

INVERTER CASSETTE

XPOWER 42QTD



R32
REFRIGERANT



Sleep Mode

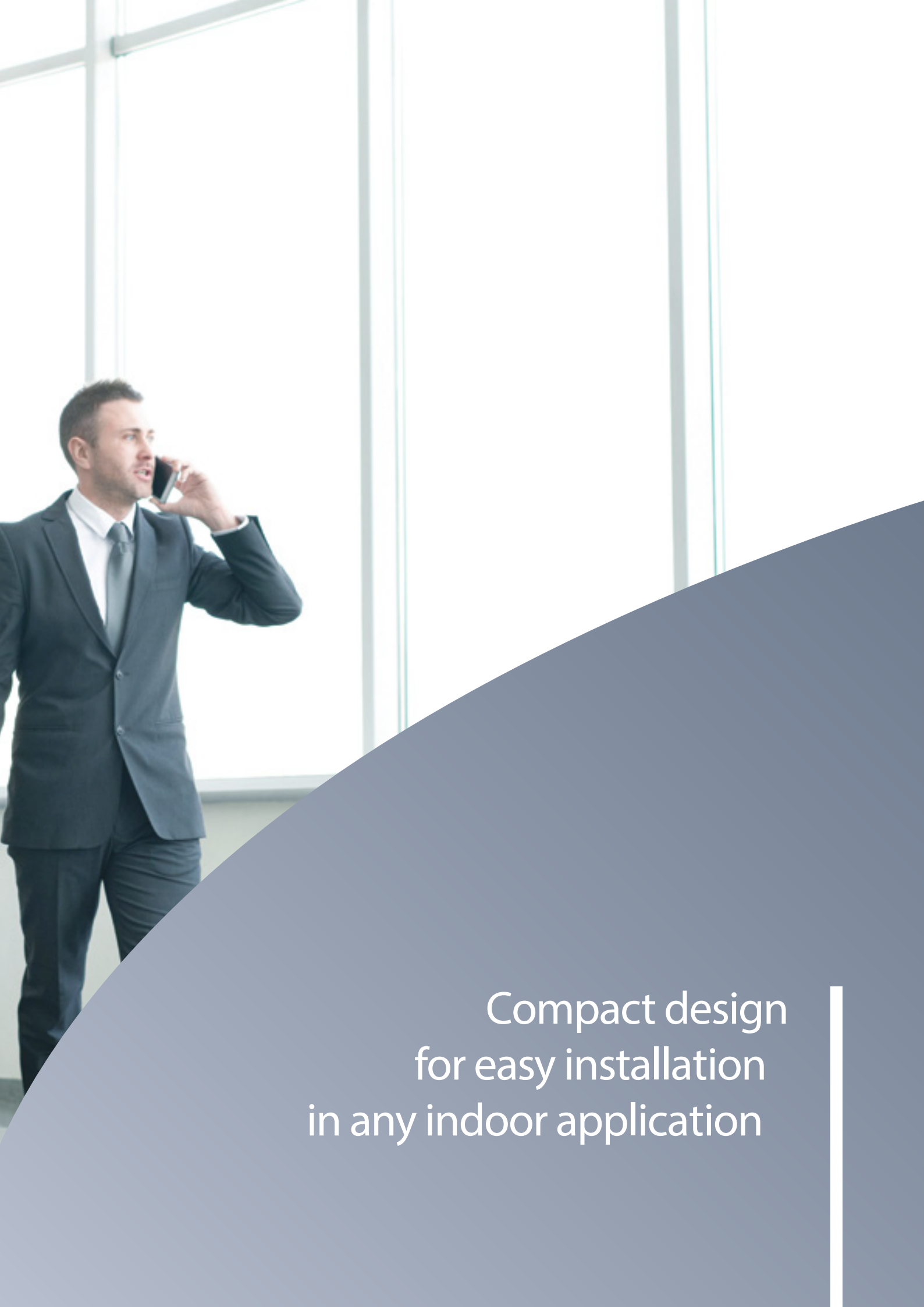


Dry Mode



Turbo Mode





Compact design
for easy installation
in any indoor application

INVERTER CASSETTE XPOWER 42QTD



COMFORT FOR EVERYONE

By packing maximum cooling capacity into smallest possible dimension, Carrier Cassette is designed to cool /heat all spaces, big or small.

With the 360° Air Flow Panel, air is circulated throughout the whole space, offering optimum temperature distribution. Everyone's comfort is taken care of as each louver can be individually controlled.

The unit comes with standard built-in drain pump for your convenience. It can lift condensing water up to 750mm. The drain pump is now easily accessible with improved new design, enabling hassle free and shorter time during maintenance.

Additionally, reserved ports are available for long distance on-off remote control by connecting to a switch, and providing an alarm signal for 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



Remote Control (wireless)

TECHNICAL CHARACTERISTICS

		SINGLE PHASE					
INDOOR UNIT		42QTD012D8S-1	42QTD018D8S-2	42QSS024D8S	42QTD030D8S	42QTD036D8S	42QTD042D8S
OUTDOOR UNIT		38QUS012D8S-1	38QUS018D8S-1	38QUS024D8S	38QUS030D8S	38QUS036D8S	38QUS042D8S
Cooling capacity	kW	3.50 (0.85~4.11)	5.30 (2.90~5.59)	7.04 (3.30~7.91)	8.80 (2.23~9.38)	10.50 (3.90~10.60)	12.00 (2.93~12.31)
Heating capacity	kW	4.20 (0.47~4.31)	5.55 (2.37~6.10)	7.50 (2.81~8.94)	10.00 (2.70~9.73)	11.00 (2.90~13.50)	13.20 (3.37~14.07)
Heating cap. at -7°C	kW	3,00	4,10	6,00	6,40	9,20	9,30
Heating cap. at -10°C	kW	2,75	3,75	5,80	6,00	8,20	8,90
Heating cap. at -15°C	kW	2,50	3,50	5,20	5,40	7,40	7,90
SEER/SCOP (average) SCOP (warmer)	W/W	6.8 / 4.1 / 5.3	6.3 / 4.0 / 4.9	6.3 / 4.0 / 5.5	6.8 / 4.2 / 5.8	6.8 / 4.0 / 5.2	6.2 / 4.0 / 5.5
Energy label		A++ / A+ / A+++	A++ / A+ / A++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++
Yearly energy consumption	kWh	180 / 939 / 872	294 / 1470 / 1543	391 / 2100 / 1604	453 / 2500 / 1834	540 / 2870 / 2719	677 / 3325 / 2495
EER/COP	W/W	3.25 / 3.75	3.21 / 3.65	2.82 / 4.05	3.14 / 4.00	2.63 / 3.55	2.82 / 3.59
Standard current (cooling)	A	5,0	7,5	11,0	12,5	17,5	19,0
Standard input (cooling)	W	1075	1650	2500	2800	4000	4260
Standard current (heating)	A	5,2	7,0	8,5	11,0	13,5	16,5
Standard input (heating)	W	1120	1520	1850	2500	3100	3680
INDOOR UNIT		42QTD012D8S-1	42QTD018D8S-2	42QSS024D8S	42QTD030D8S	42QTD036D8S	42QTD042D8S
Sound power level	dB(A)	57	58	59	64	65	66
Sound pressure level (high/med/low/silence)	dB(A)	41.0/36.0/33.0/25.5	43.0/39.5/35.5/29.0	45.5/42.5/39.5/27.0	49.5/47.0/44.0/38.5	50.0/47.5/44.5/39.0	51.0/48.5/46.0/38.0
Air flow (high/med/low)	m ³ /h	620/510/420	720/620/500	1300/1140/1000	1720/1550/1400	1700/1550/1380	1900/1750/1600
Weight (Body)	kg	16.3	16.0	21.6	24.6	27.2	29.3
Weight (Panel)	kg	2.5	2.5	6.0	6.0	6.0	6.0
Dimensions (WxDxH) (Body)	mm	570x570x260	570x570x260	830x830x205	830x830x245	830x830x245	830x830x287
Dimensions (WxDxH) (Panel)	mm	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55
OUTDOOR UNIT		38QUS012D8S-1	38QUS018D8S-1	38QUS024D8S	38QUS030D8S	38QUS036D8S	38QUS042D8S
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	0.72	1.15	1.50	2.0	2.40	2.80
Sound power level	dB(A)	58.78	61	66	68.83	68.09	69.77
Sound pressure level	dB(A)	54	57	60	61.5	63	63
Air flow	m ³ /h	2200	2100	3500	3800	4000	4000
Weight	kg	26.6	32.5	43.9	52.8	66.9	71.0
Dimensions (WxDxH)	mm	765X303X555	805X330X554	890x342x673	946x410x810	946x410x810	946x410x810
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

		42QTD036D8S	42QTD048D8S	42QTD060D8S
		38QUS036D8T	38QUS048D8T	38QUS060D8T
Cooling capacity	kW	10.50 (4.00~10.70)	14.00 (3.52~15.83)	15.00 (5.20~16.70)
Heating capacity	kW	11.00 (2.90~14.10)	16.00 (4.10~17.29)	18.00 (4.30~19.30)
Heating capacity at -7°C	kW	8,9	12,5	13,5
Heating capacity at -10°C	kW	7,6	10,5	11,5
Heating capacity at -15°C	kW	7,00	10,3	11
SEER/SCOP (average)/SCOP (warmer)	W/W	6.4 / 4.0 / 5.1	6.1 / 4.0 / 5.1	6.3 / 4.0 / 5.2
Energy label		A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++
Yearly energy consumption	kWh	574 / 2800 / 2772	803 / 3780 / 3294	833 / 4130 / 3365
EER/COP	W/W	2.59 / 3.61	3.01 / 3.49	2.97 / 3.21
Standard current (cooling)	A	6,5	8,5	9
Standard input (cooling)	W	4050	4650	5050
Standard current (heating)	A	5,5	8	10
Standard input (heating)	W	3050	4580	5600

INDOOR UNIT

		42QTD036D8S	42QTD048D8S	42QTD060D8S
Sound power level	dB(A)	65	66	67
Sound pressure level (high/med/low/silence)	dB(A)	50.0/47.5/44.5/39.0	51.0/48.5/46.5/37.5	53.0/50.5/48.0/40.0
Air flow (high/med/low)	m ³ /h	1700/1550/1380	1970/1780/1580	2000/1850/1650
Weight (Body)	kg	27.2	29.3	29.3
Weight (Panel)	kg	6.0	6.0	6.0
Dimensions (WxDxH) (Body)	mm	830x830x245	830x830x287	830x830x287
Dimensions (WxDxH) (Panel)	mm	950x950x55	950x950x55	950x950x55

OUTDOOR UNIT

		38QUS036D8T	38QUS048D8T	38QUS060D8T
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	2.40	2.90	3.00
Sound power level	dB(A)	68.25	71.44	72.12
Sound pressure level	dB(A)	63	63,5	64
Air flow	m ³ /h	4000	7500	7500
Weight	kg	80.5	103.7	107.0
Dimensions (WxDxH)	mm	946x410x810	952x415x1333	952x415x1333
Voltage/Hz/Ph		380~415V / 50Hz / 3Ph		

Notes:

* Sound data @ cooling mode

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

* Preliminary Data

