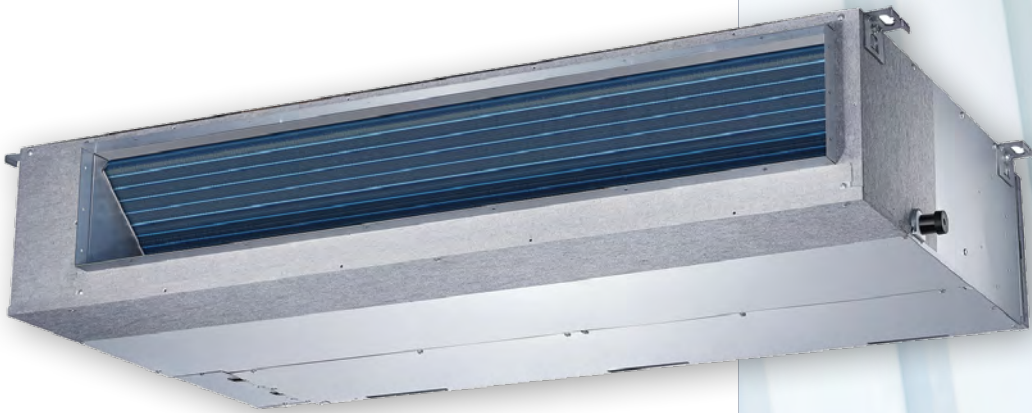


# INVERTER DUCTED XPOWER 42QSS



**R32**  
REFRIGERANT



Sleep Mode



Dry Mode



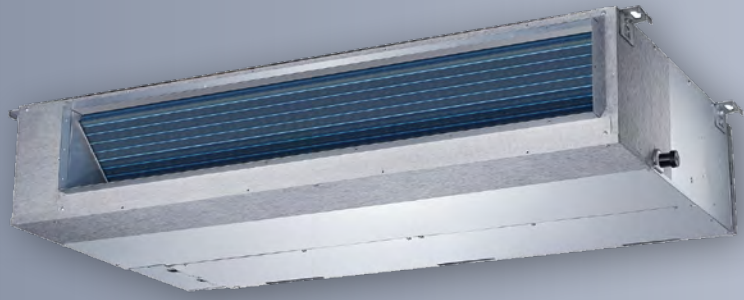
Auto Leak Detection





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

## INVERTER DUCTED XPOWER 42QSS



### 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.

### FEATURES

	Built-in Drain Pump <i>(optional)</i>		Timer		Louver Function/ Horizontally
	Auto Leak Detection		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

# TECHNICAL CHARACTERISTICS

## SINGLE PHASE

### INDOOR UNIT

### OUTDOOR UNIT

		42QSS012D8S	42QSS018D8S	42QSS024R8S	42QSS030R8S	42QSS036R8S	42QSS042R8S
		38QUS012D8S	38QUS018D8S	38QUS024R8S	38QUS030R8S	38QUS036R8S	38QUS042R8S
Cooling capacity	kW	3.50(1.52-5.28)	5.30(2.55-5.69)	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)	7.60(2.80-8.80)	9.38(6.74-11.14)	11.30(2.50-13.40)	13.46(2.05-14.85)
Heating cap. at -7°C	kW	4,1	4,70	5,30	7,00	10,30	10,80
Heating cap. at -10°C	kW	3,8	4,10	4,70	6,20	9,60	9,60
Heating cap. at -15°C	kW	3,6	3,70	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	6.5 / 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++
Yearly energy consumption	kWh	157/959/961	304/1512/1464	380 / 1750 / 1633	505/2800/1920	602 / 2940 / 2857	711 / 3360 / 2996
EER/COP	W/W	4.12/4.00	3.25/3.71	3.23 / 3.88	3.38 / 4.08	2.52 / 3.55	3.40 / 3.66
Standard current (cooling)	A	3,8	7,2	10,3	11,8	17,5	16,0
Standard input (cooling)	W	850	1630	2260	2600	3950	3650
Standard current (heating)	A	5	7,0	9,0	10,6	14,1	16,2
Standard input (heating)	W	1100	1580	1960	2300	3180	3680

### INDOOR UNIT

### OUTDOOR UNIT

		42QSS012D8S	42QSS018D8S	42QSS024R8S	42QSS030R8S	42QSS036R8S	42QSS042R8S
Sound power level	dB(A)	60	61,0	63	65	65	69
Sound pressure level (high/med/low)	dB(A)	42 / 36 / 30	45/38/33	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	1250 / 1050 / 840	1400/1150/750	1400 / 1150 / 750	2400 / 2040 / 1680
Weight	kg	18.0 / 22.0	24.5/29.5	31.5 / 39.0	40.5/48.5	40.5	47.5
Dimensions (WxDxH)	mm	700×450×200	880×674×210	1100×774×249	1360×774×249	1360×774×249	1200×874×300

### INDOOR UNIT

### OUTDOOR UNIT

		38QUS012D8S	38QUS018D8S	38QUS024R8S	38QUS030R8S	38QUS036R8S	38QUS036R8S
Temp range cooling	°C	-15-50					
Temp range heating	°C	-15-24					
Liquid side/Gas side		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	0.87	1.15	1,5	2.0	2,4	2,4
Sound power level	dB(A)	63	64	67	67	69	72
Sound pressure level	dB(A)	56	57	61	61	64	65
Air flow	m³/h	2000	2000	2700	3800	4000	3600
Weight	kg	34.7	33.7	49.5	56.9	67.0	73.9
Dimensions (WxDxH)	mm	800X333X554	800X333X554	845×363×702	946×410×810	946×410×810	946×410×810
Voltage/Hz/Ph		220-240V / 50Hz / 1Ph					

Notes:

\* Sound data @ cooling mode

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

\* Preliminary Data



# TECHNICAL CHARACTERISTICS

## 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)	m <sup>3</sup> /h	1400 / 1150 / 750	2400 / 2040 / 1680	2600 / 2210 / 1820
Weight	kg	40.5	47.5	47.5
Dimensions (WxDxH)	mm	1360×774×249	1200×874×300	1200×874×300

### OUTDOOR UNIT

#### 38QUS036R8T

#### 38QUS048R8T

#### 38QUS060R8T

Temp range cooling	°C	-15-50		
Temp range heating	°C	-15-24		
Liquid side/Gas side		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	2.4	2.8	2.95
Sound power level	dB(A)	69	75	77
Sound pressure level	dB(A)	64	66	66
Air flow	m <sup>3</sup> /h	4000	7500	7500
Weight	kg	81.5	107.0	112.0
Dimensions (WxDxH)	mm	946×410×810	952×415×1333	952×415×1333
Voltage/Hz/Ph		380-415V / 50Hz / 3Ph		

Notes:

\* Sound data @ cooling mode

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

\* Preliminary Data

