

Inverter Ducted **XPOWER 42QSS**



R32
REFRIGERANT 



3D DC Inverter



Timer



Sleep Mode




Turbo Mode



Auto Leak
Detection



turn to the experts 



Compact and versatile is the ideal choice for new or refurbished buildings





EUROVENT CERTIFIED PERFORMANCE:

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



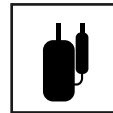
BUILT-IN DRAIN PUMP*:

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. *(optional)



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.



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.

Installation Flexibility

- Slim design:

The unit has slim design with reduced height, suitable for low-ceiling installations.

- Two way air inlet:

The unit offers air intake both from the back and bottom side, for more flexible installation.

- 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 (optional).

- Auto adjust external static pressure:

With automatic air-flow adjustment function, the unit can adapt its fan speed to a lower or higher curve, to decrease or increase air-flow depending on resistance.

- Increased external static pressure:

The optimized air scroll design can deliver higher external static pressure.

- 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

		42QSS012D8S	42QSS018D8S	42QSS018R8S	42QSS024R8S	42QSS030R8S	42QSS036R8S	42QSS042R8S
		38QUS012D8S	38QUS018D8S	38QUS018R8S	38QUS024R8S	38QUS030R8S	38QUS036R8S	38QUS042R8S
Cooling capacity	kW	3.50(1.52-5.28)	5.30(2.55-5.69)	5.20(2.80-5.50)	7.05(3.20-8.20)	8.80(2.23-9.82)	10.50(2.70-10.60)	12.40(2.58-13.40)
Heating capacity	kW	4.40(1.03-5.57)	5.86(2.20-6.15)	5.50(2.40-5.80)	7.60(2.80-8.80)	9.38(6.74-11.14)	11.30(2.50-13.40)	13.48(2.05-14.85)
Heating cap. at -7°C	kW	4,1	4,70	4,00	5,30	7,00	10,30	10,80
Heating cap. at -10°C	kW	3,8	4,10	3,60	4,70	6,20	9,60	9,60
Heating cap. at -15°C	kW	3,6	3,70	2,50	3,50	5,60	8,30	8,60
SEER/SCOP (average) SCOP (warmer)	W/W	7.8/4.6/5.1	6.1/4.0/5.0	6.3 / 4.0 / 4.9	6.5 / 4.0 / 4.8	6.1 / 4.0 / 5.1	6.1 / 4.0 / 4.9	6.1 / 4.0 / 5.0
Energy label		A++/A+/A+++	A++/A+/A++	A++ / A+ / A++	A++ / A+ / A++	A++ / A+ / A+++	A++ / A+ / A++	A++ / A+ / A++
Yearly energy consumption	kWh	157/959/961	304/1512/1464	289 / 1645 / 1343	380 / 1750 / 1633	505/2800/1920	602 / 2940 / 2857	711/3360/2996
EER/COP	W/W	4.12/4.00	3.25/3.71	3.06 / 3.74	3.23 / 3.88	3.38 / 4.08	2.52 / 3.55	3.40/3.66
Standard current (cooling)	A	3,8	7,2	7,7	10,3	11,8	17,5	16,0
Standard input (cooling)	W	850	1630	1700	2260	2600	3950	3650
Standard current (heating)	A	5	7,0	6,8	9,0	10,6	14,1	16,2
Standard input (heating)	W	1100	1580	1500	1960	2300	3180	3680

INDOOR UNIT

		42QSS012D8S	42QSS018D8S	42QSS018R8S	42QSS024R8S	42QSS030R8S	42QSS036R8S	42QSS042R8S
Sound power level	dB(A)	60	61,0	60	63	65	65	69
Sound pressure level (high/med/low)	dB(A)	42 / 36 / 30	45/38/33	42 / 40 / 38	42 / 40 / 38	45/42/39	45 / 42 / 39	53/51/49
Air flow (high/med/low)	m³/h	580 / 480 / 300	880/650/350	1000 / 850 / 680	1250 / 1050 / 840	1400/1150/750	1400 / 1150 / 750	2400 / 2040 / 1680
Weight (net/gross)	kg	18.0 / 22.0	24.5/29.5	25.5 / 31.5	31.5 / 39.0	40.5/48.5	40.5 / 48.5	47.5 / 56.0
Dimensions (WxDxH)	mm	700×450×200	880X674X210	880×674×210	1100×774×249	1360×774×249	1360×774×249	1200×874×300

OUTDOOR UNIT

		38QUS012D8S	38QUS018D8S	38QUS018R8S	38QUS024R8S	38QUS030R8S	38QUS036R8S	38QUS042R8S
Temp range cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50
Temp range heating	°C	-15-24	-15-24	-15 - 24	-15-24	-15-24	-15-24	-15-24
Refrigerant amount	kg	0.87	1.15	1,35	1,5	2.0	2,4	2.80
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	3/8 - 5/8	3/8 / 5/8
Standard piping length	m	5	5	5	5	5	5	5
Min piping length	m	3	3	3	3	3	3	3
Max piping length	m	25	30	30	50	50	65	65
Max difference	m	10	20	20	25	25	30	30
Additional charge	g/m	12	12	12	24	24	24	24
Sound power level	dB(A)	63	64	65	67	67	69	72
Sound pressure level	dB(A)	56	57	57	61	61	64	65
Air flow	m³/h	2000	2000	2100	2700	3800	4000	3600
Weight (net/gross)	kg	34.7/37.5	33.7/36.6	35.5 / 38.5	49.5 / 53.0	56.9 / 61.8	67.0 / 73.5	73.9/78.9
Dimensions (WxDxH)	mm	800X333X554	800X333X554	800×333×554	845×363×702	946×410×810	946×410×810	946×410×810
Voltage/Hz/Ph		220-240V / 50Hz / 1Ph						

Note

* Sound data @ cooling mode

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

* Preliminary Data

THREE PHASE

INDOOR UNIT

OUTDOOR UNIT

		42QSS036R8S	42QSS048R8S	42QSS060R8S
		38QUS036R8T	38QUS048R8T	38QUS060R8T
Cooling capacity	kW	10.50(2.70-11.70)	14.00(4.20-15.20)	15.40(5.80-17.20)
Heating capacity	kW	11.60(2.50-13.50)	15.60(3.70-18.00)	18.00(4.60-20.50)
Heating capacity at -7°C	kW	9,90	11,60	12,60
Heating capacity at -10°C	kW	9,10	10,70	11,80
Heating capacity at -15°C	kW	8,10	9,10	10,20
SEER/SCOP (average)/ SCOP (warmer)	W/W	6.2 / 4.0 / 5.1	6.1 / 4.0 / 5.0	6.1 / 4.0 / 5.1
Energy label		A++ / A+ / A+++	A++ / A+ / A++	A++ / A+ / A+++
Yearly energy consumption	kWh	593 / 2800 / 2883	803 / 4130 / 3304	884 / 4200 / 3486
EER/COP	W/W	2.80 / 3.80	2.72 / 3.69	2.82 / 3.38
Standard current (cooling)	A	6,8	8,3	9
Standard input (cooling)	W	4070	5150	5470
Standard current (heating)	A	5,4	6,7	8,6
Standard input (heating)	W	3050	4230	5330

INDOOR UNIT

		42QSS036R8S	42QSS048R8S	42QSS060R8S
Sound power level	dB(A)	65	69	71
Sound pressure level (high/med/low)	dB(A)	45 / 42 / 39	53 / 51 / 49	54 / 52 / 50
Air flow (high/med/low)	m³/h	1400 / 1150 / 750	2400 / 2040 / 1680	2600 / 2210 / 1820
Weight (net/gross)	kg	40.5 / 48.5	47.5 / 56.0	47.5 / 56.0
Dimensions (WxDxH)	mm	1360×774×249	1200×874×300	1200×874×300

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

Basic 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	●			