

# TECHNICAL SPECIFICATIONS\*

Model IDU		42QZL018DSA	42QZL024DSA	42QZL036DSA	42QZL048DSA	42QZL060DSA
Model CDU		38QUS018DSA	38QUS024DSE	38QUS036DSE	38QUS048DTE	38QUS060DTE
Nominal	BTU	18.000	24.000	36.000	48.000	60.000
<b>Cooling mode</b>						
Capacity	kW	5,2	6,8	10,3	12,2	13,0
Capacity range (min-max)	kW	2,1~5,5	2,5~7,0	5,3~12,0	7,7~14,2	7,5~15,8
Power consumption	kW	1,84	2,45	4,35	4,20	4,70
EER	W/W	2,9	2,8	2,4	3,0	2,8
SEER	W/W	5,9	6,0	6,0	/	/
Energy class		A+	A+	A+	/	/
Seasonal energy consumption	kWh	308	397	601	2100	2350

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

INDOOR UNIT		42QZL018DSA	42QZL024DSA	42QZL036DSA	42QZL048DSA	42QZL060DSA
Air flow (H/M/L)	m <sup>3</sup> /h	950/850/750	1200/1050/850	2100/1800/1400	2100/1800/1400	2250/1900/1550
Sound power level	dB(A)	58	63	64	65	67
Sound pressure level (H/M/L)	dB(A)	46/43/39	52/50/45	54/51/45	54/50/45	55/50/45
Weight (Net)	kg	26.5	26.5	40	40	42
Dimensions (WxDxH)	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235

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

