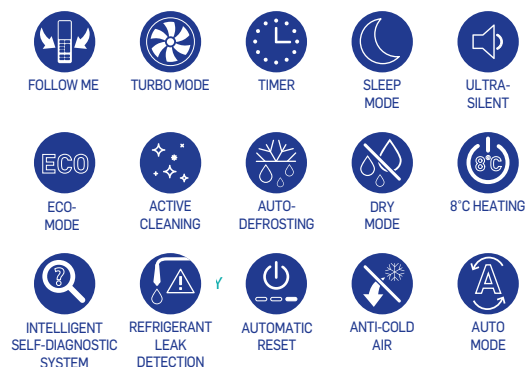


MONO-SPLIT DUCT - R-32 - 38QUS / 42QSS



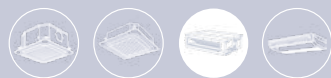
MONO-SPLIT DUCT 38QUS / 42QSS

- **Slim profile**
- **Easy installation and maintenance**
- **Dry contact available for remote control:** zoning plenum to cut off the unit if all its motorized dampers are completely closed or operation conditioned to the correct closing of a window
- Integrated **drain pump**, easy to access and connect, with a maximum lifting height of 750 mm
- **Automatic static pressure** control, maximum static pressure of 160 Pa
- **Alarm report** possible on a fault signaled by the PCB
- **Air intake** easily modified on site to obtain an air intake under the unit, delivered with a rear intake
- **Infrared remote controller as standard**
- **Compatible with Mono and Multi-split system, and Twin systems**



Accessories





Specifications 42QSS Duct 1-PHASE



COOLING



HEATING

		1 phase					
DUCT SYSTEM		SIZE 12	SIZE 18	SIZE 24	SIZE 30	SIZE 36	SIZE 42
Cooling capacity	KW	3.50(0.53-3.99)	5.40(2.55-5.86)	7.10(3.28-8.16)	8.75(2.23-9.85)	10.50(2.75-11.14)	12.00(2.93-12.31)
Heating capacity	kW	4.40(1.00-4.39)	5.80(2.20-6.15)	7.45(2.81-8.49)	9.30(2.70-10.02)	12.10(2.78-12.78)	13.50(3.37-14.07)
Heating capacity at -7, -10, -15°C	kW	3,00 - 2,70 - 2,50	4,45 - 3,75 - 3,30	6,10 - 5,50 - 4,80	6,45 - 6,00 - 5,30	9,10 - 8,10 - 7,80	9,60 - 8,80 - 8,10
Pdesign capacity cooling	kW	3,50	5,40	7,10	8,75	10,50	12,00
Pdesign capacity heating (average)	kW	2,70	4,30	5,40	8,00	8,40	9,30
Pdesign capacity heating (warmer)	kW	3,40	5,30	5,80	8,20	9,80	10,20
SEER/SCOP(average)/SCOP(warmer)	W/W	6.3 / 4.0 / 5.1	6.6 / 4.0 / 5.1	6.2 / 4.0 / 5.2	6.8 / 4.0 / 5.7	6.3 / 4.0 / 5.3	6.2 / 4.0 / 5.6
Energy label	-	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++
Yearly energy consumption	kWh	194 / 945 / 933	286 / 1505 / 1455	401 / 1890 / 1561	450 / 2800 / 2014	583 / 2940 / 2589	677 / 3255 / 2550
EER/COP	W/W	3.27 / 3.78	3.48 / 3.82	3.15 / 4.14	3.43 / 4.04	2.63 / 3.69	2.86 / 3.91
Standard current (cooling)	A	4,8	6,8	10,0	11,5	17,5	18,5
Standard input (cooling)	W	1070	1550	2250	2550	4000	4200
Standard current (heating)	A	5,30	6,7	8,0	10,0	14,5	15,0
Standard input (heating)	W	1165	1520	1800	2300	3280	3450
OUTDOOR UNIT		38QUS012D8S-1	38QUS018D8S-1	38QUS024D8S	38QUS030D8S	38QUS036D8S	38QUS042D8S
Temperature range cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50
Temperature range heating	°C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24
Voltage/Hz/Ph	-	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph
Rated current	A	9,0	13,5	19,0	20,0	22,5	22,5
Rated input	W	1850	2950	3700	4500	5000	5000
Refrigerant amount (R-32)	kg/TCO2	0.72/0.486	1.15/0.776	1.50/1.012	2.0/1.350	2.40/1.620	2.80/1.890
Liquid side/Gas side	mm(inch)	Ø6.35 / Ø9.52 (1/4" / 3/8")	Ø6.35 / Ø12.7 (1/4" / 1/2")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (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
Sound power level	dB(A)	62	67	69	72	72	75
Sound pressure level	dB(A)	54	59	60	63	63	63
Airflow	m³/h	2200	2100	3500	3800	4000	4000
Weight (Net/Gross)	kg	26.6/29.0	32.5/35.2	43.9/46.9	52.8/57.3	66.9 / 71.5	71.0/75.0
Dimensions (W×D×H)	mm	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810	946x410x810
Packing (W×D×H)	mm	887x337x610	915x370x615	995x398x740	1090x500x885	1090x500x885	1090x500x885
INDOOR UNIT		42QSS012D8S-1	42QSS018D8S-1	42QSS024D8S	42QSS030D8S	42QSS036D8S	42QSS042D8S
Indoor fan motor input	W	130	200	200	420	420	560
Indoor fan motor max current	A	1,11	1,65	1,65	2,45	2,45	4,10
Sound power level	dB(A)	58	58	62	64	62	67
Sound pressure level (high/med/low)	dB(A)	34.5/32.0/30.0	42.0/39.0/35.0	49.0/46.0/41.0	50.5/48.0/46.0	50.0/48.0/46.0	51.5/49.0/48.0
Air flow (high/med/low)	m³/h	600/480/300	910/710/515	1230/1035/825	2100/1800/1500	2100/1800/1500	2400 / 2040 / 1680
External static pressure	Pa	0-60	0-100	0-160	0-160	0-160	0-160
Weight (Net/Gross)(Body)	kg	17.8/21.5	24.4/29.6	32.3/39.1	40.5/48.3	40.5/48.2	47.6 / 55.8
Weight (Net/Gross)(Panel)	kg	/	/	-	-	/	-
Dimensions (W×D×H)(Body)	mm	700×506×200	880x674x210	1100x774x249	1360×774×249	1360x774x249	1200×874×300
Packing (W×D×H)(Body)	mm	860×540×285	1070x725x280	1305x805x315	1570×805×330	1570x805x330	1405×915×365
Dimensions (W×D×H)(Panel)	mm	/	/	-	-	/	-
Packing (W×D×H)(Panel)	mm	/	/	-	-	/	-

Note
* Sound data @ cooling mode

ACCESSORIES	CODE
Infrared controller	RG67G
KJR-120X controller	KJR120X

ACCESSORIES	CODE
CCM09 controller	CCM09

MONO-SPLIT DUCT - R-32 - 38QUS / 42QSS

Specifications 42QSS Duct 3-PHASE



DUCT SYSTEM		3 phases		
		SIZE 36	SIZE 48	SIZE 60
Cooling capacity	KW	10.60(2.73~11.78)	14.10(3.52~15.53)	15.40(4.10~17.30)
Heating capacity	kW	12.10(2.78~12.84)	15.50(4.10~18.17)	18.30(4.40~20.50)
Heating capacity at -7, -10, -15°C	kW	9,10 - 7,60 - 7,00	12,80 - 11,45 - 10,80	13,20 - 12,00 - 11,70
Pdesign capacity cooling	kW	10,60	14,10	15,40
Pdesign capacity heating (average)	kW	8,80	11,70	12,70
Pdesign capacity heating (warmer)	kW	10,00	11,50	12,80
SEER/SCOP(average)/SCOP(warmer)	W/W	6.1 / 4.0 / 5.1	6.1 / 4.0 / 5.0	6.1 / 4.0 / 5.2
Energy label	-	A++ / A+ / A+++	A++ / A+ / A++	A++ / A+ / A+++
Yearly energy consumption	kWh	608 / 3080 / 2745	809 / 4095 / 3220	884 / 4445 / 3446
EER/COP	W/W	2.62 / 3.67	2.79 / 3.44	2.93 / 3.52
Standard current (cooling)	A	6,5	8,5	9,6
Standard input (cooling)	W	4050	5050	5250
Standard current (heating)	A	5,8	8,0	9,5
Standard input (heating)	W	3300	4500	5200
OUTDOOR UNIT		38QUS036D8T	38QUS048D8T	38QUS060D8T
Temperature range cooling	°C	-15~50	-15~50	-15~50
Temperature range heating	°C	-15~24	-15~24	-15~24
Voltage/Hz/Ph	-	380~415V / 50Hz / 3Ph	380~415V / 50Hz / 3Ph	380~415V / 50Hz / 3Ph
Rated current	A	10,0	13,0	14,0
Rated input	W	5000	6900	7500
Refrigerant amount (R-32)	kg/TCO2	2.40/1.620	2.90/1.958	3.00/2.025
Liquid side/Gas side	mm(inch)	Ø9.52/Ø15.9 (3/8"/5/8")	Ø9.52/Ø15.9 (3/8"/5/8")	Ø9.52/Ø15.9 (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
Sound power level	dB(A)	71	75	75
Sound pressure level	dB(A)	63	63,5	64
Airflow	m³/h	4000	7500	7500
Weight (Net/Gross)	kg	80.5 / 85.0	103.7/118.3	107.0/121.2
Dimensions (W×D×H)	mm	946×410×810	952×415×1333	952×415×1333
Packing (W×D×H)	mm	1090×500×885	1095×495×1480	1095×495×1480
INDOOR UNIT		42QSS036D8S	42QSS048D8S	42QSS060D8S
Indoor fan motor input	W	420	560	560
Indoor fan motor max current	A	2,45	4,10	4,10
Sound power level	dB(A)	62	67	67
Sound pressure level (high/med/low)	dB(A)	50.5/49.0/47.0	51.5/49.0/47.0	52.5/49.0/47.0
Air flow (high/med/low)	m³/h	2100/1800/1500	2400 / 2040 / 1680	2600 / 2210 / 1820
External static pressure	Pa	0~160	0~160	0~160
Weight (Net/Gross)(Body)	kg	40.5/48.2	47.6 / 55.8	47.4 / 56.1
Weight (Net/Gross)(Panel)	kg	/	/	-
Dimensions (W×D×H)(Body)	mm	1360×774×249	1200×874×300	1200×874×300
Packing (W×D×H)(Body)	mm	1570×805×330	1405×915×365	1405×915×365
Dimensions (W×D×H)(Panel)	mm	/	/	-
Packing (W×D×H)(Panel)	mm	/	/	-

Note
* Sound data @ cooling mode

