

INVERTER DUCTED XPOWER 42QSS/38QUS

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



CHARACTERISTICS

The industry Lowest height designed to be fitted in tight ceilings.

The maximum static pressure reaches 160 Pa.

Constant air volume control.

Built-in drain pump can lift the water up to 750mm height, which widens the drainage piping range (optional).

Ducted uses two wires without polarity connection way, which almost has no mistake during the installation.

Easy Clean, it is easy to draw out the filter from the indoor unit for cleaning.



SIGNLE PHASE

INDOOR UNIT		42QSS012DS-1	42QSS018DS-1	42QSS024DS-1	42QSS030DS-1	42QSS036DS-1	42QSS048DS-1
OUTDOOR UNIT		38QUS012DS-1	38QUS018DS-1	38QUS024DS-1	38QUS030DS-1	38QUS036DS-1	38QUS048DS-1
Cooling capacity	kW	3.52 (1.4~3.9)	5.00 (2.0~5.5)	7.03 (2.5~7.7)	8.70 (2.1~10.5)	10.2 (3.7~11.0)	13.7 (5.1~14.4)
Heating capacity	kW	3.80 (1.2~4.2)	5.40 (2.0~6.0)	7.40 (2.4~8.7)	9.30 (2.1~10.8)	12.7 (3.0~14.0)	15.4 (4.4~16.4)
Heating capacity at -7°C	kW	2,5	4	5,3	7	10,3	10,8
Heating capacity at -10°C	kW	2,2	3,6	4,7	6,6	9,6	10,3
Heating capacity at -15°C	kW	2	2,5	3,5	6	8,3	8,9
SEER/SCOP (average)/SCOP (warmer)	W/W	6.1 / 4.0 / 5.1	6.3 / 4.0 / 5.1	6.1 / 4.0 / 5.1	6.5 / 4.0 / 4.8	6.2 / 4.0 / 5.1	5.8 / 4.0 / 4.9
Energy label		A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A+ / A+ / A++
Yearly energy consumption	kWh	202/985/941	277/1468/1465	401/1820/2058	469/2532/2040	574/3598/2888	826/3597/3337
EER/COP	W/W	2.8/3.2	2.8/3.6	3.1/3.4	3.0/3.7	2.6/3.7	2.7/3.5
Standard current (cooling)	A	5,5	7,7	9,7	13,1	17,4	22,3
Standard input (cooling)	W	1250	1680	2300	2860	3890	5070
Standard current (heating)	A	5,2	6,6	9,5	11,6	15,7	19,5
Standard input (heating)	W	1190	1500	2150	2490	3410	4400

INDOOR UNIT		42QSS012DS-1	42QSS018DS-1	42QSS024DS-1	42QSS030DS-1	42QSS036DS-1	42QSS048DS-1
Sound power level	dB(A)	60	60	61	65	65	71
Sound pressure level (high/med/low)	dB(A)	42/38/35	42/40/38	43/40/38	47/45/42	47/45/42	53/51/49
Air flow (high/med/low)	m³/h	540/500/370	790/660/490	1120/900/420	1900/1560/1205	1900/1550/1200	2400/2050/1750
Weight (net/gross)	kg	18.5/23.0	23.0/29.0	30.2/37.3	40.5/48.5	40.5/48.5	46/55
Dimensions (WxDxH)	mm	700x635x210	880x674x210	1100x774x249	1360x774x249	1360x774x249	1200x874x300

OUTDOOR UNIT		38QUS012DS-1	38QUS018DS-1	38QUS024DS-1	38QUS030DS-1	38QUS036DS-1	38QUS048DS-1
Temp range cooling	°C	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46
Temp range heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Voltage/Hz/Ph		220-240V / 50Hz / 1Ph					
Refrigerant amount	kg	0,65	1,7	2	2,8	3,2	4
Liquid side/Gas side	inn	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	20	30	20	20	20	20
Max difference	m	8	20	8	8	8	8
Additional charge	g/m	15	15	15	15	15	15
Sound power level	dB(A)	65	65	69	70	70	75
Sound pressure level	dB(A)	56	57	61	62	64	64
Air flow	m³/h	2100	2100	2700	4300	4150	6800
Weight (net/gross)	kg	28.5 / 31.5	38.0/40.5	50/54.5	62.9/68.5	67.2/72.9	95.1/108.4
Dimensions (WxDxH)	mm	800x333x554	800x333x554	845x363x702	946x410x810	946x410x810	952x415x1333

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

THREE PHASE

INDOOR UNIT		42QSS036DS-1	42QSS048DS-1	42QSS060DS-1
OUTDOOR UNIT		38QUS036DT-1	38QUS048DT-1	38QUS060DT-1
Cooling capacity	kW	10.2 (3.6~11.0)	13.7 (4.9~14.2)	15.4 (5.2~16.0)
Heating capacity	kW	12.7 (2.7~13.5)	15.4 (4.7~16.9)	17.6 (4.8~18.8)
Heating capacity at -7°C	kW	9,9	11,6	12,6
Heating capacity at -10°C	kW	9,1	10,7	11,8
Heating capacity at -15°C	kW	8,1	9,1	10,2
SEER/SCOP (average)/SCOP (warmer)	W/W	6.2 / 4.0 / 5.0	5.9 / 4.0 / 5.4	5.5 / 4.0 / 5.1
Energy label		A++ / A+ / A++	A+ / A+ / A+++	A / A+ / A+++
Yearly energy consumption	kWh	577/3481/2912	813/4030/3206	963/4196/3328
EER/COP	W/W	2.6/3.7	2.6/3.7	2.3/3.4
Standard current (cooling)	A	6,2	8,4	11
Standard input (cooling)	W	3890	5230	6630
Standard current (heating)	A	5,3	6,9	8,6
Standard input (heating)	W	3390	4240	5140

INDOOR UNIT		42QSS036DS-1	42QSS048DS-1	42QSS060DS-1
Sound power level	dB(A)	65	71	76
Sound pressure level (high/med/low)	dB(A)	47/45/43	53/51/49	58/56/54
Air flow (high/med/low)	m³/h	1900/1550/1200	2400/2050/1750	2500/2100/1800
Weight (net/gross)	kg	40.5/48.5	46/55	46/55
Dimensions (WxDxH)	mm	1360x774x249	1200x874x300	1200x874x300

OUTDOOR UNIT		38QUS036DT-1	38QUS048DT-1	38QUS060DT-1
Temp range cooling	°C	-10~46	-10~46	-10~46
Temp range heating	°C	-15~24	-15~24	-15~24
Voltage/Hz/Ph		380~415V / 50Hz / 3Ph		
Refrigerant amount	kg	3,65	4	4,3
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	20	20	20
Max difference	m	8	8	8
Additional charge	g/m	15	15	15
Sound power level	dB(A)	70	75	77
Sound pressure level	dB(A)	64	64	64
Air flow	m³/h	4150	6800	7000
Weight (net/gross)	kg	85.3/91	108.1/121.2	112.8/126
Dimensions (WxDxH)	mm	946x410x810	952x415x1333	952x415x1333

Note

* Sound data @ cooling mode

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