

# INVERTER CASSETTE

## XPOWER 42QTD



**R32**  
REFRIGERANT



Sleep Mode



Dry Mode



Turbo Mode





**Compact design  
for easy installation  
in any indoor application**

## INVERTER CASSETTE XPOWER 42QTD



### INSTALLATION 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.

### FEATURES



Built-in Drain Pump



360° Air Flow



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



Wired Control

# TECHNICAL CHARACTERISTICS

## SINGLE PHASE

### INDOOR UNIT

### OUTDOOR UNIT

		42QTD012D8S	42QTD018D8S-1	42QTD024R8S	42QTD036R8S
		38QUS012D8S	38QUS018D8S	38QUS024R8S	38QUS036R8S
Cooling capacity	kW	3.50(1.52-5.28)	5.30(2.90-5.74)	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)	7.20(2.80-8.80)	10.60(2.90-13.50)
Heating capacity at -7°C	kW	4,1	4,7	5,40	9,70
Heating capacity at -10°C	kW	3,8	4,1	5,00	8,30
Heating capacity at -15°C	kW	3,6	3,7	3,70	8,20
SEER/SCOP (average)/SCOP (warmer)	W/W	7.8/4.6/5.1	6.1/4.0/4.9	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++
Yearly energy consumption	kWh	157/959/961	304/1470/1525	405 / 1855 / 1620	602 / 3045 / 3000
EER/COP	W/W	4.12/4.00	3.25/3.71	2.95 / 3.93	2.61 / 3.53
Standard current (cooling)	A	3,8	7,2	9,9	16,5
Standard input (cooling)	W	850	1630	2180	3740
Standard current (heating)	A	5	6,4	8,4	13,3
Standard input (heating)	W	1100	1460	1830	2970

### INDOOR UNIT

### 42QTD012D8S

### 42QTD018D8S-1

### 42QTD024R8S

### 42QTD036R8S

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

### OUTDOOR UNIT

### 38QUS012D8S

### 38QUS018D8S

### 38QUS024R8S

### 38QUS036R8S

		38QUS012D8S	38QUS018D8S	38QUS024R8S	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"
Standard piping length	m	5	5	5	5
Min piping length	m	3	3	3	3
Max piping length	m	25	30	50	65
Max difference	m	10	20	25	30
Additional charge	g/m	12	12	24	24
Refrigerant amount	kg	0.87	1.15	1.5	2.4
Sound power level	dB(A)	63	64	67	69
Sound pressure level	dB(A)	56	57	61	64
Air flow	m³/h	2000	2000	2700	4000
Weight	kg	34.7	33.7	49.5	67.0
Dimensions (WxDxH)	mm	800x333x554	800x333x554	845x363x702	946x410x810
Voltage/Hz/Ph		380-415V / 50Hz / 3Ph			

Notes:

\* Sound data @ cooling mode

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

\* Preliminary Data



# TECHNICAL CHARACTERISTICS

## THREE PHASE

### INDOOR UNIT

### OUTDOOR UNIT

		42QTD036R8S	42QTD048R8S	42QTD060R8S
		38QUS036R8T	38QUS048R8T	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

		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)	m <sup>3</sup> /h	1770 / 1620 / 1440	1870 / 1700 / 1500	1970 / 1740 / 1540
Weight (Body)	kg	27.5	29.0	29.0
Weight (Panel)	kg	6.0	6.0	6.0
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

		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





