUS024D8SX	38QUS030D8S	38QUS036D8S	38QUS042D8S
Cooling capacity	kW	3,50 (0,85-4,11)	5,30 (2,90-5,59)	7,04 (3,30-7,91)	8,80 (2,23-9,38)	10,50 (3,90-10,60)	12,00 (2,93-12,31)
Heating capacity	kW	4,20 (0,47-4,31)	5,55 (2,37-6,10)	7,50 (2,78-8,50)	10,00 (2,70-9,73)	11,00 (2,90-13,50)	13,20 (3,37-14,07)
Heating cap. at -7°C	kW	3,00	4,10	6,00	6,40	9,20	9,30
Heating cap. at -10°C	kW	2,75	3,75	5,80	6,00	8,20	8,90
Heating cap. at -15°C	kW	2,50	3,50	5,20	5,40	7,40	7,90
SEER/SCOP (average) SCOP (warmer)	W/W	6.80/4.10/5.30	6.30/4.00/4.90	6.3/4.00/5.40	6.80/4.20/5.80	6.80/4.00/5.20	6.20/4.00/5.50
Energy label		A++/A+/A+++	A++/A+/A++	A++/A+/A+++	A++/A+/A+++	A++/A+/A+++	A++/A+/A+++
Yearly energy consumption	kWh	180/939/872	294/1.470/1.543	391/2.100/1.604	453/2.500/1.834	540/2.870/2.719	677/3.325/2.495
EER/COP	W/W	3.25/3.75	3.21/3.65	2.82/4.05	3.14/4	2.63/3.55	2.82/3.59
Standard current (cooling)	A	5.00	7.50	11.00	12.50	17.50	19.00
Standard input (cooling)	W	1.075	1.650	2.500	2.800	4.000	4.260
Standard current (heating)	A	5.20	7.00	8.50	11.00	13.50	16.50
Standard input (heating)	W	1.120	1.520	1.850	2.500	3.100	3.680
INDOOR UNIT		42QTD012D8SN	42QTD018D8SN	42QTD024D8SN	42QTD030D8SN	42QTD036D8SN	42QTD042D8SN
Sound power level	dB(A)	57	58	59	64	65	66
Sound pressure level (high/med/low/silence)	dB(A)	41/36/33/25.5	43/39.5/35.5/29	45.5/42.5/39.5/27	49.5/47/44/38.5	50/47.5/44.5/39	51/48.5/46/38
Airflow (high/med/low)	m³/h	620/510/420	720/620/500	1.300/1.140/1.000	1.720/1.550/1.400	1.700/1.550/1.380	1.900/1.750/1.600
Weight (Body)	Kg	16.30	16	21,60	24.60	27.20	29.30
Weight (Panel)	Kg	2.50	2.50	6	6	6	6
Dimensions (W×D×H) (Body)	mm	570×570×260	570×570×260	830×830×205	830×830×245	830×830×245	830×830×287
Dimensions (W×D×H) (Panel)	mm	647×647×50	647×647×50	950×950×55	950×950×55	950×950×55	950×950×55
OUTDOOR UNIT		38QUS012D8S-1	38QUS018D8S-1	38QUS024D8SX	38QUS030D8S	38QUS036D8S	38QUS042D8S
Temp range cooling	°C	-15-50					
Temp range heating	°C	-15-24					
Flare connections (liquid-gas)		1/4"-3/8"	1/4"-1/2"	3/8"-5/8"	3/8"-5/8"	3/8"-5/8"	3/8"-5/8"
Standard piping length	m	5	5	5	5	5	5
Min. piping length	m	3	3	3	3	3	3
Max. piping length	m	25	30	50	50	65	65
Max. difference	m	10	20	25	25	30	30
Additional charge	g/m	12	12	24	24	24	24
Refrigerant amount	Kg	0.72	1.15	1,50	2	2.40	2.80
Sound power level	dB(A)	60	65	69	72	72	75
Sound pressure level	dB(A)	54	57	60	61.5	63	63
Sound pressure level (nominal)**	dB(A)	50	52	57	58.5	60	60.5
Airflow	m³/h	2.200	2.100	3.500	3.800	4.000	4.000
Weight	Kg	26.60	32.50	41,90	52.80	66.90	71
Dimensions (W×D×H)	mm	765×303×555	805×330×554	890×342×673	946×410×810	946×410×810	946×410×810
Power supply	V/Hz/Ph	220-240/50/1					

Notes:

* Sound data @ cooling mode

* -7°C / -10°C / -15°C heating @ free frequency

** Nominal means the noise value at rated cooling mode when compressor running at nominal frequency.



TECHNICAL CHARACTERISTICS *THREE PHASE*

INDOOR UNIT		42QTD036D8SN	42QTD048D8SN	42QTD060D8SN
OUTDOOR UNIT		38QUS036D8T	38QUS048D8TX	38QUS060D8TX
Cooling capacity	kW	10,50 (4-10,70)	14 (3,52-15,83)	15 (5,20-16,70)
Heating capacity	kW	11 (2,90-14,10)	16,10 (4,10-17,30)	18 (4,30-19,30)
Heating capacity at -7°C	kW	8,90	12,50	13,50
Heating capacity at -10°C	kW	7,60	10,50	11,50
Heating capacity at -15°C	kW	7,00	10,30	11,00
SEER/SCOP (average)/SCOP (warmer)	W/W	6.40/4.00/5.10	6.10/4.00/5.10	6.30/4.00/5.20
Energy label		A++/A+/A+++	A++/A+/A+++	A++/A+/A+++
Yearly energy consumption	kWh	574/2.800/2.772	803/3.780/3.294	833/4.130/3.365
EER/COP	W/W	2.59/3.61	3.01/3.49	2.97/3.21
Standard current (cooling)	A	6.50	8.50	9.00
Standard input (cooling)	W	4.050	4.650	5.050
Standard current (heating)	A	5.50	8.00	10.00
Standard input (heating)	W	3.050	4.580	5.600

INDOOR UNIT		42QTD036D8SN	42QTD048D8SN	42QTD060D8SN
Sound power level	dB(A)	65	66	67
Sound pressure level (high/med/low/silence)	dB(A)	50/47.5/44.5/39	51/48.5/46.5/37.5	53/50.5/48/40
Airflow (high/med/low)	m³/h	1.700/1.550/1.380	1.970/1.780/1.580	2.000/1.850/1.650
Weight (Body)	Kg	27.20	29.30	29.30
Weight (Panel)	Kg	6	6	6
Dimensions (W×D×H) (Body)	mm	830×830×245	830×830×287	830×830×287
Dimensions (W×D×H) (Panel)	mm	950×950×55	950×950×55	950×950×55

OUTDOOR UNIT		38QUS036D8T	38QUS048D8TX	38QUS060D8TX
Temp range cooling	°C		-15-50	
Temp range heating	°C		-15-24	
Flare connections (liquid-gas)		3/8"-5/8"	3/8"-5/8"	3/8"-5/8"
Standard piping length	m	5	5	5
Min. piping length	m	3	3	3
Max. piping length	m	65	65	65
Max. difference	m	30	30	30
Additional charge	g/m	24	24	24
Refrigerant amount	Kg	2.40	2.90	3
Sound power level	dB(A)	71	75	75
Sound pressure level	dB(A)	63	63.5	64
Sound pressure level (nominal)**	dB(A)	60	61	61.5
Airflow	m³/h	4.000	7.500	7.500
Weight	Kg	80.50	90	92
Dimensions (W×D×H)	mm	946×410×810	980×375×975	980×375×975
Power supply	V/Hz/Ph		380-415/50/3	

Notes:

* Sound data @ cooling mode

* -7°C / -10°C / -15°C heating @ free frequency

** Nominal means the noise value at rated cooling mode when compressor running at nominal frequency.

