

TECHNICAL SPECIFICATIONS*

Model IDU		42QTD012DSA	42QTD018DSA	42QTD024DSA	42QTD036DSA	42QTD048DSA	42QTD060DSA
Model CDU		38QUS012DSA	38QUS018DSA	38QUS024DSE	38QUS036DSE	38QUS048DTE	38QUS060DTE
Nominal	BTU	12.000	18.000	24.000	36.000	48.000	60.000
Cooling mode							
Capacity	kW	3,5	5,2	6,8	10,3	12,2	13,0
Capacity range (min-max)	kW	1,0~3,7	2,1~5,5	2,5~7,0	5,3~12,0	7,7~14,2	7,5~15,8
Power consumption	kW	1,15	1,84	2,45	4,35	4,20	4,70
EER	W/W	3,1	2,9	2,8	2,4	3,0	2,8
SEER	W/W	5,8	5,9	6,0	6,0	/	/
Energy class		A+	A+	A+	A+	/	/
Seasonal energy consumption	kWh	211	308	397	601	2100	2350

Heating mode							
Capacity	kW	3,6	5,4	6,8	11,5	14,5	17,0
Capacity range (min-max)	kW	1,0~4,1	2,0~6,0	2,4~7,0	5,7~14,0	7,5~18,0	7,4~20,2
Power consumption	kW	1,30	1,65	2,20	3,20	4,80	5,70
COP	W/W	2,8	3,3	3,1	3,5	3,2	2,9
SCOP (average)	W/W	3,8	3,8	3,8	3,8	/	/
SCOP (warmer)	W/W	5,1	5,1	4,6	4,9	/	/
Energy class (average)		A	A	A	A	/	/
Energy class (warmer)		A+++	A+++	A++	A++	/	/
Seasonal energy consumption (average)	kWh	995	1511	1879	3795	2400	2850
Seasonal energy consumption (warmer)	kWh	851	1235	2161	3000	/	/

INDOOR UNIT		42QTD012DSA	42QTD018DSA	42QTD024DSA	42QTD036DSA	42QTD048DSA	42QTD060DSA
Air flow (H/M/L)	m ³ /h	650/530/450	650/530/450	1450/1250/1100	1700/1460/1300	1850/1600/1400	1850/1600/1400
Sound power level	dB(A)	57	58	58	64	64	67
Sound pressure level (H/M/L)	dB(A)	46/42/38	46/42/38	49/46/44	53/48/44	52/49/46	53/50/47
Weight (Net)	kg	16,0	16,5	24,0	25,5	29,0	31,0
Panel weight (Net)	kg	2,5	2,5	5,0	5,0	5,0	5,0
Dimensions (WxDxH)	mm	570x570x260	570x570x260	840x840x245	840x840x245	840x840x287	840x840x287
Panel dimensions (WxDxH)	mm	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55

OUTDOOR UNIT		38QUS012DSA	38QUS018DSA	38QUS024DSE	38QUS036DSE	38QUS048DTE	38QUS060DTE
Airflow	m ³ /h	2000	2000	2500	4300	6800	6800
Sound pressure level	dB(A)	54	58	61	63	63	63
Sound power level	dB(A)	62	63	68	69	74	74
Operating range (cooling/heating)	°C	-10~46 / -15~24					
Dimensions (WxDxH)	mm	810x310x558	810x310x558	845x320x700	945x395x810	938x392x1369	938x392x1369
Weight (Net)	kg	30,5	37,0	47,0	72,0	103,0	103,0
Flare connections (Liquid side - Gas side)	inch	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	25	25	30	30	30
Max height difference	m	8	10	10	10	15	15
Additional charge	m	15	15	30	30	30	30
Power supply	V-Ph-Hz	220/240-1 -50	220/240-1 -50	220/240-1 -50	220/240-1 -50	380/415-3 -50	380/415-3 -50

Note:

Cooling Capacities are based on 27°C (DB) / 19°C (WB) indoor air temperature and 35°C (DB) / 24°C (WB) outdoor air temperature.

Heating Capacities are based on 20°C (DB) / 15°C (WB) indoor air temperature and 7°C (DB) / 6°C (WB) outdoor air temperature.

The sound pressure level is given at 1m distance from outdoor units and 1,5m distance from indoor units.

H/M/L = High/Medium/Low speed

WxDxH = Width x Depth x Height

*Preliminary data

