

Inverter Cassette **XPOWER 42QTD**



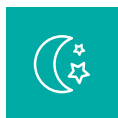
R32
REFRIGERANT



3D DC Inverter



Timer



Sleep Mode




Dry Mode



Turbo Mode



turn to the experts 



Compact design for easy installation
in any indoor application





EUROVENT CERTIFIED PERFORMANCE:

Eurovent Certification certifies the performance ratings of the air-condition unit according to European and international standards.



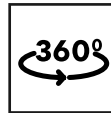
BUILT-IN DRAIN PUMP:

The drain pump can remove the condensing water from the unit, up to 750mm high. The drainage piping is easy to install even at narrow spaces.



3D DC INVERTER:

The outdoor unit is equipped with DC inverter technology compressor and DC inverter fan motor. The indoor unit is also equipped with a DC inverter fan motor. With 3 DC inverter motors the unit achieves maximum performance and energy efficiency.



360° AIR FLOW:

Cassette sizes from 24,000 to 60,000 BTU can distribute airflow evenly to all directions, without "blind-spots", achieving equal temperature across the room.



TWIN-ROTARY COMPRESSORS:

Units from 24,000 to 60,000 BTU are equipped with DC Twin-Rotary compressors, which contribute to the system's high performance and reliability. The two-rotary compression cylinders, offset from each other by 180° and a DC brushless motor with the shaft in perfect balance, ensure reduced vibrations and lower noise levels even when operating at very low speeds. They have an extremely wide range between the minimum and maximum capacity, therefore the system is always optimized to provide maximum comfort with extremely high efficiency levels.

Instalation Flexibility

- Compact design:

With its small size it can fit to all suspended ceiling installations. It is ideal for offices and large spaces.

- Reserved air outlet for duct:

A reserved outlet on the side of the indoor unit allows the connection of an air duct to provide air conditioning to nearby rooms from a single unit.

- Fresh air intake:

A ventilation motor can be installed in the fresh-air duct, connected to the ventilation connector, and work with the indoor fan to increase the volume of fresh air.

- Reserved dry contact ports:

With the reserved ports, a remote switch can be easily connected for a remote control. The built-in PCB can produce alarm signal which can be connected to an external alarm light or vibration gauge.

SINGLE PHASE

INDOOR UNIT

OUTDOOR UNIT

		42QTD012D8S	42QTD018D8S-1	42QTD018R8S	42QTD024R8S	42QTD036R8S
		38QUS012D8S	38QUS018D8S	38QUS018R8S	38QUS024R8S	38QUS036R8S
Cooling capacity	kW	3.50(1.52-5.28)	5.30 2.90-5.74)	5.20(2.60-5.70)	7.05(3.20-7.90)	10.50(3.90-10.60)
Heating capacity	kW	4.40(1.03-5.57)	5.42 2.37-6.10)	5.50(2.30-5.80)	7.20(2.80-8.80)	10.60(2.90-13.50)
Heating capacity at -7°C	kW	4,1	4,7	3,90	5,40	9,70
Heating capacity at -10°C	kW	3,8	4,1	3,90	5,00	8,30
Heating capacity at -15°C	kW	3,6	3,7	2,20	3,70	8,20
SEER/SCOP (average)/SCOP (warmer)	W/W	7.8/4.6/5.1	6.1/4.0/4.9	6.9 / 4.0 / 5.1	6.1 / 4.0 / 5.1	6.1 / 4.0 / 4.9
Energy label		A++/A+/A+++	A++/A+/A++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A++
Yearly energy consumption	kWh	157/959/961	304/1470/1525	264 / 1645 / 1290	405 / 1855 / 1620	602 / 3045 / 3000
EER/COP	W/W	4.12/4.00	3.25/3.71	3.34 / 3.74	2.95 / 3.93	2.61 / 3.53
Standard current (cooling)	A	3,8	7,2	7,7	9,9	16,5
Standard input (cooling)	W	850	1630	1700	2180	3740
Standard current (heating)	A	5	6,4	6,8	8,4	13,3
Standard input (heating)	W	1100	1460	1500	1830	2970

INDOOR UNIT

OUTDOOR UNIT

		42QTD012D8S	42QTD018D8S-1	42QTD018R8S	42QTD024R8S	42QTD036R8S
Sound power level	dB(A)	59	60	57	61	62
Sound pressure level (high/med/low)	dB(A)	42/39/36	45/42/36	45 / 40 / 37	46 / 43 / 40	51 / 49 / 46
Air flow (high/med/low)	m³/h	560/430/390	680/550/400	1040 / 870 / 760	1380 / 1200 / 1030	1770 / 1620 / 1440
Weight (net/gross) (Body)	kg	16.5/19.0	16.5/19.5	21.5 / 25.0	24.0 / 28.0	27.5 / 31.0
Weight (net/gross) (Panel)	kg	2.5/4.5	2.5/4.5	6.0 / 9.0	6.0 / 9.0	6.0 / 9.0
Dimensions (WxDxH) (Body)	mm	570x570x260	662x662x317	840x840x205	840x840x205	840x840x245
Dimensions (WxDxH) (Panel)	mm	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55

OUTDOOR UNIT

		38QUS012D8S	38QUS018D8S	38QUS018R8S	38QUS024R8S	38QUS036R8S
Temp range cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50
Temp range heating	°C	-15-24	-15-24	-15-24	-15-24	-15-24
Refrigerant amount	kg	0.87	1.15	1.35	1.5	2.4
Liquid side/Gas side	inn	1/4 - 3/8	1/4 / 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8
Standard piping length	m	5	5	5	5	5
Min piping length	m	3	3	3	3	3
Max piping length	m	25	30	30	50	65
Max difference	m	10	20	20	25	30
Additional charge	g/m	12	12	12	24	24
Sound power level	dB(A)	63	64	65	67	69
Sound pressure level	dB(A)	56	57	57	61	64
Air flow	m³/h	2000	2000	2100	2700	4000
Weight (net/gross)	kg	34.7/37.5	33.7/36.6	35.5 / 38.5	49.5 / 53.0	67.0 / 73.5
Dimensions (WxDxH)	mm	800x333x554	800x333x554	800x333x554	845x363x702	946x410x810
Voltage/Hz/Ph		380-415V / 50Hz / 3Ph				

Note
 * Sound data @ cooling mode
 * -7°C / -10°C / -15°C heating @ free frequency

* Preliminary Data

THREE PHASE

INDOOR UNIT OUTDOOR UNIT

		42QTD036R8S 38QUS036R8T	42QTD048R8S 38QUS048R8T	42QTD060R8S 38QUS060R8T
Cooling capacity	kW	10.50(4.00-10.70)	14.00(4.70-14.60)	15.40(5.20-16.70)
Heating capacity	kW	10.80(2.90-14.10)	15.60(3.90-16.80)	18.00(4.30-19.30)
Heating capacity at -7°C	kW	9,60	10,50	12,20
Heating capacity at -10°C	kW	8,20	10,00	11,90
Heating capacity at -15°C	kW	8,10	8,50	9,80
SEER/SCOP (average)/SCOP (warmer)	W/W	6.1 / 4.0 / 4.9	6.1 / 4.0 / 4.6	6.1 / 4.0 / 5.1
Energy label		A++ / A+ / A++	A++ / A+ / A++	A++ / A+ / A+++
Yearly energy consumption	kWh	602 / 2835 / 3000	803 / 3850 / 3591	884 / 4130 / 3376
EER/COP	W/W	2.80 / 3.71	2.72 / 3.10	2.53 / 2.94
Standard current (cooling)	A	6,6	9,2	10,2
Standard input (cooling)	W	3950	5150	6080
Standard current (heating)	A	5	8,2	10,3
Standard input (heating)	W	2910	5040	6130

INDOOR UNIT

		42QTD036R8S	42QTD048R8S	42QTD060R8S
Sound power level	dB(A)	62	65	65
Sound pressure level (high/med/low)	dB(A)	51 / 49 / 46	52 / 50 / 48	53 / 50 / 48
Air flow (high/med/low)	m³/h	1770 / 1620 / 1440	1870 / 1700 / 1500	1970 / 1740 / 1540
Weight (net/gross) (Body)	kg	27.5 / 31.0	29.0 / 33.0	29.0 / 33.0
Weight (net/gross) (Panel)	kg	6.0 / 9.0	6.0 / 9.0	6.0 / 9.0
Dimensions (WxDxH) (Body)	mm	840×840×245	840×840×287	840×840×287
Dimensions (WxDxH) (Panel)	mm	950×950×55	950×950×55	950×950×55

OUTDOOR UNIT

		38QUS036R8T	38QUS048R8T	38QUS060R8T
Temp range cooling	°C	-15-50	-15-50	-15-50
Temp range heating	°C	-15-24	-15-24	-15-24
Refrigerant amount	kg	2,4	2,8	2,95
Liquid side/Gas side	inn	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
Sound power level	dB(A)	69	75	77
Sound pressure level	dB(A)	64	66	66
Air flow	m³/h	4000	7500	7500
Weight (net/gross)	kg	81.5 / 87.0	107.0 / 120.0	112.0 / 125.0
Dimensions (WxDxH)	mm	946×410×810	952×415×1333	952×415×1333
Voltage/Hz/Ph		380-415V / 50Hz / 3Ph		

Note

* Sound data @ cooling mode
* -7°C / -10°C / -15°C heating @ free frequency

* Preliminary Data

Basics Features

Auto Leak Detection	●	TURBO Turbo Mode	●	Cold Draft Prevention	●
Auto Defrost	●	Sleep Mode	●	Electrical Voltage Protection (168 To 264V)	●
Auto Swing	●	Dry Mode	●	Bright LCD Screen Remote Control	●
Auto Restart	●	*My* Mode	●	Wired Control	○
Timer	●	Louver Position Memory	●		