

INVERTER MULTI SYSTEMS 38QUS*-1

Ultimate cooling and heating comfort with the maximum flexibility



CHARACTERISTICS

DC Inverter technology with twin rotary compressor and DC fan motor for quieter and economical operation.

One outdoor unit can serve up to 5 indoor units for all possible indoor models combination.

Individual control of the indoor units.

Light weight and compact.

Wide operation range.

Long piping design for wide choice of installation sites.

Intelligent anti-cold-air function.

Low ambient operation kit.



OUTDOOR UNIT (1 TO 2)		38QUS018DS2-1			
IDUS COMBINATION FOR RATING		42QHC009DS (X2)	42QTD009DS-1 (X2)	42QZA009DS-1 (X2)	42QSS009DS-1 (X2)
Cooling capacity	kW	5	5,3	5,2	5,3
Heating capacity	kW	5,9	5,6	5,9	6,1
SEER/SCOP (average)	W/W	6.52 / 3.80	6.62 / 3.91	5.65 / 3.80	5.74 / 3.80
Energy label		A++ / A	A++ / A	A+ / A	A+ / A
Yearly energy consumption	kWh	268 / 1791	280 / 1780	322 / 1916	323 / 1791
Standard current (cooling)	A	7,7	7,6	8,4	7,4
Standard input (cooling)	W	1710	1720	1890	1650
Standard current (heating)	A	7,2	7,4	7,7	7,2
Standard input (heating)	W	1580	1655	1730	1610
Outdoor air flow	m ³ /h	2700			
Outdoor sound pressure level	dB(A)	59,5			
Outdoor sound power level	dB(A)	66			
Dimension (W*D*H)	mm	845x363x702			
Net/Gross weight	kg	48.5/52			
GWP		2088			
Refrigerant charge amount, R410A	kg	1,9			
Refrigerant piping (Liquid side/Gas side)	inch	2 x 1/4"/3/8"			
Max. length for all rooms	m	40			
Max. length for one indoor unit	m	25			
Max. height difference between IDU and CDU	m	15			
Max. height difference between indoor units	m	10			
Temp range cooling	°C	-10-46			
Temp range heating	°C	-15-24			
Power supply	V-ph-Hz	220-240V~, 50/60Hz, 1Ph			

OUTDOOR UNIT (1 TO 3)		38QUS027DS3-1			
IDUS COMBINATION FOR RATING		42QHC009DS (X3)	42QTD009DS-1 (X3)	42QZA009DS-1 (X3)	42QSS009DS-1 (X3)
Cooling capacity	kW	7,92	7,92	7,92	7,92
Heating capacity	kW	8,60	8,20	8,20	8,20
SEER/SCOP (average)	W/W	6.40 / 4.00	6.10 / 4.00	6.10 / 4.00	5.90 / 3.80
Energy label		A++ / A+	A++ / A+	A++ / A+	A+ / A
Yearly energy consumption	kWh	433 / 2380	454 / 2030	454 / 1995	470 / 2432
Standard current (cooling)	A	11,8	11,4	10,8	10,7
Standard input (cooling)	W	2690	2600	2450	2420
Standard current (heating)	A	10,3	10,4	10	9,8
Standard input (heating)	W	2340	2350	2280	2230
Outdoor air flow	m ³ /h	2700			
Outdoor sound pressure level	dB(A)	61			
Outdoor sound power level	dB(A)	68			
Dimension (W*D*H)	mm	845x363x702			
Net/Gross weight	kg	52.5/56			
GWP		2088			
Refrigerant charge amount, R410A	kg	2,1			
Refrigerant piping (Liquid side/Gas side)	inch	3 x 1/4"/3/8"			
Max. length for all rooms	m	60			
Max. length for one indoor unit	m	30			
Max. height difference between IDU and CDU	m	15			
Max. height difference between indoor units	m	10			
Temp range cooling	°C	-10-46			
Temp range heating	°C	-15-24			
Power supply	V-ph-Hz	220-240V~, 50/60Hz, 1Ph			

OUTDOOR UNITS TECHNICAL CHARACTERISTICS

OUTDOOR UNIT (1 TO 4)		38QUS036DS4-1			
IDUS COMBINATION FOR RATING		42QHC009DS (X4)	42QTD009DS-1 (X4)	42QZA009DS-1 (X4)	42QSS009DS-1 (X4)
Cooling capacity	kW	10,6	10,6	10,6	10,6
Heating capacity	kW	12,0	11,2	11,2	11,2
SEER/SCOP (average)	W/W	6.30 / 3.80	5.90 / 3.80	5.80 / 3.80	6.90 / 3.80
Energy label		A++ / A	A+ / A	A+ / A	A++ / A
Yearly energy consumption	kWh	586 / 3537	626 / 3426	640 / 3353	535 / 3426
Standard current (cooling)	A	17,1	17,6	16,9	15,9
Standard input (cooling)	W	3880	4010	3850	3600
Standard current (heating)	A	17	14,2	13,8	13,9
Standard input (heating)	W	3840	3200	3100	3150
Outdoor air flow	m ³ /h	4000			
Outdoor sound pressure level	dB(A)	63			
Outdoor sound power level	dB(A)	68			
Dimension (W*D*H)	mm	946x410x810			
Net/Gross weight	kg	70/75			
GWP		2088			
Refrigerant charge amount, R410A	kg	3			
Refrigerant piping (Liquid side/Gas side)	inch	3 x 1/4"/3/8" + 1 x 1/4"/1/2"			
Max. length for all rooms	m	80			
Max. length for one indoor unit	m	35			
Max. height difference between IDU and CDU	m	15			
Max. height difference between indoor units	m	10			
Temp range cooling	°C	-10-46			
Temp range heating	°C	-15-24			
Power supply	V-ph-Hz	220-240V~, 50/60Hz, 1Ph			

OUTDOOR UNIT (1 TO 5)		38QUS042DS5-1			
IDUS COMBINATION FOR RATING		42QHC009DS (X5)	42QTD009DS-1 (X5)	42QZA009DS-1 (X5)	42QSS009DS-1 (X5)
Cooling capacity	kW	12,3	12,3	12,3	12,3
Heating capacity	kW	12,6	12,5	12,5	12,6
SEER/SCOP (average)	W/W	6.60 / 3.80	5.60 / 3.80	5.80 / 3.80	6.40 / 3.50
Energy label		A++ / A	A+ / A	A+ / A	A++ / A
Yearly energy consumption	kWh	653 / 3611	769 / 3537	742 / 3463	673 / 3880
Standard current (cooling)	A	17,2	19,8	17,8	16,8
Standard input (cooling)	W	3900	4500	4000	3820
Standard current (heating)	A	15,2	16	15,5	14,6
Standard input (heating)	W	3465	3600	3500	3320
Outdoor air flow	m ³ /h	4000			
Outdoor sound pressure level	dB(A)	63			
Outdoor sound power level	dB(A)	68			
Dimension (W*D*H)	mm	946x410x810			
Net/Gross weight	kg	76/81			
GWP		2088			
Refrigerant charge amount, R410A	kg	3,6			
Refrigerant piping (Liquid side/Gas side)	inch	4 x 1/4"/3/8" + 1 x 1/4"/1/2"			
Max. length for all rooms	m	80			
Max. length for one indoor unit	m	35			
Max. height difference between IDU and CDU	m	15			
Max. height difference between indoor units	m	10			
Temp range cooling	°C	-10-46			
Temp range heating	°C	-15-24			
Power supply	V-ph-Hz	220-240V~, 50/60Hz, 1Ph			

HI-WALL



		42QHC009DS	42QHC012DS	42QHC018DS	42QHC024DS
Cooling capacity	kW	2,70	3,52	5,28	6,40
Heating capacity	kW	2,90	3,80	5,50	7,00
Sound power level	dB(A)	53	54	57	63
Sound pressure level (high/med/low/silence)	dB(A)	38/34/30/21	40/35/31/22	42/37/35/24	47/42/38/26
Air flow (high/med/low/silence)	m ³ /h	460/380/280/190	500/390/300/200	760/550/460/260	1150/890/770/420
Weight (net/gross)	kg	8.0 / 10.5	9.0 / 12.0	11.5 / 16.5	13.5 / 18.5
Dimensions (WxDxH)	mm	730x192x291	812x192x300	973x218x319	1082x225x338
Refrigerant piping (Liquid side/Gas side)	inch	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	3/8"/5/8"
Power supply	V-ph-Hz	220-240V~, 50/60Hz, 1Ph	220-240V~, 50/60Hz, 1Ph	220-240V~, 50/60Hz, 1Ph	220-240V~, 50/60Hz, 1Ph

CONSOLE



		42QZA009DS-1	42QZA012DS-1	42QZA018DS-1
Cooling capacity	kW	2,64	3,52	4,40
Heating capacity	kW	2,90	3,70	5,40
Sound power level	dB(A)	60	60	60
Sound pressure level (high/med/low)	dB(A)	43/39/34	45/43/38	46/44/42
Air flow (high/med/low)	m ³ /h	460/400/360	530/480/360	530/470/430
Weight (net/gross)	kg	13.5/18.0	15.0/19.5	15.0/19.5
Dimension (W*D*H)	mm	700x600x210	700x600x210	700x600x210
Refrigerant piping (Liquid side/Gas side)	inch	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"
Power supply	V-ph-Hz	220-240V~, 50/60Hz, 1Ph	220-240V~, 50/60Hz, 1Ph	220-240V~, 50/60Hz, 1Ph

CASSETTE



		42QTD009DS-1	42QTD012DS-1	42QTD018DS-1	42QTD024DS-1
Cooling capacity	kW	2,64	3,52	5,00	7,03
Heating capacity	kW	3,00	4,00	5,50	7,03
Sound power level	dB(A)	58	59	60	61
Sound pressure level (high/med/low)	dB(A)	42/39/36	42/39/36	45/42/36	49/46/43
Air flow (high/med/low)	m ³ /h	560/430/390	560/430/390	650/530/370	1350/1200/1070
Weight (net/gross) (Body)	kg	15.0/18.0	16.5/19.0	16.5/19.0	24.5/30.0
Weight (net/gross) (Panel)	kg	2.5/4.5	2.5/4.5	2.5/4.5	5 / 8
Dimensions (WxDxH) (Body)	mm	570x570x260	570x570x260	570x570x260	840x840x245
Dimensions (WxDxH) (Panel)	mm	647x647x50	647x647x50	647x647x50	950x950x55
Refrigerant piping (Liquid side/Gas side)	inch	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	3/8"/5/8"
Power supply	V-ph-Hz	220-240V~, 50/60Hz, 1Ph	220-240V~, 50/60Hz, 1Ph	220-240V~, 50/60Hz, 1Ph	220-240V~, 50/60Hz, 1Ph

DUCTED



		42QSS009DS-1	42QSS012DS-1	42QSS018DS-1	42QSS024DS-1
Cooling capacity	kW	2,65	3,52	5,00	7,03
Heating capacity	kW	3,25	3,80	5,40	7,40
Sound power level	dB(A)	60	60	60	61
Sound pressure level (high/med/low)	dB(A)	42/38/35	42/38/35	42/40/38	43/40/38
Air flow (high/med/low)	m ³ /h	540/500/370	540/500/370	790/660/490	1120/900/420
Weight (net/gross)	kg	18.5/23.0	18.5/23.0	23.0/29.0	30.2/37.3
Dimensions (WxDxH)	mm	700x635x210	700x635x210	880x674x210	1100x774x249
Refrigerant piping (Liquid side/Gas side)	inch	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	3/8"/5/8"
Power supply	V-ph-Hz	220-240V~, 50/60Hz, 1Ph	220-240V~, 50/60Hz, 1Ph	220-240V~, 50/60Hz, 1Ph	220-240V~, 50/60Hz, 1Ph

COOLING

38QUS018DS2-1	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)		RATED CAPACITY (KW)(NOM. COOLING)		TOTAL COOLING CAPACITY (KW)			TOTAL POWER INPUT (KW)		
		UNIT A	UNIT B	UNIT A	UNIT B	MIN.	RATED	MAX.	MIN.	RATED	MAX.
1x1	9	9	-	2,70	-	1,13	2,70	3,38	0,36	0,91	1,18
	12	12	-	3,46	-	1,45	3,46	4,33	0,46	1,18	1,53
	18	18	-	5,15	-	2,16	5,15	6,44	0,70	1,77	2,30
1x2	9+9	9	9	2,65	2,65	2,23	5,30	5,83	0,69	1,76	2,00
	9+12	9	12	2,47	2,99	2,29	5,46	5,90	0,70	1,78	1,99
	9+18	9	18	2,38	3,20	2,34	5,58	6,03	0,70	1,77	1,98
	12+12	12	12	2,76	2,76	2,32	5,52	5,96	0,70	1,78	1,99

HEATING

38QUS018DS2-1	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)		RATED CAPACITY (KW)(NOM. HEATING)		TOTAL HEATING CAPACITY (KW)			TOTAL POWER INPUT (KW)		
		UNIT A	UNIT B	UNIT A	UNIT B	MIN.	RATED	MAX.	MIN.	RATED	MAX.
1x1	9	9	-	2,92	-	1,23	2,92	3,36	0,32	0,80	0,95
	12	12	-	3,75	-	1,58	3,75	4,16	0,41	1,04	1,19
	18	18	-	5,40	-	2,27	5,40	5,99	0,60	1,52	1,73
1x2	9+9	9	9	2,78	2,78	2,34	5,57	6,01	0,60	1,50	1,67
	9+12	9	12	2,71	2,98	2,39	5,68	6,08	0,62	1,55	1,70
	9+18	9	18	2,50	3,37	2,46	5,86	6,21	0,65	1,63	1,78
	12+12	12	12	2,90	2,90	2,44	5,80	6,09	0,64	1,60	1,72

COOLING

38QUS027DS3-1	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)			RATED CAPACITY (KW)(NOM. COOLING)			TOTAL COOLING CAPACITY (KW)			TOTAL POWER INPUT (KW)		
		UNIT A	UNIT B	UNIT C	UNIT A	UNIT B	UNIT C	MIN.	RATED	MAX.	MIN.	RATED	MAX.
1x1	9	9	-	-	2,77	-	-	1,16	2,77	3,46	0,59	0,98	1,27
	12	12	-	-	3,46	-	-	1,45	3,46	4,33	0,65	1,24	1,60
	18	18	-	-	5,35	-	-	2,25	5,35	6,69	0,77	1,92	2,50
1x2	9+9	9	9	-	2,60	2,60	-	2,18	5,20	6,76	0,70	1,67	2,24
	9+12	9	12	-	2,57	3,43	-	2,52	6,00	7,50	0,82	1,95	2,52
	9+18	9	18	-	2,50	5,00	-	3,15	7,50	8,25	1,04	2,48	2,83
	12+12	12	12	-	3,23	3,23	-	2,71	6,45	7,80	0,89	2,11	2,64
	12+18	12	18	-	3,08	4,62	-	3,23	7,70	8,30	1,10	2,61	2,91
	18+18	18	18	-	4,03	4,03	-	3,39	8,06	8,35	1,06	2,52	2,69
	18+18	18	18	-	4,03	4,03	-	3,39	8,06	8,35	1,06	2,52	2,69
1x3	9+9+9	9	9	9	2,64	2,64	2,64	3,32	7,91	8,31	1,03	2,46	2,67
	9+9+12	9	9	12	2,39	2,39	3,18	3,34	7,95	8,35	1,03	2,45	2,65
	9+9+18	9	9	18	2,32	2,32	3,56	3,44	8,20	8,46	1,06	2,52	2,68
	9+12+12	9	12	12	2,25	2,90	2,90	3,38	8,05	8,37	1,02	2,44	2,62
	9+12+18	9	12	18	2,18	2,80	3,27	3,47	8,25	8,46	1,04	2,48	2,66
	12+12+12	12	12	12	2,74	2,74	2,74	3,45	8,21	8,46	1,05	2,50	2,66

HEATING

38QUS027DS3-1	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)			RATED CAPACITY (KW)(NOM. HEATING)			TOTAL HEATING CAPACITY (KW)			TOTAL POWER INPUT (KW)		
		UNIT A	UNIT B	UNIT C	UNIT A	UNIT B	UNIT C	MIN.	RATED	MAX.	MIN.	RATED	MAX.
1x1	9	9	-	-	2,92	-	-	1,23	2,92	3,74	0,55	0,99	1,32
	12	12	-	-	3,75	-	-	1,58	3,75	4,80	0,58	1,29	1,56
	18	18	-	-	5,40	-	-	2,27	5,40	6,90	0,76	1,89	2,27
1x2	9+9	9	9	-	3,24	3,24	-	2,72	6,48	7,15	0,80	1,99	2,51
	9+12	9	12	-	3,24	4,31	-	3,17	7,55	7,76	0,94	2,34	2,55
	9+18	9	18	-	2,72	5,43	-	3,42	8,15	8,42	1,03	2,56	2,68
	12+12	12	12	-	3,90	3,90	-	3,28	7,80	8,13	0,98	2,44	2,60
	12+18	12	18	-	3,32	4,98	-	3,49	8,30	8,60	1,05	2,63	2,68
	18+18	18	18	-	4,30	4,30	-	3,61	8,60	8,88	1,05	2,62	2,68
	18+18	18	18	-	4,30	4,30	-	3,61	8,60	8,88	1,05	2,62	2,68
1x3	9+9+9	9	9	9	2,74	2,74	2,74	3,45	8,21	8,54	0,91	2,27	2,68
	9+9+12	9	9	12	2,51	2,51	3,35	3,52	8,37	8,71	0,92	2,29	2,68
	9+9+18	9	9	18	2,42	2,42	3,81	3,63	8,65	8,91	0,96	2,39	2,68
	9+12+12	9	12	12	2,35	2,35	3,92	3,62	8,62	8,88	0,94	2,36	2,68
	9+12+18	9	12	18	2,28	2,32	4,30	3,74	8,90	9,10	1,01	2,53	2,68
	12+12+12	12	12	12	2,96	2,96	2,96	3,72	8,87	9,04	0,99	2,48	2,68

MULTI DC INVERTER COMBINATION AND CAPACITY

COOLING

38QU5036DS4-1	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)				RATED CAPACITY (KW)(NOM. COOLING)				TOTAL COOLING CAPACITY (KW)			TOTAL POWER INPUT (KW)		
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	MIN.	RATED	MAX.	MIN.	RATED	MAX.
1x1	9	9	-	-	-	2,70	-	-	-	1,11	2,70	3,27	0,78	1,17	1,49
	12	12	-	-	-	3,46	-	-	-	1,42	3,46	4,19	0,99	1,57	2,00
	18	18	-	-	-	5,84	-	-	-	2,39	5,84	7,07	1,64	2,72	3,45
	24	24	-	-	-	7,40	-	-	-	3,11	7,40	8,50	1,78	3,49	4,21
1x2	9+9	9	9	-	-	2,92	2,92	-	-	2,39	5,84	7,07	0,98	2,43	3,07
	9+12	9	12	-	-	2,62	3,22	-	-	2,39	5,84	7,07	0,98	2,51	3,17
	9+18	9	18	-	-	2,68	5,47	-	-	3,34	8,15	9,86	1,25	3,57	4,52
	9+24	9	24	-	-	2,60	7,10	-	-	3,98	9,70	11,64	1,57	4,35	5,46
	12+12	12	12	-	-	3,14	3,14	-	-	2,57	6,28	7,60	1,03	2,73	3,45
	12+18	12	18	-	-	3,07	5,08	-	-	3,34	8,15	9,86	1,25	3,64	4,61
	12+24	12	24	-	-	2,96	7,24	-	-	4,18	10,20	12,24	1,85	4,64	5,83
	18+18	18	18	-	-	5,25	4,85	-	-	4,31	10,10	12,71	1,45	4,59	6,05
1x3	9+9+9	9	9	9	-	2,72	2,72	2,72	-	3,34	8,15	9,86	1,25	3,33	4,18
	9+9+12	9	9	12	-	2,62	2,62	2,91	-	3,34	8,15	9,86	1,25	3,41	4,29
	9+9+18	9	9	18	-	2,55	2,55	5,40	-	4,31	10,50	12,71	1,45	4,45	5,60
	9+9+24	9	9	24	-	2,50	2,50	5,80	-	4,43	10,80	12,96	1,68	4,66	5,81
	9+12+12	9	12	12	-	2,82	3,47	3,47	-	4,00	9,75	11,80	1,42	4,06	5,11
	9+12+18	9	12	18	-	2,63	3,20	4,16	-	3,73	9,99	11,00	1,25	4,31	4,93
	9+12+24	9	12	24	-	2,58	3,00	6,22	-	4,84	11,80	13,80	1,55	5,18	6,30
	9+18+18	9	18	18	-	2,33	4,75	4,75	-	4,85	11,84	13,80	1,60	5,33	6,48
	12+12+12	12	12	12	-	3,25	3,25	3,25	-	4,00	9,75	11,80	1,42	4,11	5,18
	12+12+18	12	12	18	-	3,20	3,20	4,65	-	4,53	11,05	13,37	1,54	4,80	6,05
	12+12+24	12	12	24	-	3,00	3,00	5,90	-	4,88	11,90	13,80	1,59	5,29	6,39
	12+18+18	12	18	18	-	2,75	4,55	4,55	-	4,85	11,84	13,80	1,60	5,36	6,51
1x4	9+9+9+9	9	9	9	9	2,64	2,64	2,64	2,64	7,39	10,56	13,73	3,56	3,90	5,24
	9+9+9+12	9	9	9	12	2,50	2,50	2,50	3,50	7,70	11,00	13,80	2,15	4,00	5,19
	9+9+9+18	9	9	9	18	2,50	2,50	2,50	5,00	8,75	12,50	13,80	2,44	4,42	5,04
	9+9+12+12	9	9	12	12	2,50	2,50	3,50	3,50	8,40	12,00	13,80	2,35	4,30	5,11
	9+9+12+18	9	9	12	18	2,30	2,30	3,30	4,90	8,68	12,80	13,80	2,63	4,49	5,00
	9+12+12+12	9	12	12	12	2,30	2,30	3,50	3,50	8,12	11,60	13,80	2,27	4,13	5,07
	9+12+12+18	9	12	12	18	2,30	3,30	3,30	4,50	9,38	13,40	13,80	2,84	4,72	5,02
	12+12+12+12	12	12	12	12	3,30	3,30	3,30	3,30	8,68	13,20	13,80	2,63	4,60	4,96
	12+12+12+18	12	12	12	18	3,10	3,10	3,10	4,10	9,38	13,40	13,80	2,82	4,70	5,00

HEATING

38QU5036DS4-1	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)				RATED CAPACITY (KW)(NOM. HEATING)				TOTAL HEATING CAPACITY (KW)			TOTAL POWER INPUT (KW)		
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	MIN.	RATED	MAX.	MIN.	RATED	MAX.
1x1	9	9	-	-	-	2,70	-	-	-	1,11	2,70	3,27	0,78	1,17	1,49
	12	12	-	-	-	3,46	-	-	-	1,42	3,46	4,19	0,99	1,57	2,00
	18	18	-	-	-	5,84	-	-	-	2,39	5,84	7,07	1,64	2,72	3,45
	24	24	-	-	-	7,40	-	-	-	3,11	7,40	8,50	1,78	3,49	4,21
1x2	9+9	9	9	-	-	2,92	2,92	-	-	2,39	5,84	7,07	0,98	2,43	3,07
	9+12	9	12	-	-	2,62	3,22	-	-	2,39	5,84	7,07	0,98	2,51	3,17
	9+18	9	18	-	-	2,68	5,47	-	-	3,34	8,15	9,86	1,25	3,57	4,52
	9+24	9	24	-	-	2,60	7,10	-	-	3,98	9,70	11,64	1,57	4,35	5,46
	12+12	12	12	-	-	3,14	3,14	-	-	2,57	6,28	7,60	1,03	2,73	3,45
	12+18	12	18	-	-	3,07	5,08	-	-	3,34	8,15	9,86	1,25	3,64	4,61
	12+24	12	24	-	-	2,96	7,24	-	-	4,18	10,20	12,24	1,85	4,64	5,83
	18+18	18	18	-	-	5,25	4,85	-	-	4,31	10,10	12,71	1,45	4,59	6,05
1x3	9+9+9	9	9	9	-	2,72	2,72	2,72	-	3,34	8,15	9,86	1,25	3,33	4,18
	9+9+12	9	9	12	-	2,62	2,62	2,91	-	3,34	8,15	9,86	1,25	3,41	4,29
	9+9+18	9	9	18	-	2,55	2,55	5,40	-	4,31	10,50	12,71	1,45	4,45	5,60
	9+9+24	9	9	24	-	2,50	2,50	5,80	-	4,43	10,80	12,96	1,68	4,66	5,81
	9+12+12	9	12	12	-	2,82	3,47	3,47	-	4,00	9,75	11,80	1,42	4,06	5,11
	9+12+18	9	12	18	-	2,63	3,20	4,16	-	3,73	9,99	11,00	1,25	4,31	4,93
	9+12+24	9	12	24	-	2,58	3,00	6,22	-	4,84	11,80	13,80	1,55	5,18	6,30
	9+18+18	9	18	18	-	2,33	4,75	4,75	-	4,85	11,84	13,80	1,60	5,33	6,48
	12+12+12	12	12	12	-	3,25	3,25	3,25	-	4,00	9,75	11,80	1,42	4,11	5,18
	12+12+18	12	12	18	-	3,20	3,20	4,65	-	4,53	11,05	13,37	1,54	4,80	6,05
	12+12+24	12	12	24	-	3,00	3,00	5,90	-	4,88	11,90	13,80	1,59	5,29	6,39
	12+18+18	12	18	18	-	2,75	4,55	4,55	-	4,85	11,84	13,80	1,60	5,36	6,51
1x4	9+9+9+9	9	9	9	9	2,64	2,64	2,64	2,64	7,39	10,56	13,73	3,56	3,90	5,24
	9+9+9+12	9	9	9	12	2,50	2,50	2,50	3,50	7,70	11,00	13,80	2,15	4,00	5,19
	9+9+9+18	9	9	9	18	2,50	2,50	2,50	5,00	8,75	12,50	13,80	2,44	4,42	5,04
	9+9+12+12	9	9	12	12	2,50	2,50	3,50	3,50	8,40	12,00	13,80	2,35	4,30	5,11
	9+9+12+18	9	9	12	18	2,30	2,30	3,30	4,90	8,68	12,80	13,80	2,63	4,49	5,00
	9+12+12+12	9	12	12	12	2,30	2,30	3,50	3,50	8,12	11,60	13,80	2,27	4,13	5,07
	9+12+12+18	9	12	12	18	2,30	3,30	3,30	4,50	9,38	13,40	13,80	2,84	4,72	5,02
	12+12+12+12	12	12	12	12	3,30	3,30	3,30	3,30	8,68	13,20	13,80	2,63	4,60	4,96
	12+12+12+18	12	12	12	18	3,10	3,10	3,10	4,10	9,38	13,40	13,80	2,82	4,70	5,00



COOLING

38QU5042DS5-1	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)					RATED CAPACITY (KW)(NOM. COOLING)					TOTAL COOLING CAPACITY (KW)			TOTAL POWER INPUT (KW)		
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	MIN.	RATED	MAX.	MIN.	RATED	MAX.
1x1	9	9	-	-	-	-	2,77	-	-	-	-	1,16	2,77	3,32	0,54	0,98	1,22
	12	12	-	-	-	-	3,46	-	-	-	-	1,45	3,46	4,15	0,62	1,24	1,55
	18	18	-	-	-	-	5,35	-	-	-	-	2,25	5,35	6,42	0,78	1,95	2,42
	24	24	-	-	-	-	7,03	-	-	-	-	2,95	7,03	8,44	1,04	2,60	3,24
1x2	9+9	9	9	-	-	-	2,45	2,45	-	-	-	2,06	4,91	5,80	0,67	1,67	2,09
	9+12	9	12	-	-	-	2,40	2,96	-	-	-	2,25	5,36	6,30	0,74	1,85	2,29
	9+18	9	18	-	-	-	2,28	4,66	-	-	-	2,92	6,94	8,05	0,97	2,44	2,98
	9+24	9	24	-	-	-	2,23	6,00	-	-	-	3,45	8,22	9,47	1,17	2,94	3,57
	12+12	12	12	-	-	-	2,91	2,91	-	-	-	2,44	5,81	6,80	0,82	2,05	2,54
	12+18	12	18	-	-	-	2,78	4,61	-	-	-	3,11	7,39	8,55	1,05	2,62	3,20
	12+24	12	24	-	-	-	2,72	5,95	-	-	-	3,64	8,68	9,97	1,25	3,12	3,79
	18+18	18	18	-	-	-	4,49	4,49	-	-	-	3,77	8,98	10,30	1,32	3,30	4,01
1x3	9+9+9	9	9	9	-	-	2,48	2,48	2,48	-	-	3,12	7,43	8,55	1,00	2,49	3,08
	9+9+12	9	9	12	-	-	2,45	2,45	3,01	-	-	3,32	7,91	9,07	1,07	2,66	3,27
	9+9+18	9	9	18	-	-	2,37	2,37	4,84	-	-	4,02	9,58	10,88	1,32	3,30	4,03
	9+9+24	9	9	24	-	-	2,33	2,33	6,27	-	-	4,59	10,94	12,34	1,53	3,84	4,66
	9+12+12	9	12	12	-	-	2,42	2,98	2,98	-	-	3,52	8,39	9,58	1,14	2,84	3,48
	9+12+18	9	12	18	-	-	2,36	2,90	4,80	-	-	4,23	10,06	11,39	1,37	3,43	4,17
	9+12+24	9	12	24	-	-	2,32	2,85	6,24	-	-	4,79	11,41	12,86	1,59	3,98	4,81
	9+18+18	9	18	18	-	-	2,31	4,71	4,71	-	-	4,93	11,73	13,20	1,68	4,19	5,08
	12+12+12	12	12	12	-	-	2,96	2,96	2,96	-	-	3,72	8,87	10,10	1,19	2,98	3,63
	12+12+18	12	12	18	-	-	2,88	2,88	4,77	-	-	4,43	10,54	11,91	1,43	3,57	4,33
	12+12+24	12	12	24	-	-	2,83	2,83	6,19	-	-	4,97	11,84	13,26	1,69	4,23	5,10
	12+18+18	12	18	18	-	-	2,80	4,63	4,63	-	-	5,06	12,06	13,39	1,73	4,34	5,19
1x4	9+9+9+9	9	9	9	9	-	2,47	2,47	2,47	2,47	-	4,15	9,89	11,35	1,29	3,22	4,03
	9+9+9+12	9	9	9	12	-	2,45	2,45	2,45	3,01	-	4,35	10,36	11,89	1,35	3,39	4,23
	9+9+9+18	9	9	9	18	-	2,38	2,38	2,38	4,86	-	5,05	12,02	13,78	1,59	3,97	4,96
	9+9+9+24	9	9	9	24	-	2,26	2,26	2,26	6,09	-	5,40	12,87	14,04	1,77	4,44	5,30
	9+9+12+12	9	9	12	12	-	2,43	2,43	2,99	2,99	-	4,55	10,83	12,43	1,41	3,53	4,41
	9+9+12+18	9	9	12	18	-	2,34	2,34	2,88	4,76	-	5,17	12,32	13,87	1,63	4,08	5,01
	9+9+12+24	9	9	12	24	-	2,22	2,22	2,74	5,99	-	5,53	13,17	14,13	1,83	4,57	5,37
	9+12+12+12	9	12	12	12	-	2,41	2,97	2,97	2,97	-	4,75	11,31	12,97	1,49	3,73	4,66
	9+12+12+18	9	12	12	18	-	2,29	2,82	2,82	4,68	-	5,30	12,62	13,96	1,73	4,32	5,23
	12+12+12+12	12	12	12	12	-	2,94	2,94	2,94	2,94	-	4,95	11,78	13,51	1,57	3,91	4,89
	12+12+12+18	12	12	12	18	-	2,77	2,77	2,77	4,59	-	5,43	12,92	14,05	1,78	4,45	5,30
	1x5	9+9+9+9+9	9	9	9	9	9	2,46	2,46	2,46	2,46	2,46	5,17	12,31	14,40	1,53	3,82
9+9+9+9+12		9	9	9	9	12	2,42	2,42	2,42	2,42	2,98	5,31	12,64	14,44	1,57	3,93	5,12
9+9+9+9+18		9	9	9	9	18	2,29	2,29	2,29	2,29	4,66	5,80	13,81	14,56	1,70	4,25	5,11
9+9+9+12+12		9	9	9	12	12	2,38	2,38	2,38	2,92	2,92	5,45	12,98	14,47	1,59	3,98	5,06
9+9+9+12+18		9	9	9	12	18	2,26	2,26	2,26	2,78	4,60	5,94	14,15	14,60	1,72	4,30	5,05
9+9+12+12+12		9	9	12	12	12	2,34	2,34	2,88	2,88	3,07	5,67	13,50	14,51	1,66	4,14	5,07
9+12+12+12+12		9	12	12	12	12	2,30	2,84	2,84	2,84	2,84	5,73	13,65	14,54	1,66	4,16	5,05
9+12+12+12+18		9	12	12	12	18	2,25	2,75	2,75	2,75	3,70	5,96	14,20	14,60	1,73	4,33	5,07
12+12+12+12+12		12	12	12	12	12	2,83	2,83	2,83	2,83	2,83	5,94	14,15	14,60	1,73	4,31	5,07

MULTI DC INVERTER COMBINATION AND CAPACITY

HEATING

38QU5042DS5-1	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)					RATED CAPACITY (KW)(NOM. HEATING)					TOTAL HEATING CAPACITY (KW)			TOTAL POWER INPUT (KW)		
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	MIN.	RATED	MAX.	MIN.	RATED	MAX.
1x1	9	-	-	-	-	2,92	-	-	-	-	1,23	2,92	3,36	0,51	0,92	1,09	1,22
	12	-	-	-	-	3,75	-	-	-	-	1,58	3,75	4,31	0,59	1,19	1,41	1,55
	18	-	-	-	-	6,00	-	-	-	-	2,52	6,00	6,90	0,77	1,92	2,28	2,42
	24	-	-	-	-	7,03	-	-	-	-	2,95	7,03	8,08	0,91	2,27	2,69	3,24
1x2	9	9	-	-	-	2,97	2,97	-	-	-	2,50	5,95	7,36	0,73	1,82	2,37	2,09
	9	12	-	-	-	2,92	3,60	-	-	-	2,74	6,52	8,04	0,81	2,02	2,62	2,29
	9	18	-	-	-	2,80	5,72	-	-	-	3,58	8,52	10,42	1,07	2,66	3,42	2,98
	9	24	-	-	-	2,75	7,40	-	-	-	4,26	10,14	12,34	1,29	3,22	4,11	3,57
	12	12	-	-	-	3,55	3,55	-	-	-	2,98	7,09	8,72	0,89	2,22	2,86	2,54
	12	18	-	-	-	3,42	5,67	-	-	-	3,82	9,09	11,10	1,15	2,87	3,67	3,20
	12	24	-	-	-	3,36	7,35	-	-	-	4,50	10,72	13,02	1,37	3,41	4,36	3,79
	18	18	-	-	-	5,55	5,55	-	-	-	4,66	11,10	13,47	1,42	3,56	4,54	4,01
1x3	9	9	9	-	-	2,75	2,75	2,75	-	-	3,47	8,25	9,94	1,00	2,50	3,21	3,08
	9	9	12	-	-	2,68	2,68	3,30	-	-	3,64	8,67	10,45	1,06	2,64	3,39	3,27
	9	9	18	-	-	2,51	2,51	5,12	-	-	4,26	10,14	12,25	1,26	3,15	4,06	4,03
	9	9	24	-	-	2,41	2,41	6,49	-	-	4,75	11,32	13,70	1,41	3,54	4,57	4,66
	9	12	12	-	-	2,63	3,23	3,23	-	-	3,82	9,09	10,97	1,12	2,79	3,58	3,48
	9	12	18	-	-	2,47	3,04	5,04	-	-	4,43	10,55	12,76	1,30	3,25	4,18	4,17
	9	12	24	-	-	2,38	2,93	6,42	-	-	4,93	11,74	14,22	1,49	3,73	4,82	4,81
	9	18	18	-	-	2,37	4,82	4,82	-	-	5,05	12,02	14,56	1,55	3,88	5,02	5,08
	12	12	12	-	-	3,17	3,17	3,17	-	-	3,99	9,51	11,48	1,16	2,91	3,74	3,63
	12	12	18	-	-	3,00	3,00	4,97	-	-	4,61	10,97	13,28	1,37	3,43	4,43	4,33
	12	12	24	-	-	2,90	2,90	6,34	-	-	5,10	12,14	14,62	1,57	3,91	5,04	5,10
	12	18	18	-	-	2,87	4,75	4,75	-	-	5,20	12,37	14,74	1,62	4,04	5,15	5,19
1x4	9	9	9	9	-	2,66	2,66	2,66	2,66	-	4,46	10,62	12,03	1,23	3,08	3,76	4,03
	9	9	9	12	-	2,61	2,61	2,61	3,21	-	4,63	11,03	12,45	1,35	3,37	4,12	4,23
	9	9	9	18	-	2,47	2,47	2,47	5,04	-	5,23	12,45	13,92	1,53	3,82	4,62	4,96
	9	9	9	24	-	2,34	2,34	2,34	6,29	-	5,59	13,30	14,56	1,64	4,11	4,87	5,30
	9	9	12	12	-	2,56	2,56	3,15	3,15	-	4,80	11,44	12,87	1,45	3,62	4,42	4,41
	9	9	12	18	-	2,42	2,42	2,98	4,93	-	5,36	12,75	14,15	1,56	3,89	4,67	5,01
	9	9	12	24	-	2,30	2,30	2,83	6,18	-	5,71	13,61	14,79	1,68	4,20	4,95	5,37
	9	12	12	12	-	2,52	3,11	3,11	3,11	-	4,97	11,84	13,29	1,45	3,63	4,42	4,66
	9	12	12	18	-	2,37	2,92	2,92	4,84	-	5,48	13,05	14,37	1,61	4,02	4,79	5,23
	12	12	12	12	-	3,06	3,06	3,06	3,06	-	5,14	12,25	13,71	1,50	3,76	4,55	4,89
	12	12	12	18	-	2,87	2,87	2,87	4,75	-	5,61	13,35	14,60	1,65	4,12	4,88	5,30
	1x5	9	9	9	9	9	2,46	2,46	2,46	2,46	2,46	5,17	12,31	15,40	1,35	3,37	4,74
9		9	9	9	12	2,44	2,44	2,44	2,44	3,00	5,36	12,77	15,42	1,39	3,48	4,72	5,12
9		9	9	9	18	2,38	2,38	2,38	2,38	4,85	6,04	14,38	15,48	1,55	3,89	4,69	5,11
9		9	9	12	12	2,42	2,42	2,42	2,98	2,98	5,56	13,23	15,44	1,44	3,60	4,71	5,06
9		9	9	12	18	2,37	2,37	2,37	2,91	4,83	6,23	14,84	15,50	1,60	3,99	4,67	5,05
9		9	12	12	12	2,41	2,41	2,96	2,96	2,96	5,75	13,69	15,46	1,48	3,71	4,70	5,07
9		12	12	12	12	2,39	2,94	2,94	2,94	2,94	5,94	14,15	15,47	1,53	3,82	4,69	5,05
9		12	12	12	18	2,30	2,86	2,86	2,86	4,07	6,28	14,95	15,60	1,62	4,04	4,73	5,07
12		12	12	12	12	2,98	2,98	2,98	2,98	2,98	6,26	14,90	15,60	1,60	4,01	4,70	5,07