R32 Multi CDU Series
50Hz Heat Pump
Inverter
Single Phase
14K to 42K

Engineering Databook





The R32 Multi CDU series provide individual comfort control for up to 5 separate zones. Two, three, four or five space-saving High Wall, Cassette, A6 Ducted or Under Ceiling fan coils can be matched with one outdoor heat pump. The indoor fan coils are connected to the outdoor unit by refrigerant tubing and wires.

The different styles of indoor units can be mounted in several locations to accommodate the application. This selection of fan coils permits inexpensive and creative solutions to design problems such as:

- When adding air conditioning to spaces that are heated by hydronic or electric heat and have no ductwork.
- Historical renovations or any application where preserving the look of the original structure is essential.
- Commercial add-on jobs where the existing air conditioning system cannot be stretched.

These compact indoor fan coil units take up very little space in the room and do not obstruct windows. The fan coils are attractively styles to blend with most room decors.
Advanced system components incorporate innovative technology to provide reliable cooling and heating performance at low sound levels.

FEATURES AND BENEFITS

AVAILABLE SIZES:
Nominal capacity are available from 14K through 42K to meet the needs of residential and commercial applications.

CERTIFICATION:
All models are registered with CE mark.

ELECTRICAL RANGE
Units offered in single phase 220V ~ 240V.

ENVIRONMENTAL REFRIGERANT
The Multi CDU products use R32. The R32 Refrigerant has a global warming potential approximately 1/3 of our current refrigerant R410A; thereby dramatically reducing the negative impact more than ever.

UNIT DESIGN:
The copper tube(I-G), coated fin, enhanced sine wave, aluminum fin coil is designed for optimum heat transfer and corrosion protection.

SOUND SHIELD
All ODU have compressor sound SHIELD for noise attenuation.

OPERATING RANGE:
Minimum outdoor operating ambient in cooling mode is -15°C, and maximum is 50°C. Minimum outdoor operating range for heating mode is -15°C, maximum is 24°C.

INDEPENDENT CONTROL
Unlike the traditional ducted system, Multi split system gives you the the maximum energy saving and comfort since each indoor unit can be independently controlled.

WIDE COMBINATION
Maximum wide combination can go up to 130%, which helps you to save both cost and space.

MONO & MULTI COMPATIBLE
Compatible indoor unit for both mono and multi inverter system. The advantage for us: It comes in handy for warehouse and stock administration.

FEATURES AND BENEFITS(CONT.)

FLEXIBLE INSTALLATION

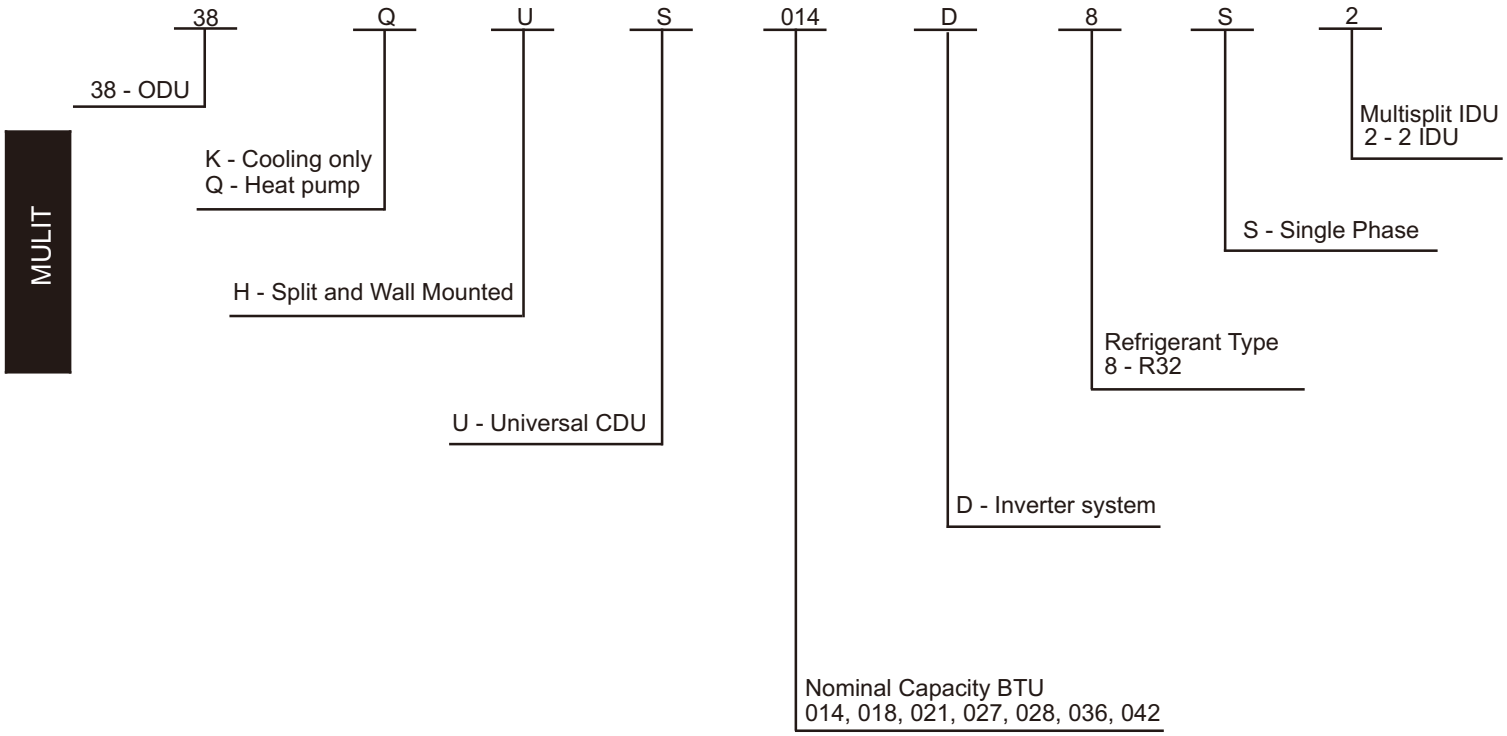
Max. height difference of 15m can be supported to ensure that outdoor units are ideally matched with every architectural style.
Up to max. piping length of 75m, Carrier allows you to choose the best place to install the outdoor unit.
So flexible, so quite.

EASY MAINTENANCE

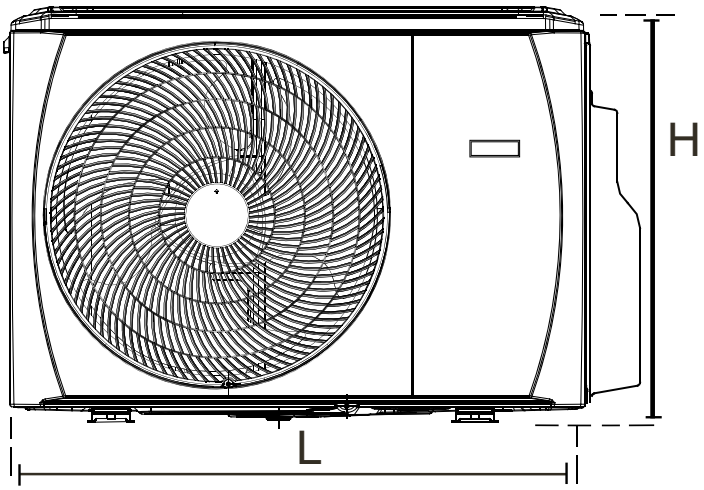
(1) Check Point Button
Press this button to check operation parameters when the the unit is running, which makes the debugging work much simpler.

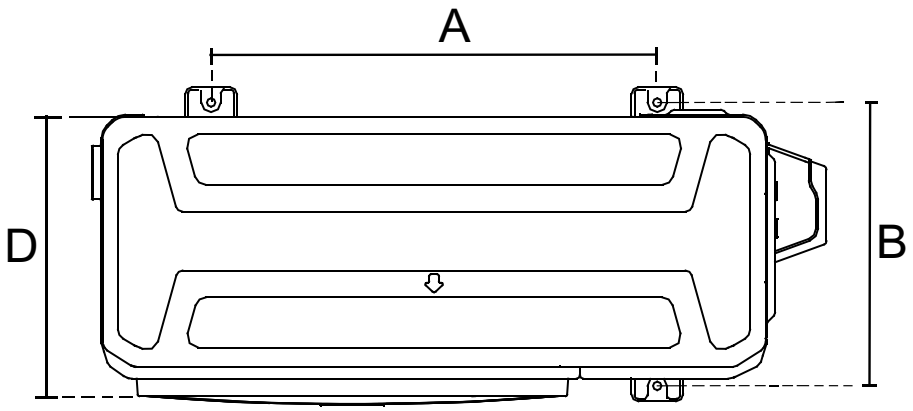
(2) Status and Error Display
No need to check all of the parts, it helps you to find the the error right away.

PRODUCT NUMBER NOMENCLATURE



DIMENSION





Model	Unit : mm					
	W	D	H	W1	A	B
38QUS014D8S2	800	333	554	860	514	340
38QUS018D8S2-1	800	333	554	860	514	340
38QUS021D8S3	845	363	702	923	540	350
38QUS027D8S3-1	845	363	702	923	540	350
38QUS028D8S4	946	410	810	1034	673	403
38QUS036D8S4	946	410	810	1034	673	403
38QUS042D8S5	946	410	810	1034	673	403

ELECTRICAL DATA

MODEL	V/PH	OPERATING VOLTS*		COMPRESSOR		OUTDOOR FAN MOTOR		MRC	MAX FUSE** OR CKT BKR AMPS
		Max.	Min.	MODEL	RLA	MODEL	FLA		
QUS014	220-240/1	254	207	KSN140D21UFZ	7.50	ZKFN-34-8-1-3	0.39	11.5	20
QUS018				KSN140D21UFZ	7.50	ZKFN-34-8-1-3	0.39	13.0	20
QUS021				KSN140D21UFZ	7.50	ZKFN-50-8-2-3	0.55	15.5	20
QUS027				KTM240D57UMT	9.45	ZKFN-50-8-2-3	0.55	17.5	30
QUS028				KTM240D57UMT	9.45	ZKFN-120-8-2	1.39	19.0	30
QUS036				KTF310D43UMT	5.38	ZKFN-120-8-2	1.39	21.5	30
QUS042				KTF310D43UMT	5.38	ZKFN-120-8-2	1.39	22.0	30

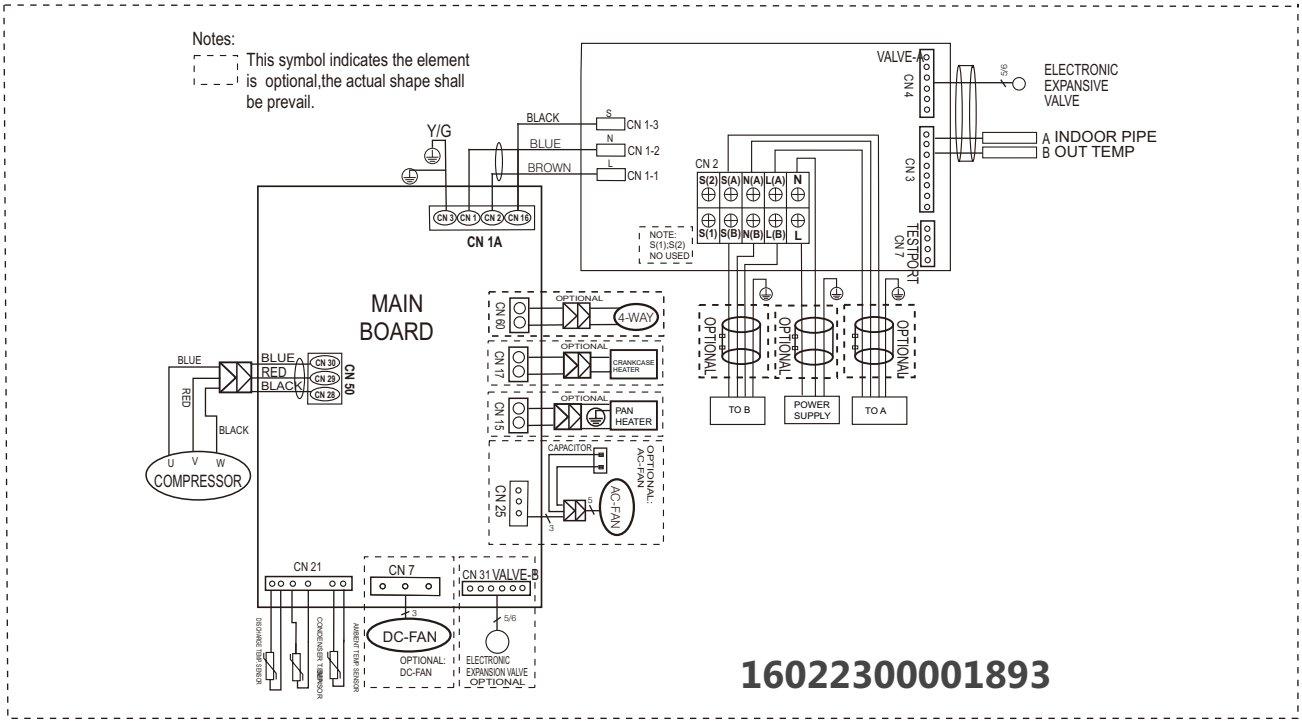
*Permissible limits of the voltage range at which the unit will operate satisfactorily.

**Time---Delay fuse.

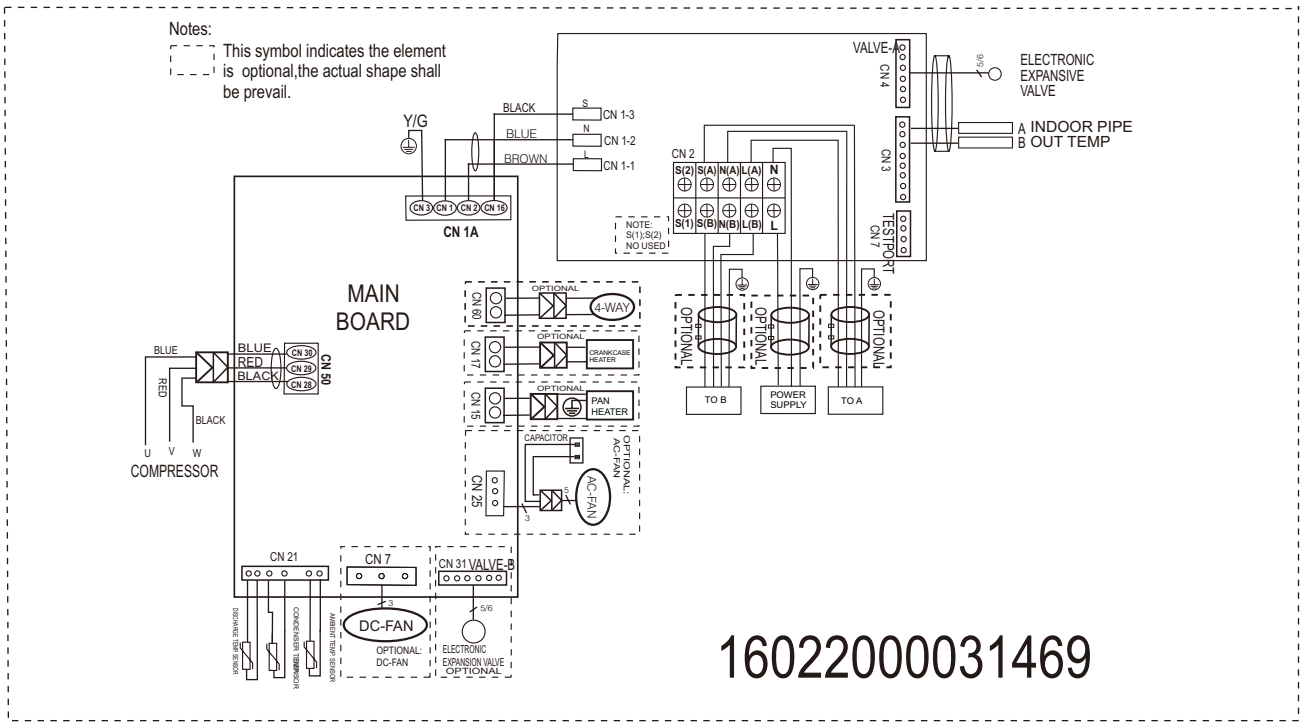
FLA ---Full Load Amps
MRC ---Maximum Running Current
RLA ---Rated Load Amps

WIRING DIAGRAMS

Wiring diagram 38QUS014D8S2



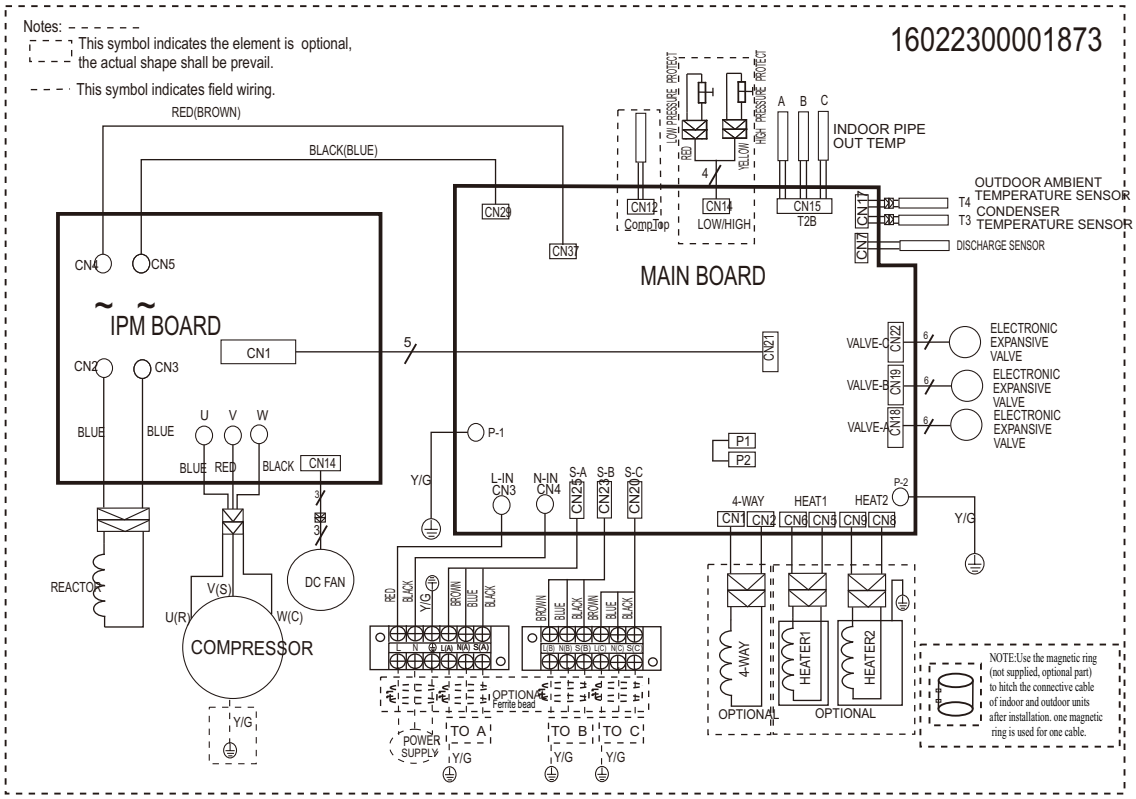
Wiring diagram 38QUS018D8S2-1



MULTI

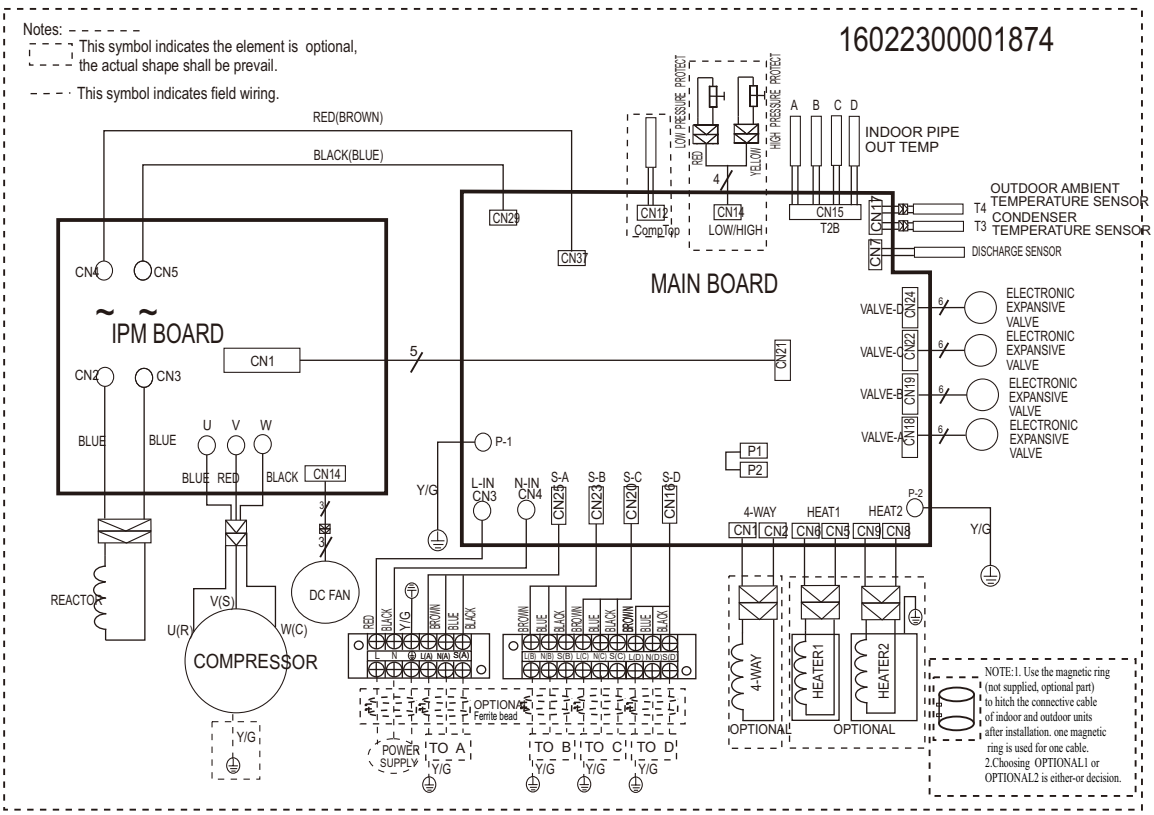
WIRING DIAGRAMS

Wiring diagram 38QUS021D8S3 & 38QUS027D8S3-1



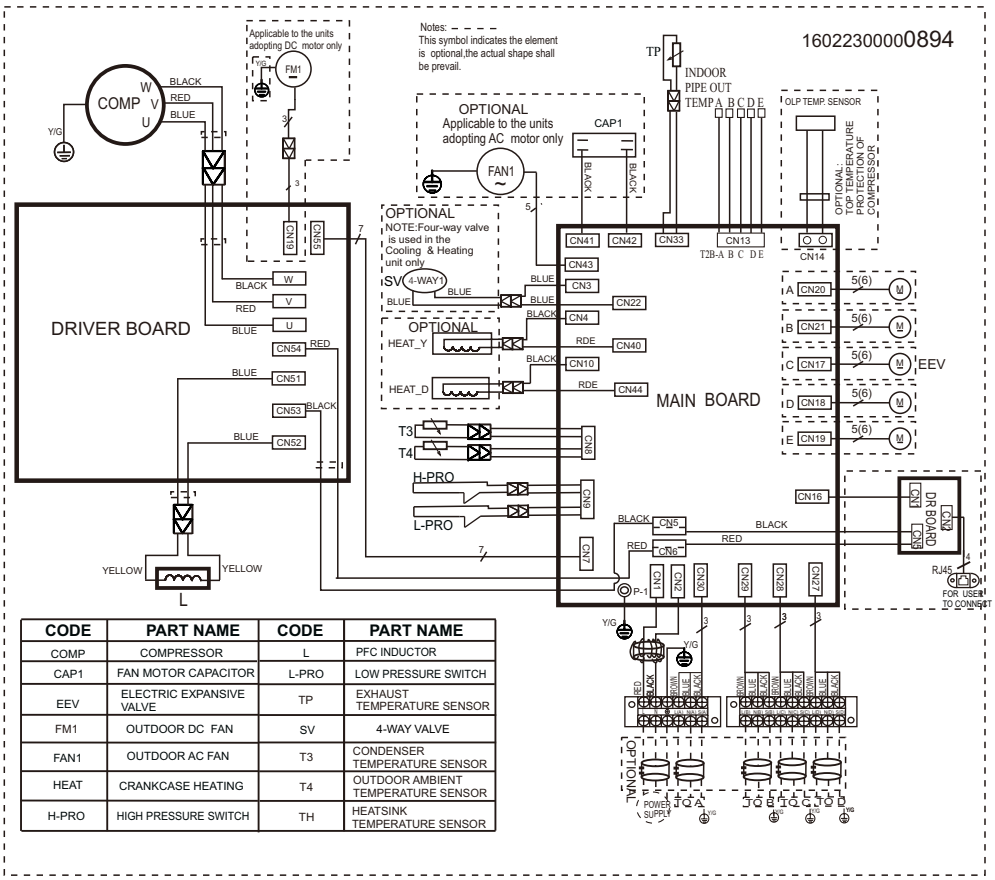
MULIT

Wiring diagram 38QUS028D8S4



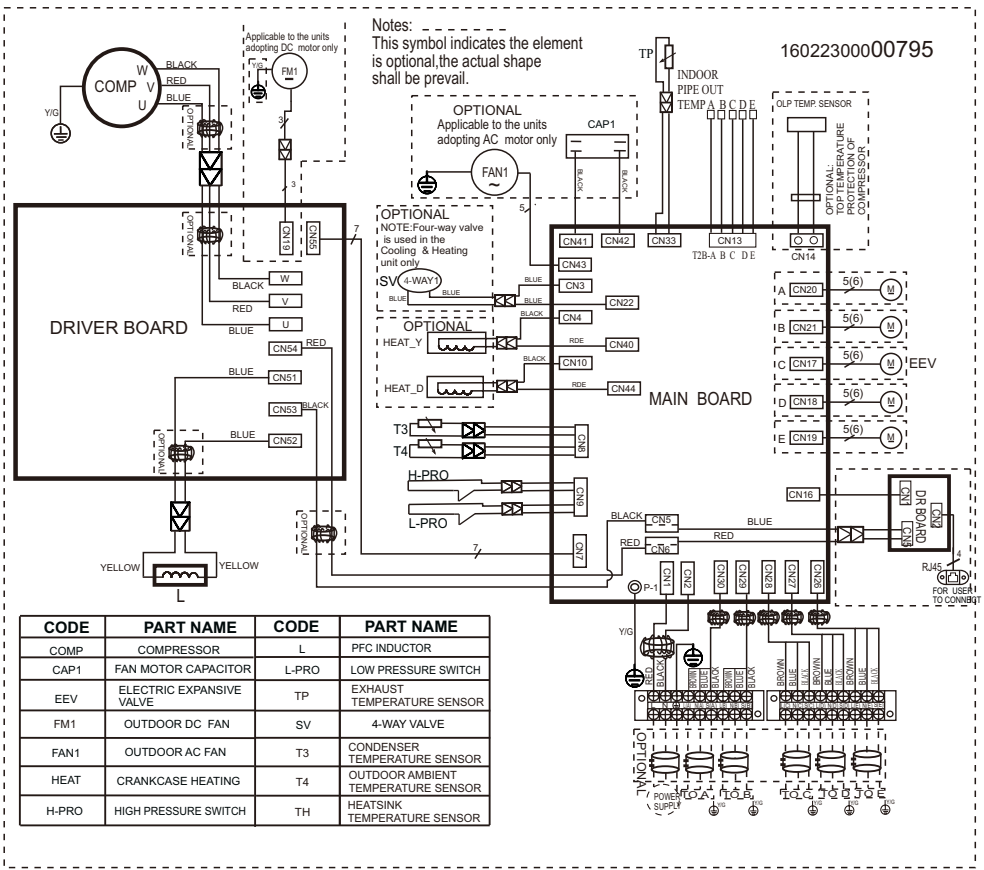
WIRING DIAGRAMS

Wiring diagram 38QUS036D8S4



CODE	PART NAME	CODE	PART NAME
COMP	COMPRESSOR	L	PFC INDUCTOR
CAP1	FAN MOTOR CAPACITOR	L-PRO	LOW PRESSURE SWITCH
EEV	ELECTRIC EXPANSIVE VALVE	TP	EXHAUST TEMPERATURE SENSOR
FM1	OUTDOOR DC FAN	SV	4-WAY VALVE
FAN1	OUTDOOR AC FAN	T3	CONDENSER TEMPERATURE SENSOR
HEAT	CRANKCASE HEATING	T4	OUTDOOR AMBIENT TEMPERATURE SENSOR
H-PRO	HIGH PRESSURE SWITCH	TH	HEATSINK TEMPERATURE SENSOR

Wiring diagram 38QUS042D8S5



CODE	PART NAME	CODE	PART NAME
COMP	COMPRESSOR	L	PFC INDUCTOR
CAP1	FAN MOTOR CAPACITOR	L-PRO	LOW PRESSURE SWITCH
EEV	ELECTRIC EXPANSIVE VALVE	TP	EXHAUST TEMPERATURE SENSOR
FM1	OUTDOOR DC FAN	SV	4-WAY VALVE
FAN1	OUTDOOR AC FAN	T3	CONDENSER TEMPERATURE SENSOR
HEAT	CRANKCASE HEATING	T4	OUTDOOR AMBIENT TEMPERATURE SENSOR
H-PRO	HIGH PRESSURE SWITCH	TH	HEATSINK TEMPERATURE SENSOR

MULTI

COMPATIBILITY

Indoor Unit		Outdoor Unit						
		38QUS014D8S2	38QUS018D8S2-1	38QUS021D8S3	38QUS027D8S3-1	38QUS028D8S4	38QUS036D8S4	38QUS042D8S5
High wall	42QHC007D8S-1	●	●	●	●	●	●	●
	42QHC009D8S-1	●	●	●	●	●	●	●
	42QHC012D8S	●	●	●	●	●	●	●
	42QHC018D8S	●	●	●	●	●	●	●
	42QHC024D8S-1					●	●	●
	42QHB07D8S	●	●	●	●	●	●	●
	42QHB09D8S	●	●	●	●	●	●	●
	42QHB12D8S	●	●	●	●	●	●	●
	42QHB18D8S	●	●	●	●	●	●	●
	42QHB24D8S					●	●	●
Cassette	42QTD007D8S	●	●	●	●	●	●	●
	42QTD009D8S	●	●	●	●	●	●	●
	42QTD012D8S	●	●	●	●	●	●	●
	42QTD018D8S-1	●	●	●	●	●	●	●
Ducted	42QSS007D8S	●	●	●	●	●	●	●
	42QSS009D8S	●	●	●	●	●	●	●
	42QSS012D8S	●	●	●	●	●	●	●
	42QSS018D8S	●	●	●	●	●	●	●
Console & Ceiling	42QZA012D8S	●	●	●	●	●	●	●
	42QZL018D8S-1	●	●	●	●	●	●	●

SPECIFICATION FOR 38QUS014D8S2

Outdoor Model IDUs Combination for Rating		38QUS014D8S2		
		Hiwall 42QHC007D8S-1 (x 2)	Cassette 42QTD007D8S (x 2)	Ducted 42QSS007D8S (x 2)
Power supply	V-Hz-Ph	220-240V~, 50Hz, 1Ph		
Cooling capacity	kW	4.10 (1.44~4.79)	4.10 (1.31~4.40)	4.10 (1.39~4.84)
Heating capacity	kW	4.40 (1.50~4.91)	4.40 (1.47~4.98)	4.40 (1.66~4.98)
Pdesign capacity cooling	kW	4.10	4.10	4.10
Pdesign capacity heating (average)	kW	3.70	3.90	3.90
SEER/ SCOP(average)	W/W	6.8 / 4.0	6.1 / 3.8	6.1 / 3.8
Energy label		A++ / A+	A++ / A	A++ / A
Yearly energy consumption	kWh	211 / 1295	236 / 1437	236 / 1437
EER/ COP	W/W	3.23 / 3.67	3.20 / 3.79	3.28 / 4.00
Standard current (cooling)	A	5.8	5.8	5.7
Standard input (cooling)	W	1270	1280	1250
Standard current (heating)	A	5.4	5.2	5.0
Standard input (heating)	W	1200	1160	1100
Rated current	A	11.5		
Rated input	W	2650		
Outdoor air flow	m^3/h	2200		
Outdoor sound pressure level	dB(A)	56		
Outdoor sound power level	dB(A)	65		
Throttle type		EXV+Capillary		
Dimension (W?D?H)	mm	800?333?554		
Packing (W?D?H)	mm	920?390?625		
Net/ Gross weight	kg	32.0 / 35.0		
GWP		675		
Refrigerant charge amount, R32	kg	1.10		
Compressor model		KSN140D21UFZ		
Refrigerant oil/ oil quantity	ml	VG74 / 440		
Design pressure	Mpa	4.3 / 1.7		
Refrigerant piping (Liquid side/ Gas side)	mm(inch)	2 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")]		
Chargeless pipe length	m	7.5*2		
Additional charge	g/m	12		
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	℃	-15 ~ 50		
Temp range heating	℃	-15 ~ 24		

SPECIFICATION FOR 38QUS018D8S2-1

Outdoor Model		38QUS018D8S2-1		
IDUs Combination for Rating		Hiwall 42QHC009D8S-1 (x 2)	Cassette 42QTD009D8S (x 2)	Ducted 42QSS009D8S (x 2)
Power supply	V-Hz-Ph	220-240V~, 50Hz, 1Ph		
Cooling capacity	kW	5.28 (2.23~5.57)	5.28 (2.23~5.72)	5.28 (1.32~5.57)
Heating capacity	kW	5.57 (2.34~5.63)	5.57 (2.34~5.86)	5.57 (1.88~5.74)
Pdesign capacity cooling	kW	5.28	5.28	5.28
Pdesign capacity heating (average)	kW	4.30	4.30	4.60
SEER/ SCOP(average)	W/W	6.1 / 4.0	6.1 / 4.0	6.1 / 3.8
Energy label		A++ / A+	A++ / A+	A++ / A
Yearly energy consumption	kWh	303 / 1505	303 / 1505	303 / 1695
EER/ COP	W/W	3.24 / 3.71	3.24 / 3.71	3.24 / 4.10
Standard current (cooling)	A	7.3	7.3	7.3
Standard input (cooling)	W	1630	1630	1630
Standard current (heating)	A	6.7	6.7	6.1
Standard input (heating)	W	1500	1500	1360
Rated current	A	13.0		
Rated input	W	2850		
Outdoor air flow	m^3/h	2200		
Outdoor sound pressure level	dB(A)	56		
Outdoor sound power level	dB(A)	65		
Throttle type		EXV+Capillary		
Dimension (W?D?H)	mm	800?333?554		
Packing (W?D?H)	mm	920?390?625		
Net/ Gross weight	kg	35.5 / 38.5		
GWP		675		
Refrigerant charge amount, R32	kg	1.25		
Compressor model		KSN140D21UFZ		
Refrigerant oil/ oil quantity	ml	VG74 / 440		
Design pressure	Mpa	4.3 / 1.7		
Refrigerant piping (Liquid side/ Gas side)	mm(inch)	2 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")]		
Chargeless pipe length	m	7.5*2		
Additional charge	g/m	12		
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	℃	-15 ~ 50		
Temp range heating	℃	-15 ~ 24		

*Note :

1. The New Model of 38QUS018D8S2-1 is Compressor and fan motor standardizaiton.

SPECIFICATION FOR 38QUS021D8S3

Outdoor Model		38QUS021D8S3		
IDUs Combination for Rating		Hiwall 42QHC007D8S-1 (x 3)	Cassette 42QTD007D8S (x 3)	Ducted 42QSS007D8S (x 3)
Power supply	V-Hz-Ph	220-240V~, 50Hz, 1Ph		
Cooling capacity	kW	6.10 (1.95~6.83)	6.10 (1.99~7.02)	6.10 (2.14~7.03)
Heating capacity	kW	6.59 (1.45~6.86)	6.59 (1.45~6.74)	6.59 (1.81~6.74)
Pdesign capacity cooling	kW	6.10	6.10	6.10
Pdesign capacity heating (average)	kW	5.40	5.10	5.10
SEER/ SCOP(average)	W/W	6.5 / 4.0	6.1 / 4.0	6.1 / 3.8
Energy label		A++ / A+	A++ / A+	A++ / A
Yearly energy consumption	kWh	329 / 1890	350 / 1785	350 / 1879
EER/ COP	W/W	3.21 / 3.72	3.47 / 3.70	3.94 / 3.99
Standard current (cooling)	A	8.6	8.0	7.0
Standard input (cooling)	W	1900	1760	1550
Standard current (heating)	A	8.1	8.1	7.5
Standard input (heating)	W	1770	1780	1650
Rated current	A	15.5		
Rated input	W	3300		
Outdoor air flow	m^3/h	2700		
Outdoor sound pressure level	dB(A)	58		
Outdoor sound power level	dB(A)	66		
Throttle type		EXV+Capillary		
Dimension (W?D?H)	mm	845?363?702		
Packing (W?D?H)	mm	965?395?775		
Net/ Gross weight	kg	47.0 / 51.0		
GWP		675		
Refrigerant charge amount, R32	kg	1.40		
Compressor model		KSN140D21UFZ		
Refrigerant oil/ oil quantity	ml	VG74 / 440		
Design pressure	Mpa	4.3 / 1.7		
Refrigerant piping (Liquid side/ Gas side)	mm(inch)	3 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")]		
Chargeless pipe length	m	7.5*3		
Additional charge	g/m	12		
Max. length for all rooms	m	60		
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	℃	-15 ~ 50		
Temp range heating	℃	-15 ~ 24		

SPECIFICATION FOR 38QUS027D8S3-1

Outdoor Model IDUs Combination for Rating		38QUS027D8S3-1		
		Hiwall 42QHC009D8S-1 (x 3)	Cassette 42QTD009D8S (x 3)	Ducted 42QSS009D8S (x 3)
Power supply	V-Hz-Ph	220-240V~, 50Hz, 1Ph		
Cooling capacity	kW	7.90 (2.89~8.50)	7.90 (2.10~8.50)	7.90 (2.90~8.21)
Heating capacity	kW	8.20 (1.99~8.50)	7.91 (1.96~8.79)	8.20 (1.99~8.35)
Pdesign capacity cooling	kW	7.90	7.90	7.90
Pdesign capacity heating (average)	kW	5.70	5.30	5.70
SEER/ SCOP(average)	W/W	6.1 / 4.0	6.1 / 4.0	6.1 / 4.0
Energy label		A++ / A+	A++ / A+	A++ / A+
Yearly energy consumption	kWh	454 / 1995	454 / 1855	454 / 1995
EER/ COP	W/W	3.22 / 3.73	3.22 / 3.73	3.22 / 4.00
Standard current (cooling)	A	11.0	11.0	11.0
Standard input (cooling)	W	2450	2450	2450
Standard current (heating)	A	9.9	9.5	9.2
Standard input (heating)	W	2200	2120	2050
Rated current	A	17.5		
Rated input	W	3600		
Outdoor air flow	m^3/h	2700		
Outdoor sound pressure level	dB(A)	60		
Outdoor sound power level	dB(A)	68		
Throttle type		EXV+Capillary		
Dimension (W?D?H)	mm	845?363?702		
Packing (W?D?H)	mm	965?395?775		
Net/ Gross weight	kg	51.0 / 56.0		
GWP		675		
Refrigerant charge amount, R32	kg	1.72		
Compressor model		KTM240D57UMT		
Refrigerant oil/ oil quantity	ml	VG74 / 670		
Design pressure	Mpa	4.3 / 1.7		
Refrigerant piping (Liquid side/ Gas side)	mm(inch)	3 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")]		
Chargeless pipe length	m	7.5*3		
Additional charge	g/m	12		
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	℃	-15 ~ 50		
Temp range heating	℃	-15 ~ 24		

*Note :
1. The New Model of 38QUS027D8S3-1 is Compressor and fan motor standardizaiton.

SPECIFICATION FOR 38QUS028D8S4

Outdoor Model IDUs Combination for Rating		38QUS028D8S4		
		Hiwall 42QHC007D8S-1 (x 4)	Cassette 42QTD007D8S (x 4)	Ducted 42QSS007D8S (x 4)
Power supply	V-Hz-Ph	220-240V~, 50Hz, 1Ph		
Cooling capacity	kW	8.20 (2.51~10.43)	8.20 (2.45~10.20)	8.20 (2.85~9.67)
Heating capacity	kW	8.79 (1.61~10.14)	8.79 (1.54~11.43)	8.79 (2.28~11.43)
Pdesign capacity cooling	kW	8.20	8.20	8.20
Pdesign capacity heating (average)	kW	6.50	6.40	6.10
SEER/ SCOP(average)	W/W	7.0 / 4.0	6.8 / 4.0	6.1 / 3.8
Energy label		A++ / A+	A++ / A+	A++ / A
Yearly energy consumption	kWh	410 / 2275	422 / 2240	471 / 2248
EER/ COP	W/W	3.23 / 3.66	3.49 / 3.69	3.49 / 3.69
Standard current (cooling)	A	11.4	10.5	10.5
Standard input (cooling)	W	2540	2350	2350
Standard current (heating)	A	10.8	10.7	10.7
Standard input (heating)	W	2400	2380	2380
Rated current	A	19.0		
Rated input	W	4150		
Outdoor air flow	m^3/h	3800		
Outdoor sound pressure level	dB(A)	63		
Outdoor sound power level	dB(A)	70		
Throttle type		EXV+Capillary		
Dimension (W?D?H)	mm	946?410?810		
Packing (W?D?H)	mm	1090?500?885		
Net/ Gross weight	kg	62.0 / 67.5		
GWP		675		
Refrigerant charge amount, R32	kg	2.10		
Compressor model		KTM240D57UMT		
Refrigerant oil/ oil quantity	ml	VG74 / 670		
Design pressure	Mpa	4.3 / 1.7		
Refrigerant piping (Liquid side/ Gas side)	mm(inch)	3 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")] + 1 × [Φ6.35/ Φ12.7 (1/4"/ 1/2")]		
Chargeless pipe length	m	7.5*4		
Additional charge	g/m	12		
Max. length for all rooms	m	80		
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	℃	-15 ~ 50		
Temp range heating	℃	-15 ~ 24		

SPECIFICATION FOR 38QUS036D8S4

Outdoor Model IDUs Combination for Rating		38QUS036D8S4		
		Hiwall 42QHC009D8S-1 (x 4)	Cassette 42QTD009D8S (x 4)	Ducted 42QSS009D8S (x 4)
Power supply	V-Hz-Ph	220-240V~, 50Hz, 1Ph		
Cooling capacity	kW	10.20 (2.05~10.55)	10.10 (2.05~10.55)	10.10 (2.73~10.70)
Heating capacity	kW	11.00 (2.34~11.14)	10.70 (2.34~11.14)	10.70 (3.66~11.43)
Pdesign capacity cooling	kW	10.20	10.10	10.10
Pdesign capacity heating (average)	kW	8.80	8.10	8.10
SEER/ SCOP(average)	W/W	6.5 / 3.8	5.7 / 3.8	6.0 / 3.8
Energy label		A++ / A	A+ / A	A+ / A
Yearly energy consumption	kWh	550 / 3242	620 / 2984	620 / 2984
EER/ COP	W/W	2.82 / 3.55	2.74 / 3.31	2.81 / 3.46
Standard current (cooling)	A	16.0	16.2	15.9
Standard input (cooling)	W	3620	3680	3600
Standard current (heating)	A	13.7	14.4	13.9
Standard input (heating)	W	3100	3230	3090
Rated current	A	21.5		
Rated input	W	4600		
Outdoor air flow	m^3/h	4000		
Outdoor sound pressure level	dB(A)	64		
Outdoor sound power level	dB(A)	72		
Throttle type		EXV+Capillary		
Dimension (W?D?H)	mm	946?410?810		
Packing (W?D?H)	mm	1090?500?885		
Net/ Gross weight	kg	69.0 / 75.5		
GWP		675		
Refrigerant charge amount, R32	kg	2.10		
Compressor model		KTF310D43UMT		
Refrigerant oil/ oil quantity	ml	VG74 / 1000		
Design pressure	Mpa	4.3 / 1.7		
Refrigerant piping (Liquid side/ Gas side)	mm(inch)	3 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")] + 1 × [Φ6.35/ Φ12.7 (1/4"/ 1/2")]		
Chargeless pipe length	m	7.5*4		
Additional charge	g/m	12		
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	℃	-15 ~ 50		
Temp range heating	℃	-15 ~ 24		

SPECIFICATION FOR 38QUS042D8S5

Outdoor Model		38QUS042D8S5		
IDUs Combination for Rating		Hiwall 42QHC009D8S-1 (x 5)	Cassette 42QTD009D8S (x 5)	Ducted 42QSS009D8S (x 5)
Power supply	V-Hz-Ph	220-240V~, 50Hz, 1Ph		
Cooling capacity	kW	12.00 (2.05~12.31)	12.00 (2.05~12.31)	12.00 (2.64~12.46)
Heating capacity	kW	12.00 (2.34~12.31)	11.70 (2.34~12.31)	11.80 (3.52~12.60)
Pdesign capacity cooling	kW	12.00	12.00	12.00
Pdesign capacity heating (average)	kW	9.20	9.20	9.10
SEER/ SCOP(average)	W/W	6.8 / 3.8	5.7 / 3.8	5.80 / 3.80
Energy label		A++ / A	A+ / A	A+ / A
Yearly energy consumption	kWh	618 / 3390	737 / 3389	724 / 3353
EER/ COP	W/W	3.08 / 3.66	2.96 / 3.62	3.08 / 3.76
Standard current (cooling)	A	17.2	18.0	17.3
Standard input (cooling)	W	3890	4060	3890
Standard current (heating)	A	14.6	14.3	14.0
Standard input (heating)	W	3280	3230	3140
Rated current	A	22.0		
Rated input	W	4700		
Outdoor air flow	m^3/h	3850		
Outdoor sound pressure level	dB(A)	64		
Outdoor sound power level	dB(A)	72		
Throttle type		EXV+Capillary		
Dimension (W?D?H)	mm	946?410?810		
Packing (W?D?H)	mm	1090?500?885		
Net/ Gross weight	kg	73.5 / 80.5		
GWP		675		
Refrigerant charge amount, R32	kg	2.40		
Compressor model		KTF310D43UMT		
Refrigerant oil/ oil quantity	ml	VG74 / 1000		
Design pressure	Mpa	4.3 / 1.7		
Refrigerant piping (Liquid side/ Gas side)	mm(inch)	4 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")] + 1 × [Φ6.35/ Φ12.7 (1/4"/ 1/2")]		
Chargeless pipe length	m	7.5*5		
Additional charge	g/m	12		
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	℃	-15 ~ 50		
Temp range heating	℃	-15 ~ 24		

CAPACITY TABLE FOR 38QUS014D8S2

COOLING MODE

Comb.	Indoor Units	Combinations (x1000 Btu/h)		Rated Capacity (kW)(Nom. cooling)		Total Cooling Capacity (kW)			Total Power Input (kW)			EER (W/W)
		Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	2.00	—	1.23	2.00	2.90	0.30	0.62	0.77	3.23
	9	9	—	2.50	—	1.23	2.50	3.20	0.30	0.77	0.97	3.23
	12	12	—	3.50	—	1.23	3.50	3.90	0.30	1.08	1.30	3.23
	18	18	—	4.10	—	1.35	4.10	4.50	0.40	1.27	1.46	3.23
1:2	7+7	7	7	2.05	2.05	1.76	4.10	4.54	0.43	1.27	1.46	3.23
	7+9	7	9	1.79	2.31	1.76	4.10	4.54	0.43	1.27	1.46	3.23
	7+12	7	12	1.51	2.59	1.76	4.10	4.54	0.43	1.27	1.46	3.24
	9+9	9	9	2.05	2.05	1.76	4.10	4.54	0.43	1.27	1.46	3.24
	9+12	9	12	1.76	2.34	1.76	4.10	4.54	0.43	1.27	1.46	3.24

HEATING MODE

Comb.	Indoor Units	Combinations (x1000 Btu/h)		Rated Capacity (kW)(Nom. heating)		Total Heating Capacity (kW)			Total Power Input (kW)			COP (W/W)
		Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	2.45	—	1.41	2.50	2.82	0.28	0.67	0.83	3.75
	9	9	—	2.92	—	1.41	2.90	3.36	0.28	0.78	0.97	3.73
	12	12	—	3.75	—	1.41	3.80	4.31	0.28	1.02	1.23	3.72
	18	18	—	4.70	—	1.55	4.70	5.20	0.38	1.27	1.32	3.71
1:2	7+7	7	7	2.35	2.35	2.02	4.70	5.20	0.39	1.15	1.32	4.10
	7+9	7	9	2.06	2.64	2.02	4.70	5.20	0.39	1.15	1.32	4.10
	7+12	7	12	1.75	3.00	2.02	4.75	5.26	0.39	1.19	1.32	4.00
	9+9	9	9	2.38	2.38	2.02	4.75	5.26	0.39	1.19	1.32	4.00
	9+12	9	12	2.04	2.71	2.02	4.75	5.26	0.39	1.19	1.32	4.00

CAPACITY TABLE FOR 38QUS018D8S2-1

COOLING MODE

Comb.	Indoor Units	Combinations (x1000 Btu/h)		Rated Capacity (kW)(Nom. cooling)		Total Cooling Capacity (kW)			Total Power Input (kW)			EER (W/W)
		Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	2.00	—	1.40	2.00	2.90	0.35	0.62	0.77	3.24
	9	9	—	2.50	—	1.40	2.50	3.20	0.35	0.77	0.96	3.24
	12	12	—	3.50	—	1.40	3.50	3.90	0.35	1.07	1.29	3.26
	18	18	—	5.00	—	1.61	5.00	5.41	0.45	1.55	2.01	3.23
1:2	7+7	7	7	2.10	2.10	2.08	4.20	5.51	0.53	1.05	2.17	4.00
	7+9	7	9	2.06	2.64	2.08	4.70	5.72	0.53	1.24	2.17	3.80
	7+12	7	12	1.95	3.35	2.08	5.30	6.29	0.53	1.64	2.17	3.23
	9+9	9	9	2.60	2.60	2.08	5.20	6.29	0.53	1.61	2.17	3.23
	9+12	9	12	2.31	3.09	2.08	5.40	6.29	0.53	1.67	2.17	3.23
	12+12	12	12	2.70	2.70	2.08	5.40	6.29	0.53	1.67	2.17	3.23

HEATING MODE

Comb.	Indoor Units	Combinations (x1000 Btu/h)		Rated Capacity (kW)(Nom. heating)		Total Heating Capacity (kW)			Total Power Input (kW)			COP (W/W)
		Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	2.50	—	1.54	2.50	3.03	0.32	0.67	0.84	3.73
	9	9	—	3.00	—	1.54	3.00	3.63	0.32	0.80	1.01	3.73
	12	12	—	3.80	—	1.54	3.80	4.60	0.32	1.01	1.22	3.75
	18	18	—	5.30	—	1.71	5.30	5.72	0.42	1.43	1.72	3.71
1:2	7+7	7	7	2.50	2.50	2.20	5.00	5.94	0.47	1.22	1.86	4.10
	7+9	7	9	2.32	2.98	2.20	5.30	6.05	0.47	1.29	1.86	4.10
	7+12	7	12	2.03	3.47	2.20	5.50	6.66	0.47	1.43	1.86	3.85
	9+9	9	9	2.75	2.75	2.20	5.50	6.66	0.47	1.38	1.86	4.00
	9+12	9	12	2.40	3.20	2.20	5.60	6.66	0.47	1.45	1.86	3.85
	12+12	12	12	2.80	2.80	2.20	5.60	6.66	0.47	1.45	1.86	3.85

CAPACITY TABLE FOR 38QUS021D8S3

COOLING MODE

Comb.	Indoor Units	Combinations (x1000 Btu/h)			Rated Capacity (kW)(Nom. cooling)			Total Cooling Capacity (kW)			Total Power Input (kW)			EER (W/W)
		Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	—	2.00	—	—	1.43	2.00	2.90	0.38	0.62	0.78	3.21
	9	9	—	—	2.50	—	—	1.43	2.50	3.20	0.38	0.78	0.97	3.21
	12	12	—	—	3.50	—	—	1.43	3.50	3.90	0.38	1.09	1.31	3.21
	18	18	—	—	5.00	—	—	1.65	5.00	6.50	0.48	1.55	1.79	3.22
1:2	7+7	7	7	—	2.10	2.10	—	2.01	4.20	5.49	0.56	1.31	1.88	3.21
	7+9	7	9	—	2.06	2.64	—	2.01	4.70	5.80	0.56	1.46	1.98	3.21
	7+12	7	12	—	1.95	3.35	—	2.01	5.30	6.10	0.56	1.65	2.07	3.21
	7+18	7	18		1.76	4.54	—	2.01	6.30	6.83	0.56	1.94	2.17	3.24
	9+9	9	9	—	2.65	2.65	—	2.01	5.30	6.41	0.56	1.65	2.07	3.21
	9+12	9	12	—	2.57	3.43	—	2.01	6.00	6.59	0.56	1.85	2.11	3.24
	9+18	9	18	—	2.10	4.20	—	2.01	6.30	6.83	0.56	1.94	2.17	3.24
	12+12	12	12	—	3.10	3.10	—	2.01	6.20	6.83	0.56	1.91	2.17	3.24
1:3	7+7+7	7	7	7	2.03	2.03	2.03	2.44	6.10	7.20	0.68	1.88	2.35	3.24
	7+7+9	7	7	9	1.92	1.92	2.47	2.44	6.30	7.26	0.68	1.94	2.35	3.24
	7+7+12	7	7	12	1.70	1.70	2.91	2.44	6.30	7.32	0.68	1.94	2.35	3.24
	7+9+9	7	9	9	1.76	2.27	2.27	2.44	6.30	7.32	0.68	1.94	2.35	3.24
	9+9+9	9	9	9	2.10	2.10	2.10	2.44	6.30	7.32	0.68	1.94	2.35	3.24

HEATING MODE

Comb.	Indoor Units	Combinations (x1000 Btu/h)			Rated Capacity (kW)(Nom. heating)			Total Heating Capacity (kW)			Total Power Input (kW)			COP (W/W)
		Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	—	2.50	—	—	1.43	2.50	3.03	0.35	0.73	0.92	3.41
	9	9	—	—	3.00	—	—	1.43	3.00	3.63	0.35	0.88	1.10	3.41
	12	12	—	—	3.80	—	—	1.43	3.80	4.60	0.35	1.11	1.34	3.41
	18	18	—	—	5.30	—	—	1.82	5.30	6.94	0.45	1.54	2.07	3.45
1:2	7+7	7	7	—	2.50	2.50	—	2.22	5.00	6.07	0.54	1.39	1.80	3.61
	7+9	7	9	—	2.45	3.15	—	2.22	5.60	6.40	0.54	1.55	1.89	3.61
	7+12	7	12	—	2.21	3.79	—	2.22	6.00	6.74	0.54	1.64	1.98	3.65
	7+18	7	18		1.79	4.61	—	2.22	6.40	7.55	0.54	1.76	2.07	3.63
	9+9	9	9	—	3.00	3.00	—	2.22	6.00	7.08	0.54	1.64	1.98	3.65
	9+12	9	12	—	2.74	3.66	—	2.22	6.40	7.28	0.54	1.75	2.01	3.65
	9+18	9	18	—	2.13	4.27	—	2.22	6.40	7.55	0.54	1.77	2.07	3.62
	12+12	12	12	—	3.20	3.20	—	2.22	6.40	7.55	0.54	1.75	2.07	3.65
1:3	7+7+7	7	7	7	2.25	2.25	2.25	2.70	6.74	7.95	0.65	1.80	2.25	3.75
	7+7+9	7	7	9	2.07	2.07	2.66	2.70	6.80	7.95	0.65	1.81	2.25	3.75
	7+7+12	7	7	12	1.86	1.86	3.18	2.70	6.90	8.09	0.65	1.84	2.25	3.75
	7+9+9	7	9	9	1.93	2.48	2.48	2.70	6.90	8.09	0.65	1.84	2.25	3.75
	9+9+9	9	9	9	2.30	2.30	2.30	2.70	6.90	8.09	0.65	1.84	2.25	3.75

CAPACITY TABLE FOR 38QUS027D8S3-1

COOLING MODE

Comb.	Indoor Units	Combinations (x1000 Btu/h)			Rated Capacity (kW)(Nom. cooling)			Total Cooling Capacity (kW)			Total Power Input (kW)			EER (W/W)
		Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	—	2.00	—	—	1.58	2.00	2.90	0.40	0.62	0.78	3.21
	9	9	—	—	2.50	—	—	1.58	2.50	3.20	0.40	0.78	0.97	3.21
	12	12	—	—	3.50	—	—	1.58	3.50	3.90	0.40	1.09	1.31	3.21
	18	18	—	—	5.00	—	—	1.78	5.00	6.50	0.50	1.55	1.79	3.22
1:2	7+7	7	7	—	2.10	2.10	—	2.21	4.20	6.32	0.64	1.30	2.08	3.23
	7+9	7	9	—	2.06	2.64	—	2.21	4.70	6.72	0.64	1.46	2.20	3.23
	7+12	7	12	—	1.95	3.35	—	2.21	5.30	7.11	0.64	1.64	2.45	3.23
	7+18	7	18	—	1.82	4.68	—	2.21	6.50	7.90	0.64	2.01	2.69	3.23
	9+9	9	9	—	2.65	2.65	—	2.21	5.30	7.11	0.64	1.64	2.45	3.23
	9+12	9	12	—	2.57	3.43	—	2.21	6.00	7.51	0.64	1.86	2.57	3.23
	9+18	9	18	—	2.27	4.53	—	2.21	6.80	7.90	0.64	2.11	2.69	3.23
	12+12	12	12	—	3.15	3.15	—	2.21	6.30	7.66	0.64	1.95	2.64	3.23
	12+18	12	18	—	2.72	4.08	—	2.21	6.80	7.90	0.64	2.11	2.69	3.23
1:3	7+7+7	7	7	7	2.43	2.43	2.43	2.77	7.30	8.69	0.76	2.26	2.91	3.23
	7+7+9	7	7	9	2.25	2.25	2.90	2.77	7.40	8.69	0.76	2.29	2.91	3.23
	7+7+12	7	7	12	2.13	2.13	3.65	2.77	7.90	8.69	0.76	2.45	2.91	3.23
	7+7+18	7	7	18	1.73	1.73	4.44	2.77	7.90	8.69	0.76	2.45	2.91	3.23
	7+9+9	7	9	9	2.13	2.74	2.74	2.77	7.60	8.69	0.76	2.35	2.91	3.23
	7+9+12	7	9	12	1.98	2.54	3.39	2.77	7.90	8.69	0.76	2.45	2.91	3.23
	7+9+18	7	9	18	1.63	2.09	4.18	2.77	7.90	8.69	0.76	2.45	2.91	3.23
	7+12+12	7	12	12	1.78	3.06	3.06	2.77	7.90	8.69	0.76	2.45	2.91	3.23
	9+9+9	9	9	9	2.63	2.63	2.63	2.77	7.90	8.69	0.76	2.45	2.91	3.23
	9+9+12	9	9	12	2.37	2.37	3.16	2.77	7.90	8.69	0.76	2.45	2.91	3.23
	9+12+12	9	12	12	2.15	2.87	2.87	2.77	7.90	8.69	0.76	2.45	2.91	3.23

HEATING MODE

Comb.	Indoor Units	Combinations (x1000 Btu/h)			Rated Capacity (kW)(Nom. heating)			Total Heating Capacity (kW)			Total Power Input (kW)			COP (W/W)
		Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	—	2.50	—	—	1.58	2.50	2.90	0.40	0.69	0.87	3.61
	9	9	—	—	3.00	—	—	1.58	3.00	3.20	0.40	0.83	1.04	3.61
	12	12	—	—	3.80	—	—	1.58	3.80	3.90	0.40	1.05	1.26	3.61
	18	18	—	—	5.60	—	—	1.82	5.60	6.95	0.50	1.55	1.78	3.61
1:2	7+7	7	7	—	2.50	2.50	—	2.21	5.00	6.32	0.55	1.38	1.81	3.62
	7+9	7	9	—	2.45	3.15	—	2.21	5.60	6.72	0.55	1.54	1.91	3.63
	7+12	7	12	—	2.21	3.79	—	2.21	6.00	7.11	0.55	1.61	2.12	3.72
	7+18	7	18	—	1.96	5.04	—	2.21	7.00	7.90	0.55	1.88	2.34	3.73
	9+9	9	9	—	3.00	3.00	—	2.21	6.00	7.11	0.55	1.61	2.12	3.72
	9+12	9	12	—	2.70	3.60	—	2.21	6.30	7.51	0.55	1.69	2.23	3.73
	9+18	9	18	—	2.33	4.67	—	2.21	7.00	7.90	0.55	1.88	2.34	3.72
	12+12	12	12	—	3.25	3.25	—	2.21	6.50	7.66	0.55	1.74	2.29	3.73
	12+18	12	18	—	2.80	4.20	—	2.21	7.00	7.90	0.55	1.88	2.34	3.72
1:3	7+7+7	7	7	7	2.27	2.27	2.27	2.77	6.80	8.69	0.66	1.82	2.53	3.73
	7+7+9	7	7	9	2.13	2.13	2.74	2.77	7.00	8.69	0.66	1.88	2.53	3.72
	7+7+12	7	7	12	2.05	2.05	3.52	2.77	7.62	8.69	0.66	2.04	2.53	3.73
	7+7+18	7	7	18	1.75	1.75	4.50	2.77	8.00	8.69	0.66	2.15	2.53	3.72
	7+9+9	7	9	9	2.13	2.74	2.74	2.77	7.62	8.69	0.66	2.04	2.53	3.73
	7+9+12	7	9	12	1.98	2.54	3.39	2.77	7.90	8.69	0.66	2.12	2.53	3.72
	7+9+18	7	9	18	1.65	2.12	4.24	2.77	8.00	8.69	0.66	2.15	2.53	3.72
	7+12+12	7	12	12	1.81	3.10	3.10	2.77	8.00	8.69	0.66	2.15	2.53	3.72
	9+9+9	9	9	9	2.63	2.63	2.63	2.77	7.90	8.69	0.66	2.12	2.53	3.72
	9+9+12	9	9	12	2.40	2.40	3.20	2.77	8.00	8.69	0.66	2.15	2.53	3.72
	9+12+12	9	12	12	2.18	2.91	2.91	2.77	8.00	8.69	0.66	2.15	2.53	3.72

CAPACITY TABLE FOR 38QUS028D8S4

COOLING MODE

Comb.	Indoor Units	Combinations (x1000 Btu/h)				Rated Capacity (kW)(Nom. cooling)				Total Cooling Capacity (kW)			Total Power Input (kW)			EER (W/W)
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	—	—	2.00	—	—	—	1.52	2.00	2.90	0.40	0.62	0.78	3.21
	9	9	—	—	—	2.50	—	—	—	1.52	2.50	3.20	0.40	0.78	0.97	3.21
	12	12	—	—	—	3.50	—	—	—	1.52	3.50	3.90	0.40	1.09	1.31	3.21
	18	18	—	—	—	5.00	—	—	—	1.72	5.00	6.50	0.50	1.55	1.79	3.22
	24	24	—	—	—	7.00	—	—	—	1.89	7.00	8.20	0.65	2.17	2.28	3.22
1:2	7+7	7	7	—	—	2.10	2.10	—	—	2.05	4.20	6.08	0.62	1.31	1.98	3.21
	7+9	7	9	—	—	2.06	2.64	—	—	2.05	4.70	6.40	0.62	1.46	2.10	3.21
	7+12	7	12	—	—	1.95	3.35	—	—	2.05	5.30	6.81	0.62	1.65	2.23	3.21
	7+18	7	18	—	—	1.96	5.04	—	—	2.05	7.00	7.55	0.62	2.18	2.72	3.21
	7+24	7	24	—	—	2.03	6.97	—	—	2.05	9.00	8.78	0.62	2.80	2.94	3.21
	9+9	9	9	—	—	2.65	2.65	—	—	2.05	5.30	6.81	0.62	1.65	2.23	3.21
	9+12	9	12	—	—	2.57	3.43	—	—	2.05	6.00	6.98	0.62	1.87	2.35	3.21
	9+18	9	18	—	—	2.43	4.87	—	—	2.05	7.30	7.55	0.62	2.27	2.72	3.21
	9+24	9	24	—	—	2.70	7.20	—	—	2.05	9.90	8.37	0.62	3.08	2.97	3.21
	12+12	12	12	—	—	3.25	3.25	—	—	2.05	6.50	7.39	0.62	2.02	2.42	3.21
	12+18	12	18	—	—	2.92	4.38	—	—	2.05	7.30	7.55	0.62	2.27	2.72	3.21
	12+24	12	24	—	—	3.17	6.33	—	—	2.05	9.50	7.96	0.62	2.96	2.99	3.21
	18+18	18	18	—	—	3.75	3.75	—	—	2.05	7.50	7.55	0.62	2.34	2.72	3.21
1:3	7+7+7	7	7	7	—	2.00	2.00	2.00	—	2.63	6.00	8.46	0.74	1.85	2.87	3.25
	7+7+9	7	7	9	—	1.98	1.98	2.54	—	2.63	6.50	8.46	0.74	2.00	2.87	3.25
	7+7+12	7	7	12	—	1.91	1.91	3.28	—	2.63	7.10	8.46	0.74	2.18	2.87	3.25
	7+7+18	7	7	18	—	1.71	1.71	4.39	—	2.63	7.80	8.46	0.74	2.40	2.87	3.25
	7+9+9	7	9	9	—	1.90	2.45	2.68	—	2.63	6.80	8.46	0.74	2.09	2.87	3.25
	7+9+12	7	9	12	—	1.88	2.41	3.21	—	2.63	7.50	8.46	0.74	2.31	2.87	3.25
	7+9+18	7	9	18	—	1.61	2.06	4.13	—	2.63	7.80	8.46	0.74	2.40	2.87	3.25
	7+12+12	7	12	12	—	1.76	3.02	3.02	—	2.63	7.80	8.46	0.74	2.40	2.87	3.25
	9+9+9	9	9	9	—	2.37	2.37	2.37	—	2.63	7.10	8.46	0.74	2.18	2.87	3.25
	9+9+12	9	9	12	—	2.34	2.34	3.12	—	2.63	7.80	8.46	0.74	2.40	2.87	3.25
	9+9+18	9	9	18	—	1.95	1.95	3.90	—	2.63	7.80	8.46	0.74	2.40	2.87	3.25
	9+12+12	9	12	12	—	2.13	2.84	2.84	—	2.63	7.80	8.46	0.74	2.40	2.87	3.25
	12+12+12	12	12	12	—	2.60	2.60	2.60	—	2.63	7.80	8.46	0.74	2.40	2.87	3.25
1:4	7+7+7+7	7	7	7	7	2.05	2.05	2.05	2.05	3.04	8.21	9.93	0.84	2.47	3.09	3.32
	7+7+7+9	7	7	7	9	1.92	1.92	1.92	2.46	3.04	8.21	9.93	0.84	2.47	3.09	3.32
	7+7+7+12	7	7	7	12	1.74	1.74	1.74	2.99	3.04	8.21	9.93	0.84	2.47	3.09	3.32
	7+7+9+9	7	7	9	9	1.80	1.80	2.31	2.31	3.04	8.21	9.93	0.84	2.47	3.09	3.32
	7+7+9+12	7	7	9	12	1.64	1.64	2.11	2.81	3.04	8.21	9.93	0.84	2.49	3.09	3.30
	7+9+9+9	7	9	9	9	1.69	2.17	2.17	2.17	3.04	8.21	9.93	0.84	2.48	3.09	3.31
	9+9+9+9	9	9	9	9	2.05	2.05	2.05	2.05	3.04	8.21	9.93	0.84	2.50	3.09	3.29

HEATING MODE

Comb.	Indoor Units	Combinations (x1000 Btu/h)				Rated Capacity (kW)(Nom. heating)				Total Heating Capacity (kW)			Total Power Input (kW)			COP (W/W)
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	—	—	2.50	—	—	—	1.68	2.50	2.90	0.40	0.69	0.87	3.61
	9	9	—	—	—	3.00	—	—	—	1.68	3.00	3.20	0.40	0.83	1.04	3.61
	12	12	—	—	—	3.80	—	—	—	1.68	3.80	3.90	0.40	1.05	1.26	3.61
	18	18	—	—	—	5.60	—	—	—	1.91	5.60	7.01	0.50	1.55	1.78	3.61
	24	24	—	—	—	7.60	—	—	—	1.91	7.60	8.50	0.70	2.11	2.21	3.61
1:2	7+7	7	7	—	—	2.50	2.50	—	—	2.28	5.00	6.73	0.61	1.39	1.96	3.61
	7+9	7	9	—	—	2.45	3.15	—	—	2.28	5.60	7.10	0.61	1.55	2.08	3.61
	7+12	7	12	—	—	2.21	3.79	—	—	2.28	6.00	7.55	0.61	1.66	2.20	3.61
	7+18	7	18	—	—	2.18	5.62	—	—	2.28	7.80	8.37	0.61	2.16	2.69	3.61
	7+24	7	24	—	—	2.21	7.59	—	—	2.28	9.80	9.74	0.61	2.71	2.91	3.61
	9+9	9	9	—	—	3.00	3.00	—	—	2.28	6.00	7.55	0.61	1.66	2.20	3.61
	9+12	9	12	—	—	3.00	4.00	—	—	2.28	7.00	7.74	0.61	1.94	2.32	3.61
	9+18	9	18	—	—	2.63	5.27	—	—	2.28	7.90	8.37	0.61	2.19	2.69	3.61
	9+24	9	24	—	—	2.59	6.91	—	—	2.28	9.50	9.28	0.61	2.63	2.94	3.61
	12+12	12	12	—	—	3.75	3.75	—	—	2.28	7.50	8.19	0.61	2.08	2.40	3.61
	12+18	12	18	—	—	3.20	4.80	—	—	2.28	8.00	8.37	0.61	2.22	2.69	3.61
	12+24	12	24	—	—	3.33	6.67	—	—	2.28	10.00	8.37	0.61	2.77	2.69	3.61
	18+18	18	18	—	—	4.00	4.00	—	—	2.28	8.00	8.37	0.61	2.22	2.69	3.61
1:3	7+7+7	7	7	7	—	2.33	2.33	2.33	—	2.91	7.00	9.37	0.73	1.92	2.84	3.65
	7+7+9	7	7	9	—	2.37	2.37	3.05	—	2.91	7.80	9.37	0.73	2.14	2.84	3.65
	7+7+12	7	7	12	—	2.29	2.29	3.92	—	2.91	8.50	9.37	0.73	2.28	2.84	3.73
	7+7+18	7	7	18	—	1.93	1.93	4.95	—	2.91	8.80	9.37	0.73	2.37	2.84	3.72
	7+9+9	7	9	9	—	2.38	3.06	2.68	—	2.91	8.50	9.37	0.73	2.28	2.84	3.73
	7+9+12	7	9	12	—	2.20	2.83	3.77	—	2.91	8.80	9.37	0.73	2.36	2.84	3.73
	7+9+18	7	9	18	—	1.81	2.33	4.66	—	2.91	8.80	9.37	0.73	2.37	2.84	3.72
	7+12+12	7	12	12	—	1.99	3.41	3.41	—	2.91	8.80	9.37	0.73	2.36	2.84	3.73
	9+9+9	9	9	9	—	2.93	2.93	2.93	—	2.91	8.80	9.37	0.73	2.36	2.84	3.73
	9+9+12	9	9	12	—	2.64	2.64	3.52	—	2.91	8.80	9.37	0.73	2.36	2.84	3.73
	9+9+18	9	9	18	—	2.20	2.20	4.40	—	2.91	8.80	9.37	0.73	2.37	2.84	3.72
	9+12+12	9	12	12	—	2.40	3.20	3.20	—	2.91	8.80	9.37	0.73	2.37	2.84	3.72
	12+12+12	12	12	12	—	2.93	2.93	2.93	—	2.91	8.80	9.37	0.73	2.37	2.84	3.72
1:4	7+7+7+7	7	7	7	7	2.28	2.28	2.28	2.28	3.37	9.10	11.01	0.83	2.45	3.06	3.72
	7+7+7+9	7	7	7	9	2.12	2.12	2.12	2.73	3.37	9.10	11.01	0.83	2.45	3.06	3.72
	7+7+7+12	7	7	7	12	1.93	1.93	1.93	3.31	3.37	9.10	11.01	0.83	2.45	3.06	3.72
	7+7+9+9	7	7	9	9	1.99	1.99	2.56	2.56	3.37	9.10	11.01	0.83	2.45	3.06	3.72
	7+7+9+12	7	7	9	12	1.82	1.82	2.34	3.12	3.37	9.10	11.01	0.83	2.45	3.06	3.72
	7+9+9+9	7	9	9	9	1.87	2.41	2.41	2.41	3.37	9.10	11.01	0.83	2.45	3.06	3.72
	9+9+9+9	9	9	9	9	2.28	2.28	2.28	2.28	3.37	9.10	11.01	0.83	2.45	3.06	3.72

MULIT

CAPACITY TABLE FOR 38QUS036D8S4

COOLING MODE

Comb.	Indoor Units	Combinations (x1000 Btu/h)				Rated Capacity (kW)(Nom. cooling)				Total Cooling Capacity (kW)			Total Power Input (kW)			EER (W/W)
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	—	—	2.00	—	—	—	1.59	2.00	2.90	0.45	0.62	0.78	3.21
	9	9	—	—	—	2.50	—	—	—	1.59	2.50	3.20	0.45	0.78	0.97	3.21
	12	12	—	—	—	3.50	—	—	—	1.59	3.50	3.90	0.45	1.09	1.31	3.21
	18	18	—	—	—	5.00	—	—	—	1.80	5.00	6.50	0.58	1.56	1.79	3.21
	24	24	—	—	—	7.00	—	—	—	2.01	7.00	8.00	0.62	2.18	2.29	3.21
1:2	7+7	7	7	—	—	2.10	2.10	—	—	2.23	4.20	6.36	0.63	1.31	2.15	3.21
	7+9	7	9	—	—	2.06	2.64	—	—	2.23	4.70	6.57	0.63	1.46	2.31	3.21
	7+12	7	12	—	—	2.03	3.47	—	—	2.23	5.50	6.89	0.63	1.71	2.48	3.21
	7+24	7	24	—	—	2.05	7.05	—	—	2.23	9.10	11.21	0.63	2.83	3.14	3.21
	7+18	7	18	—	—	1.96	5.04	—	—	2.23	7.00	8.48	0.63	2.18	2.91	3.21
	9+9	9	9	—	—	2.65	2.65	—	—	2.23	5.30	6.89	0.63	1.65	2.48	3.21
	9+12	9	12	—	—	2.57	3.43	—	—	2.23	6.00	7.42	0.63	1.87	2.64	3.21
	9+18	9	18	—	—	2.50	5.00	—	—	2.23	7.50	9.54	0.63	2.34	2.97	3.21
	9+24	9	24	—	—	2.65	7.05	—	—	2.23	9.70	11.80	0.63	3.02	3.30	3.21
	12+12	12	12	—	—	3.50	3.50	—	—	2.23	7.00	7.95	0.63	2.18	2.81	3.21
	12+18	12	18	—	—	3.40	5.10	—	—	2.23	8.50	10.07	0.63	2.65	2.97	3.21
	12+24	12	24	—	—	3.33	6.67	—	—	2.23	10.00	11.80	0.63	3.12	3.24	3.21
	18+18	18	18	—	—	5.00	5.00	—	—	2.23	10.00	10.60	0.63	3.12	3.30	3.21
1:3	7+7+7	7	7	7	—	2.00	2.00	2.00	—	2.86	6.00	7.42	0.79	1.85	2.97	3.25
	7+7+9	7	7	9	—	1.98	1.98	2.54	—	2.86	6.50	7.95	0.79	2.01	3.14	3.23
	7+7+12	7	7	12	—	2.02	2.02	3.46	—	2.86	7.50	9.01	0.79	2.33	3.30	3.22
	7+7+18	7	7	18	—	1.97	1.97	5.06	—	2.86	9.00	11.66	0.79	2.80	3.63	3.21
	7+7+24	7	7	24	—	2.03	2.03	6.95	—	2.86	11.00	13.25	0.79	3.42	3.80	3.22
	7+9+9	7	9	9	—	1.96	2.52	2.52	—	2.86	7.00	9.01	0.79	2.17	3.30	3.23
	7+9+12	7	9	12	—	2.00	2.57	3.43	—	2.86	8.00	10.07	0.79	2.48	3.47	3.22
	7+9+18	7	9	18	—	1.96	2.51	5.03	—	2.86	9.50	11.66	0.79	2.96	3.63	3.21
	7+9+24	7	9	24	—	2.01	2.59	6.90	—	2.86	11.50	13.25	0.79	3.57	3.83	3.22
	7+12+12	7	12	12	—	2.03	3.48	3.48	—	2.86	9.00	10.60	0.79	2.80	3.47	3.21
	7+12+18	7	12	18	—	1.89	3.24	4.86	—	2.86	10.00	11.66	0.79	3.12	3.63	3.21
	7+12+24	7	12	24	—	1.87	3.21	6.42	—	2.86	11.50	13.25	0.79	3.57	3.76	3.22
	7+18+18	7	18	18	—	1.63	4.19	4.19	—	2.86	10.00	11.66	0.79	3.12	3.63	3.21
	9+9+9	9	9	9	—	2.50	2.50	2.50	—	2.86	7.50	10.07	0.79	2.34	3.47	3.21
	9+9+12	9	9	12	—	2.55	2.55	3.40	—	2.86	8.50	10.60	0.79	2.65	3.47	3.21
	9+9+18	9	9	18	—	2.50	2.50	5.00	—	2.86	10.00	11.66	0.79	3.12	3.63	3.21
	9+9+24	9	9	24	—	2.46	2.46	6.57	—	2.86	11.50	11.66	0.79	3.57	3.63	3.22
	9+12+12	9	12	12	—	2.59	3.45	3.45	—	2.86	9.50	11.66	0.79	2.96	3.63	3.21
	9+12+18	9	12	18	—	2.31	3.08	4.62	—	2.86	10.00	11.66	0.79	3.12	3.63	3.21
	9+12+24	9	12	24	—	2.00	2.67	5.33	—	2.86	10.00	11.66	0.79	3.11	3.63	3.22
	9+18+18	9	18	18	—	2.00	4.00	4.00	—	2.86	10.00	11.66	0.79	3.12	3.63	3.21
	12+12+12	12	12	12	—	3.33	3.33	3.33	—	2.86	10.00	11.66	0.79	3.12	3.63	3.21
	12+12+18	12	12	18	—	2.86	2.86	4.29	—	2.86	10.00	11.66	0.79	3.12	3.63	3.21
1:4	7+7+7+7	7	7	7	7	2.05	2.05	2.05	2.05	3.71	8.20	10.60	0.89	2.30	3.30	3.56
	7+7+7+9	7	7	7	9	1.98	1.98	1.98	2.55	3.71	8.50	11.66	0.89	2.50	3.47	3.40
	7+7+7+12	7	7	7	12	2.02	2.02	2.02	3.45	3.71	9.50	12.72	0.89	2.88	3.63	3.30
	7+7+7+18	7	7	7	18	1.88	1.88	1.88	4.85	3.71	10.50	13.78	0.89	3.27	4.29	3.21
	7+7+9+9	7	7	9	9	1.97	1.97	2.53	2.53	3.71	9.00	12.72	0.89	2.73	3.63	3.30
	7+7+9+12	7	7	9	12	2.00	2.00	2.57	3.43	3.71	10.00	13.25	0.89	3.12	3.96	3.21
	7+7+9+18	7	7	9	18	1.79	1.79	2.30	4.61	3.71	10.50	13.78	0.89	3.27	4.29	3.21
	7+7+12+12	7	7	12	12	1.93	1.93	3.32	3.32	3.71	10.50	13.78	0.89	3.27	4.29	3.21
	7+9+9+9	7	9	9	9	1.96	2.51	2.51	2.51	3.71	9.50	13.25	0.89	2.94	3.80	3.23
	7+9+9+12	7	9	9	12	2.01	2.58	2.58	3.44	3.71	10.60	13.78	0.89	3.30	4.29	3.21
	7+9+9+18	7	9	9	18	1.73	2.22	2.22	4.44	3.71	10.60	13.78	0.89	3.30	4.29	3.21
	7+9+12+12	7	9	12	12	1.86	2.39	3.18	3.18	3.71	10.60	13.78	0.89	3.30	4.29	3.21
	7+12+12+12	7	12	12	12	1.73	2.96	2.96	2.96	3.71	10.60	13.78	0.89	3.30	4.29	3.21
	9+9+9+9	9	9	9	9	2.65	2.65	2.65	2.65	3.71	10.60	13.78	0.89	3.30	4.29	3.21
	9+9+9+12	9	9	9	12	2.45	2.45	2.45	3.26	3.71	10.60	13.78	0.89	3.30	4.29	3.21
	9+9+9+18	9	9	9	18	2.12	2.12	2.12	4.24	3.71	10.60	13.78	0.89	3.30	4.29	3.21
	9+9+12+12	9	9	12	12	2.27	2.27	3.03	3.03	3.71	10.60	13.78	0.89	3.30	4.29	3.21
	9+12+12+12	9	12	12	12	2.12	2.83	2.83	2.83	3.71	10.60	13.78	0.89	3.30	4.29	3.21

CAPACITY TABLE FOR 38QUS036D8S4

HEATING

Comb.	Indoor Units	Combinations (x1000 Btu/h)				Rated Capacity (kW)(Nom. heating)				Total Heating Capacity (kW)			Total Power Input (kW)			COP (W/W)
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	
1:1	7	7	—	—	—	2.50	—	—	—	1.80	2.50	2.90	0.45	0.69	0.86	3.62
	9	9	—	—	—	3.00	—	—	—	1.80	3.00	3.20	0.45	0.83	1.04	3.62
	12	12	—	—	—	3.80	—	—	—	1.80	3.80	3.90	0.45	1.05	1.26	3.62
	18	18	—	—	—	5.60	—	—	—	2.04	5.60	7.00	0.55	1.55	1.78	3.61
	24	24	—	—	—	7.60	—	—	—	2.04	7.60	8.50	0.70	2.11	2.21	3.61
1:2	7+7	7	7	—	—	2.50	2.50	—	—	2.52	5.00	7.20	0.63	1.38	2.15	3.63
	7+9	7	9	—	—	2.45	3.15	—	—	2.52	5.60	7.44	0.63	1.54	2.31	3.63
	7+12	7	12	—	—	2.21	3.79	—	—	2.52	6.00	7.80	0.63	1.65	2.48	3.63
	7+18	7	18	—	—	2.24	5.76	—	—	2.52	8.00	9.60	0.63	2.21	2.91	3.62
	7+24	7	24	—	—	2.21	7.59	—	—	2.52	9.80	11.40	0.63	2.71	3.21	3.62
	9+9	9	9	—	—	3.00	3.00	—	—	2.52	6.00	7.80	0.63	1.65	2.48	3.63
	9+12	9	12	—	—	3.00	4.00	—	—	2.52	7.00	8.40	0.63	1.93	2.64	3.63
	9+18	9	18	—	—	2.93	5.87	—	—	2.52	8.80	10.80	0.63	2.43	2.98	3.62
	9+24	9	24	—	—	2.78	7.42	—	—	2.52	10.20	12.00	0.63	2.82	3.31	3.62
	12+12	12	12	—	—	3.75	3.75	—	—	2.52	7.50	9.00	0.63	2.07	2.81	3.62
	12+18	12	18	—	—	3.76	5.64	—	—	2.52	9.40	11.40	0.63	2.60	2.98	3.62
	12+24	12	24	—	—	3.50	7.00	—	—	2.52	10.50	12.00	0.63	2.90	3.24	3.62
	18+18	18	18	—	—	5.50	5.50	—	—	2.52	11.00	12.00	0.63	3.05	3.31	3.61
1:3	7+7+7	7	7	7	—	2.50	2.50	2.50	—	3.24	7.50	8.40	0.79	2.05	2.98	3.65
	7+7+9	7	7	9	—	2.37	2.37	3.05	—	3.24	7.80	9.00	0.79	2.14	3.14	3.65
	7+7+12	7	7	12	—	2.29	2.29	3.92	—	3.24	8.50	10.20	0.79	2.33	3.31	3.65
	7+7+18	7	7	18	—	2.52	2.52	6.47	—	3.24	11.50	13.20	0.79	3.17	3.64	3.63
	7+7+24	7	7	24	—	2.21	2.21	7.58	—	3.24	12.00	13.80	0.79	3.31	3.80	3.63
	7+9+9	7	9	9	—	2.38	3.06	3.06	—	3.24	8.50	10.20	0.79	2.33	3.31	3.65
	7+9+12	7	9	12	—	2.50	3.21	4.29	—	3.24	10.00	11.40	0.79	2.74	3.47	3.65
	7+9+18	7	9	18	—	2.37	3.04	6.09	—	3.24	11.50	13.20	0.79	3.17	3.64	3.63
	7+9+24	7	9	24	—	2.10	2.70	7.20	—	3.24	12.00	13.80	0.79	3.31	3.83	3.63
	7+12+12	7	12	12	—	2.48	4.26	4.26	—	3.24	11.00	12.00	0.79	3.03	3.47	3.63
	7+12+18	7	12	18	—	2.18	3.73	5.59	—	3.24	11.50	13.20	0.79	3.18	3.64	3.62
	7+12+24	7	12	24	—	1.95	3.35	6.70	—	3.24	12.00	13.80	0.79	3.31	3.77	3.62
	7+18+18	7	18	18	—	1.87	4.81	4.81	—	3.24	11.50	13.20	0.79	3.19	3.64	3.61
	9+9+9	9	9	9	—	3.33	3.33	3.33	—	3.24	10.00	11.40	0.79	2.75	3.47	3.63
	9+9+12	9	9	12	—	3.30	3.30	4.40	—	3.24	11.00	12.00	0.79	3.03	3.47	3.63
	9+9+18	9	9	18	—	2.88	2.88	5.75	—	3.24	11.50	13.20	0.79	3.19	3.64	3.61
	9+9+24	9	9	24	—	2.57	2.57	6.86	—	3.24	12.00	13.80	0.79	3.32	3.77	3.61
	9+12+12	9	12	12	—	3.14	4.18	4.18	—	3.24	11.50	13.20	0.79	3.17	3.64	3.63
	9+12+18	9	12	18	—	2.65	3.54	5.31	—	3.24	11.50	13.20	0.79	3.18	3.64	3.62
	9+12+24	9	12	24	—	2.30	3.07	6.13	—	3.24	11.50	13.20	0.79	3.18	3.64	3.62
	9+18+18	9	18	18	—	2.30	4.60	4.60	—	3.24	11.50	13.20	0.79	3.19	3.64	3.61
	12+12+12	12	12	12	—	3.83	3.83	3.83	—	3.24	11.50	13.20	0.79	3.17	3.64	3.63
	12+12+18	12	12	18	—	3.29	3.29	4.93	—	3.24	11.50	13.20	0.79	3.19	3.64	3.61
1:4	7+7+7+7	7	7	7	7	2.50	2.50	2.50	2.50	4.20	10.00	12.00	0.89	2.59	3.31	3.86
	7+7+7+9	7	7	7	9	2.57	2.57	2.57	3.30	4.20	11.00	12.60	0.89	2.93	3.47	3.75
	7+7+7+12	7	7	7	12	2.50	2.50	2.50	4.29	4.20	11.80	13.20	0.89	3.19	3.64	3.70
	7+7+7+18	7	7	7	18	2.15	2.15	2.15	5.54	4.20	12.00	14.40	0.89	3.29	4.30	3.65
	7+7+9+9	7	7	9	9	2.58	2.58	3.32	3.32	4.20	11.80	13.20	0.89	3.19	3.64	3.70
	7+7+9+12	7	7	9	12	2.40	2.40	3.09	4.11	4.20	12.00	13.80	0.89	3.24	3.97	3.70
	7+7+9+18	7	7	9	18	2.05	2.05	2.63	5.27	4.20	12.00	14.40	0.89	3.31	4.30	3.63
	7+7+12+12	7	7	12	12	2.21	2.21	3.79	3.79	4.20	12.00	14.40	0.89	3.29	4.30	3.65
	7+9+9+9	7	9	9	9	2.47	3.18	3.18	3.18	4.20	12.00	13.80	0.89	3.24	3.80	3.70
	7+9+9+12	7	9	9	12	2.27	2.92	2.92	3.89	4.20	12.00	14.40	0.89	3.30	4.30	3.64
	7+9+9+18	7	9	9	18	1.95	2.51	2.51	5.02	4.20	12.00	14.40	0.89	3.31	4.30	3.63
	7+9+12+12	7	9	12	12	2.10	2.70	3.60	3.60	4.20	12.00	14.40	0.89	3.30	4.30	3.64
	7+12+12+12	7	12	12	12	1.95	3.35	3.35	3.35	4.20	12.00	14.40	0.89	3.31	4.30	3.63
	7+12+12+18	7	12	12	18	1.71	2.94	2.94	4.41	4.20	12.00	14.40	0.89	3.31	4.30	3.63
	9+9+9+9	9	9	9	9	3.00	3.00	3.00	3.00	4.20	12.00	14.40	0.89	3.31	4.30	3.63
	9+9+9+12	9	9	9	12	2.77	2.77	2.77	3.69	4.20	12.00	14.40	0.89	3.31	4.30	3.63
	9+9+9+18	9	9	9	18	2.40	2.40	2.40	4.80	4.20	12.00	14.40	0.89	3.31	4.30	3.63
	9+9+12+12	9	9	12	12	2.57	2.57	3.43	3.43	4.20	12.00	14.40	0.89	3.31	4.30	3.63
	9+12+12+12	9	12	12	12	2.40	3.20	3.20	3.20	4.20	12.00	14.40	0.89	3.31	4.30	3.63

CAPACITY TABLE FOR 38QUS042D8S5

Indoor Combination and Variable Capacity for 42K Heat Pump(System 5)

COOLING

Comb.	Indoor Units	Combinations (x1000 Btu/h)					Rated Capacity (kW)(Nom. cooling)					Total Cooling Capacity (kW)			Total Power Input (kW)			EER (W/W)
		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.	
1:1	7	7	—	—	—	—	2.00	—	—	—	—	1.66	2.00	2.90	0.45	0.62	0.78	3.22
	9	9	—	—	—	—	2.50	—	—	—	—	1.66	2.50	3.20	0.45	0.78	0.97	3.22
	12	12	—	—	—	—	3.50	—	—	—	—	1.66	3.50	3.90	0.45	1.09	1.30	3.22
	18	18	—	—	—	—	5.00	—	—	—	—	1.85	5.00	6.50	0.58	1.56	1.79	3.21
	24	24	—	—	—	—	7.00	—	—	—	—	2.09	7.00	8.20	0.70	2.18	2.29	3.21
1:2	7+7	7	7	—	—	—	2.10	2.10	—	—	—	2.34	4.20	7.38	0.63	1.30	2.16	3.23
	7+9	7	9	—	—	—	2.06	2.64	—	—	—	2.34	4.70	7.63	0.63	1.46	2.31	3.23
	7+12	7	12	—	—	—	2.03	3.47	—	—	—	2.34	5.50	8.00	0.63	1.70	2.50	3.23
	7+18	7	18	—	—	—	1.96	5.04	—	—	—	2.34	7.00	9.84	0.63	2.17	2.65	3.23
	7+24	7	24	—	—	—	2.05	7.05	—	—	—	2.34	9.10	11.69	0.63	2.83	2.98	3.21
	9+9	9	9	—	—	—	2.65	2.65	—	—	—	2.34	5.30	8.00	0.63	1.64	2.50	3.23
	9+12	9	12	—	—	—	2.57	3.43	—	—	—	2.34	6.00	8.61	0.63	1.86	2.53	3.23
	9+18	9	18	—	—	—	2.50	5.00	—	—	—	2.34	7.50	11.07	0.63	2.34	2.80	3.21
	9+24	9	24	—	—	—	2.65	7.05	—	—	—	2.34	9.70	12.30	0.63	3.02	3.17	3.21
	12+12	12	12	—	—	—	3.50	3.50	—	—	—	2.34	7.00	9.23	0.63	2.17	2.65	3.23
	12+18	12	18	—	—	—	3.40	5.10	—	—	—	2.34	8.50	11.69	0.63	2.65	3.06	3.21
	12+24	12	24	—	—	—	3.33	6.67	—	—	—	2.34	10.00	12.30	0.63	3.12	3.35	3.21
	18+18	18	18	—	—	—	5.25	5.25	—	—	—	2.34	10.50	12.30	0.63	3.27	3.35	3.21
1:3	7+7+7	7	7	7	—	—	2.00	2.00	2.00	—	—	2.89	6.00	7.38	0.78	1.85	2.98	3.25
	7+7+9	7	7	9	—	—	1.98	1.98	2.54	—	—	2.89	6.50	8.61	0.78	2.00	3.17	3.25
	7+7+12	7	7	12	—	—	2.02	2.02	3.46	—	—	2.89	7.50	9.23	0.78	2.31	3.35	3.25
	7+7+18	7	7	18	—	—	1.97	1.97	5.06	—	—	2.89	9.00	11.07	0.78	2.78	3.54	3.24
	7+7+24	7	7	24	—	—	2.03	2.03	6.95	—	—	2.89	11.00	12.92	0.78	3.42	3.73	3.22
	7+9+9	7	9	9	—	—	1.96	2.52	2.52	—	—	2.89	7.00	9.23	0.78	2.15	3.28	3.25
	7+9+12	7	9	12	—	—	2.00	2.57	3.43	—	—	2.89	8.00	10.46	0.78	2.46	3.43	3.25
	7+9+18	7	9	18	—	—	1.96	2.51	5.03	—	—	2.89	9.50	11.07	0.78	2.93	3.65	3.24
	7+9+24	7	9	24	—	—	2.01	2.59	6.90	—	—	2.89	11.50	12.92	0.78	3.57	3.88	3.22
	7+12+12	7	12	12	—	—	2.03	3.48	3.48	—	—	2.89	9.00	11.07	0.78	2.78	3.54	3.24
	7+12+18	7	12	18	—	—	1.99	3.41	5.11	—	—	2.89	10.50	12.30	0.78	3.26	3.73	3.22
	7+12+24	7	12	24	—	—	1.87	3.21	6.42	—	—	2.89	11.50	12.92	0.78	3.57	3.88	3.22
	7+18+18	7	18	18	—	—	1.87	4.81	4.81	—	—	2.89	11.50	12.92	0.78	3.57	3.88	3.22
	9+9+9	9	9	9	—	—	2.67	2.67	2.67	—	—	2.89	8.00	10.46	0.78	2.46	3.73	3.25
	9+9+12	9	9	12	—	—	2.70	2.70	3.60	—	—	2.89	9.00	12.92	0.78	2.78	3.54	3.24
	9+9+18	9	9	18	—	—	2.63	2.63	5.25	—	—	2.89	10.50	12.30	0.78	3.26	3.73	3.22
	9+9+24	9	9	24	—	—	2.46	2.46	6.57	—	—	2.89	11.50	12.92	0.78	3.57	3.88	3.22
	9+12+12	9	12	12	—	—	2.45	3.27	3.27	—	—	2.89	9.00	11.07	0.78	2.78	3.54	3.24
	9+12+18	9	12	18	—	—	2.54	3.38	5.08	—	—	2.89	11.00	11.69	0.78	3.42	3.73	3.22
	9+12+24	9	12	24	—	—	2.30	3.07	6.13	—	—	2.89	11.50	12.92	0.78	3.57	3.88	3.22
	9+18+18	9	18	18	—	—	2.40	4.80	4.80	—	—	2.89	12.00	12.92	0.78	3.74	3.88	3.21
	12+12+12	12	12	12	—	—	3.17	3.17	3.17	—	—	2.89	9.50	11.07	0.78	2.93	3.65	3.24
	12+12+18	12	12	18	—	—	3.29	3.29	4.93	—	—	2.89	11.50	12.92	0.78	3.57	3.88	3.22
	12+12+24	12	12	24	—	—	3.00	3.00	6.00	—	—	2.89	12.00	12.92	0.78	3.74	3.88	3.21
	12+18+18	12	18	18	—	—	3.00	4.50	4.50	—	—	2.89	12.00	12.92	0.78	3.74	3.88	3.21
1:4	7+7+7+7	7	7	7	7	—	2.00	2.00	2.00	2.00	—	3.69	8.00	10.50	0.89	2.45	3.35	3.26
	7+7+7+9	7	7	7	9	—	1.98	1.98	1.98	2.55	—	3.69	8.50	11.07	0.89	2.61	3.54	3.26
	7+7+7+12	7	7	7	12	—	2.02	2.02	2.02	3.45	—	3.69	9.50	11.69	0.89	2.92	3.65	3.25
	7+7+7+18	7	7	7	18	—	2.06	2.06	2.06	5.31	—	3.69	11.50	12.30	0.89	3.57	4.10	3.22
	7+7+7+24	7	7	7	24	—	1.87	1.87	1.87	6.40	—	3.69	12.00	13.53	0.89	3.74	4.29	3.21
	7+7+9+9	7	7	9	9	—	2.08	2.08	2.67	2.67	—	3.69	9.50	11.69	0.89	2.92	3.65	3.25
	7+7+9+12	7	7	9	12	—	2.00	2.00	2.57	3.43	—	3.69	10.00	12.30	0.89	3.08	4.10	3.25
	7+7+9+18	7	7	9	18	—	1.96	1.96	2.52	5.05	—	3.69	11.50	12.30	0.89	3.57	4.10	3.22
	7+7+9+24	7	7	9	24		1.79	1.79	2.30	6.13	—	3.69	12.00	13.53	0.89	3.74	4.29	3.21
	7+7+12+12	7	7	12	12	—	1.93	1.93	3.32	3.32	—	3.69	10.50	12.92	0.89	3.25	4.10	3.23
	7+7+12+18	7	7	12	18	—	1.83	1.83	3.14	4.70	—	3.69	11.50	13.53	0.89	3.57	4.10	3.22
	7+7+12+24	7	7	12	24	—	1.72	1.72	2.95	5.90	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	7+7+18+18	7	7	18	18	—	1.72	1.72	4.43	4.43	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	7+9+9+9	7	9	9	9	—	2.06	2.65	2.65	2.65	—	3.69	10.00	12.30	0.89	3.08	4.10	3.25
	7+9+9+12	7	9	9	12	—	1.99	2.55	2.55	3.41	—	3.69	10.50	12.92	0.89	3.25	4.10	3.23
	7+9+9+18	7	9	9	18	—	1.87	2.41	2.41	4.81	—	3.69	11.50	13.53	0.89	3.57	4.10	3.22
	7+9+9+24	7	9	9	24	—	1.76	2.26	2.26	6.02	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	7+9+12+12	7	9	12	12	—	2.01	2.59	3.45	3.45	—	3.69	11.50	13.53	0.89	3.57	4.10	3.22
	7+9+12+18	7	9	12	18	—	1.83	2.35	3.13	4.70	—	3.69	12.00	13.53	0.89	3.74	4.29	3.21
	7+9+12+24	7	9	12	24	—	1.66	2.13	2.84	5.68	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	7+9+18+18	7	9	18	18	—	1.66	2.13	4.26	4.26	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	7+12+12+12	7	12	12	12	—	1.87	3.21	3.21	3.21	—	3.69	11.50	13.53	0.89	3.57	4.10	3.22
	7+12+12+18	7	12	12	18	—	1.71	2.94	2.94	4.41	—	3.69	12.00	13.53	0.89	3.74	4.29	3.21
	9+9+9+9	9	9	9	9	—	2.63	2.63	2.63	2.63	—	3.69	10.50	12.92	0.89	3.25	4.10	3.23
	9+9+9+12	9	9	9	12	—	2.65	2.65	2.65	3.54	—	3.69	11.50	13.53	0.89	3.57	4.10	3.22
	9+9+9+18	9	9	9	18	—	2.40	2.40	2.40	4.80	—	3.69	12.00	13.53	0.89	3.74	4.29	3.21
	9+9+9+24	9	9	9	24	—	2.17	2.17	2.17	5.79	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	9+9+12+12	9	9	12	12	—	2.46	2.46	3.29	3.29	—	3.69	11.50	13.53	0.89	3.57	4.10	3.22
	9+9+12+18	9	9	12	18	—	2.25	2.25	3.00	4.50	—	3.69	12.00	13.53	0.89	3.74	4.29	3.21
	9+9+12+24	9	9	12	24	—	2.05	2.05	2.73	5.47	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	9+12+12+12	9	12	12	12	—	2.30	3.07	3.07	3.07	—	3.69	11.50	13.53	0.89	3.57	4.10	3.22
	9+12+12+18	9	12	12	18	—	2.17	2.89	2.89	4.34	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	12+12+12+12	12	12	12	12	—	2.88	2.88	2.88	2.88	—	3.69	11.50	13.53	0.89	3.57	4.10	3.22
	12+12+12+18	12	12	12	18	—	2.73	2.73	2.73	4.10	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
1:5	7+7+7+7+7	7	7	7	7	7	2.10	2.10	2.10	2.10	2.10	4.18	10.50	14.00	1.01	3.09	4.96	3.40
	7+7+7+7+9	7	7	7	7	9	2.08	2.08	2.08	2.08	2.68	4.18	11.00	14.00	1.01	3.24	4.96	3.40
	7+7+7+7+12	7	7	7	7	12	2.01	2.01	2.01	2.01	3.45	4.18	11.50	14.00	1.01	3.42	4.96	3.37
	7+7+7+7+18	7	7	7	7	18	1.87	1.87	1.87	1.87	4.81	4.18	12.30	14.00	1.01	3.73	4.96	3.30
	7+7+7+9+9	7	7	7	9	9	2.06	2.06	2.06	2.65	2.65	4.18	11.50	14.00	1.01	3.42	4.96	3.37
	7+7+7+9+12	7	7	7	9	12	2.00	2.00	2.00	2.57	3.43	4.18	12.00	14.00	1.01	3.57	4.96	3.37
	7+7+7+9+18	7	7	7	9	18	1.79	1.79	1.79	2.31	4.61	4.18	12.30	14.00	1.01	3.73	4.96	3.30
	7+7+9+9+9	7	7	9	9	9	2.05	2.05	2.63	2.63	2.63	4.18	12.00	14.00	1.01	3.57	4.96	3.37
	7+7+9+9+12	7	7	9	9	12	1.96	1.96	2.52	2.52	3.35	4.18	12.30	14.00	1.01	3.69	4.96	3.33
	7+7+9+9+18	7	7	9	9	18	1.72	1.72	2.21	2.21	4.43	4.18	12.30	14.00	1.01	3.75	4.96	3.28
	7+7+12+12+12	7	7	12	12	12	1.72	1.72	2.95	2.95	2.95	4.18	12.30	14.00	1.01	3.73	4.96	3.30
	7+7+12+12+18	7	7	12	12	18	1.54	1.54	2.64	2.64	3.95	4.18	12.30	14.00	1.01	3.76	4.96	3.27
	7+9+9+9+9	7	9	9	9	9	2.00	2.57	2.57	2.57	2.57	4.18	12.30	14.00	1.01	3.69	4.96	3.33
	7+9+9+9+12	7	9	9	9	12	1.87	2.41	2.41	2.41	3.21	4.18	12.30	14.00	1.01	3.73	4.96	3.30
	7+9+9+9+18	7	9	9	9	18	1.66	2.13	2.13	2.13	4.26	4.18	12.30	14.00	1.01	3.76	4.96	3.27
	7+9+9+12+12	7	9	9	12	12	1.76	2.26	2.26	3.01	3.01	4.18	12.30	14.00	1.01	3.73	4.96	3.30
	7+9+12+12+12	7	9	12	12	12	1.66	2.13	2.84	2.84	2.84	4.18	12.30	14.00	1.01	3.75	4.96	3.28
	9+9+9+9+9	9	9	9	9	9	2.46	2.46	2.46	2.46	2.46	4.18	12.30	14.00	1.01	3.73	4.96	3.30
	9+9+9+9+12	9	9	9	9	12	2.31	2.31	2.31	2.31	3.08	4.18	12.30	14.00	1.01	3.73	4.96	3.30
	9+9+9+9+18	9	9	9	9	18	2.05	2.05	2.05	2.05	4.10	4.18	12.30	14.00	1.01	3.76	4.96	3.27
	9+9+9+12+12	9	9	9	12	12	2.17	2.17	2.17	2.89	2.89	4.18	12.30	14.00	1.01	3.75	4.96	3.28
	9+9+12+12+12	9	9	12	12	12	2.05	2.05	2.73	2.73	2.73	4.18	12.30	14.00	1.01	3.75	4.96	3.28

MULTI

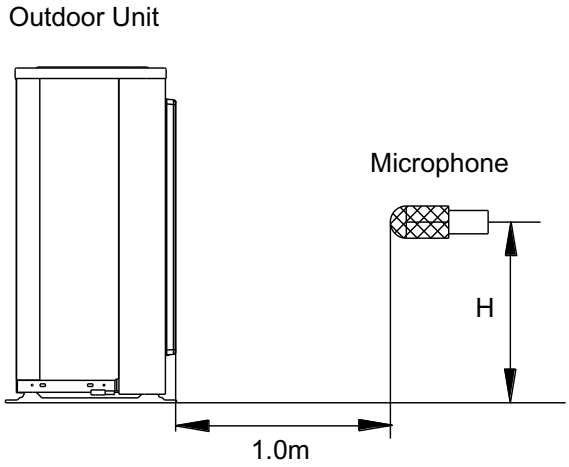
CAPACITY TABLE FOR 38QUS042D8S5

HEATING

Comb.	Indoor Units	Combinations (x1000 Btu/h)					Rated Capacity (kW)(Nom. heating)					Total Heating Capacity (kW)			Total Power Input (kW)			COP (W/W)
		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.	
1:1	7	7	—	—	—	—	2.50	—	—	—	—	1.66	2.50	2.90	0.45	0.69	0.87	3.61
	9	9	—	—	—	—	3.00	—	—	—	—	1.66	3.00	3.20	0.45	0.83	1.04	3.61
	12	12	—	—	—	—	3.80	—	—	—	—	1.66	3.80	3.90	0.45	1.05	1.26	3.61
	18	18	—	—	—	—	5.60	—	—	—	—	1.85	5.60	7.00	0.58	1.55	1.78	3.61
	24	24	—	—	—	—	7.60	—	—	—	—	2.09	7.60	8.50	0.70	2.10	2.20	3.62
1:2	7+7	7	7	—	—	—	2.50	2.50	—	—	—	2.34	5.00	7.38	0.57	1.38	1.95	3.63
	7+9	7	9	—	—	—	2.45	3.15	—	—	—	2.34	5.60	7.63	0.57	1.54	2.09	3.63
	7+12	7	12	—	—	—	2.21	3.79	—	—	—	2.34	6.00	8.00	0.57	1.65	2.26	3.63
	7+18	7	18	—	—	—	2.24	5.76	—	—	—	2.34	8.00	9.84	0.57	2.20	2.39	3.63
	7+24	7	24	—	—	—	2.21	7.59	—	—	—	2.34	9.80	11.69	0.57	2.71	2.70	3.62
	9+9	9	9	—	—	—	3.00	3.00	—	—	—	2.34	6.00	8.00	0.57	1.65	2.26	3.63
	9+12	9	12	—	—	—	2.91	3.89	—	—	—	2.34	6.80	8.61	0.57	1.87	2.29	3.63
	9+18	9	18	—	—	—	2.93	5.87	—	—	—	2.34	8.80	11.07	0.57	2.42	2.53	3.63
	9+24	9	24	—	—	—	2.78	7.42	—	—	—	2.34	10.20	12.30	0.57	2.82	2.86	3.62
	12+12	12	12	—	—	—	3.75	3.75	—	—	—	2.34	7.50	9.23	0.57	2.07	2.39	3.63
	12+18	12	18	—	—	—	3.76	5.64	—	—	—	2.34	9.40	11.69	0.57	2.59	2.76	3.63
	12+24	12	24	—	—	—	3.50	7.00	—	—	—	2.34	10.50	12.30	0.57	2.90	3.03	3.62
	18+18	18	18	—	—	—	5.50	5.50	—	—	—	2.34	11.00	12.30	0.57	3.04	3.03	3.62
1:3	7+7+7	7	7	7	—	—	2.50	2.50	2.50	—	—	2.89	7.50	8.61	0.71	2.05	2.70	3.65
	7+7+9	7	7	9	—	—	2.37	2.37	3.05	—	—	2.89	7.80	9.23	0.71	2.14	2.86	3.65
	7+7+12	7	7	12	—	—	2.29	2.29	3.92	—	—	2.89	8.50	9.84	0.71	2.33	3.03	3.65
	7+7+18	7	7	18	—	—	2.52	2.52	6.47	—	—	2.89	11.50	12.30	0.71	3.16	3.20	3.64
	7+7+24	7	7	24	—	—	2.21	2.21	7.58	—	—	2.89	12.00	12.92	0.71	3.31	3.37	3.62
	7+9+9	7	9	9	—	—	2.38	3.06	3.06	—	—	2.89	8.50	9.84	0.71	2.33	2.97	3.65
	7+9+12	7	9	12	—	—	2.50	3.21	4.29	—	—	2.89	10.00	12.30	0.71	2.74	3.10	3.65
	7+9+18	7	9	18	—	—	2.37	3.04	6.09	—	—	2.89	11.50	12.30	0.71	3.16	3.30	3.64
	7+9+24	7	9	24	—	—	2.10	2.70	7.20	—	—	2.89	12.00	12.92	0.71	3.31	3.50	3.62
	7+12+12	7	12	12	—	—	2.48	4.26	4.26	—	—	2.89	11.00	12.30	0.71	3.01	3.20	3.65
	7+12+18	7	12	18	—	—	2.18	3.73	5.59	—	—	2.89	11.50	12.30	0.71	3.17	3.37	3.63
	7+12+24	7	12	24	—	—	1.95	3.35	6.70	—	—	2.89	12.00	12.92	0.71	3.32	3.50	3.61
	7+18+18	7	18	18	—	—	1.95	5.02	5.02	—	—	2.89	12.00	12.92	0.71	3.32	3.50	3.61
	9+9+9	9	9	9	—	—	3.33	3.33	3.33	—	—	2.89	10.00	12.30	0.71	2.74	3.37	3.65
	9+9+12	9	9	12	—	—	3.30	3.30	4.40	—	—	2.89	11.00	12.30	0.71	3.01	3.20	3.65
	9+9+18	9	9	18	—	—	2.88	2.88	5.75	—	—	2.89	11.50	12.30	0.71	3.17	3.37	3.63
	9+9+24	9	9	24	—	—	2.57	2.57	6.86	—	—	2.89	12.00	12.92	0.71	3.32	3.50	3.61
	9+12+12	9	12	12	—	—	3.14	4.18	4.18	—	—	2.89	11.50	12.30	0.71	3.16	3.20	3.64
	9+12+18	9	12	18	—	—	2.77	3.69	5.54	—	—	2.89	12.00	12.92	0.71	3.31	3.37	3.62
	9+12+24	9	12	24	—	—	2.40	3.20	6.40	—	—	2.89	12.00	12.92	0.71	3.32	3.50	3.61
	9+18+18	9	18	18	—	—	2.40	4.80	4.80	—	—	2.89	12.00	12.92	0.71	3.32	3.50	3.61
	12+12+12	12	12	12	—	—	3.83	3.83	3.83	—	—	2.89	11.50	12.30	0.71	3.16	3.30	3.64
	12+12+18	12	12	18	—	—	3.43	3.43	5.14	—	—	2.89	12.00	12.92	0.71	3.31	3.50	3.62
	12+12+24	12	12	24	—	—	3.00	3.00	6.00	—	—	2.89	12.00	12.92	0.71	3.32	3.50	3.61
	12+18+18	12	18	18	—	—	3.00	4.50	4.50	—	—	2.89	12.00	12.92	0.71	3.32	3.50	3.61
1:4	7+7+7+7	7	7	7	7	—	2.50	2.50	2.50	2.50	—	3.69	10.00	12.67	0.81	2.74	3.03	3.65
	7+7+7+9	7	7	7	9	—	2.57	2.57	2.57	3.30	—	3.69	11.00	12.92	0.81	3.01	3.20	3.65
	7+7+7+12	7	7	7	12	—	2.50	2.50	2.50	4.29	—	3.69	11.80	13.53	0.81	3.23	3.30	3.65
	7+7+7+18	7	7	7	18	—	2.15	2.15	2.15	5.54	—	3.69	12.00	13.53	0.81	3.31	3.71	3.63
	7+7+7+24	7	7	7	24	—	1.91	1.91	1.91	6.56	—	3.69	12.30	13.53	0.81	3.40	3.88	3.62
	7+7+9+9	7	7	9	9	—	2.63	2.63	3.38	3.38	—	3.69	12.00	13.53	0.81	3.29	3.30	3.65
	7+7+9+12	7	7	9	12	—	2.40	2.40	3.09	4.11	—	3.69	12.00	13.53	0.81	3.29	3.71	3.65
	7+7+9+18	7	7	9	18	—	2.05	2.05	2.63	5.27	—	3.69	12.00	13.53	0.81	3.31	3.71	3.63
	7+7+9+24	7	7	9	24		1.83	1.83	2.36	6.28	—	3.69	12.30	13.53	0.81	3.41	3.88	3.61
	7+7+12+12	7	7	12	12	—	2.21	2.21	3.79	3.79	—	3.69	12.00	13.53	0.81	3.30	3.71	3.64
	7+7+12+18	7	7	12	18	—	1.91	1.91	3.27	4.91	—	3.69	12.00	13.53	0.81	3.31	3.71	3.63
	7+7+12+24	7	7	12	24	—	1.72	1.72	2.95	5.90	—	3.69	12.30	13.53	0.81	3.41	3.88	3.61
	7+7+18+18	7	7	18	18	—	1.68	1.68	4.32	4.32	—	3.69	12.00	13.53	0.81	3.32	3.88	3.61
	7+9+9+9	7	9	9	9	—	2.47	3.18	3.18	3.18	—	3.69	12.00	13.53	0.81	3.29	3.71	3.65
	7+9+9+12	7	9	9	12	—	2.27	2.92	2.92	3.89	—	3.69	12.00	13.53	0.81	3.30	3.71	3.64
	7+9+9+18	7	9	9	18	—	1.95	2.51	2.51	5.02	—	3.69	12.00	13.53	0.81	3.31	3.71	3.63
	7+9+9+24	7	9	9	24	—	1.76	2.26	2.26	6.02	—	3.69	12.30	13.53	0.81	3.41	3.88	3.61
	7+9+12+12	7	9	12	12	—	2.10	2.70	3.60	3.60	—	3.69	12.00	13.53	0.81	3.31	3.71	3.63
	7+9+12+18	7	9	12	18	—	1.83	2.35	3.13	4.70	—	3.69	12.00	13.53	0.81	3.32	3.88	3.61
	7+9+12+24	7	9	12	24	—	1.66	2.13	2.84	5.68	—	3.69	12.30	13.53	0.81	3.41	3.88	3.61
	7+9+18+18	7	9	18	18	—	1.62	2.08	4.15	4.15	—	3.69	12.00	13.53	0.81	3.31	3.88	3.62
	7+12+12+12	7	12	12	12	—	1.95	3.35	3.35	3.35	—	3.69	12.00	13.53	0.81	3.31	3.71	3.63
	7+12+12+18	7	12	12	18	—	1.71	2.94	2.94	4.41	—	3.69	12.00	13.53	0.81	3.32	3.88	3.61
	9+9+9+9	9	9	9	9	—	3.00	3.00	3.00	3.00	—	3.69	12.00	13.53	0.81	3.30	3.71	3.64
	9+9+9+12	9	9	9	12	—	2.77	2.77	2.77	3.69	—	3.69	12.00	13.53	0.81	3.31	3.71	3.63
	9+9+9+18	9	9	9	18	—	2.40	2.40	2.40	4.80	—	3.69	12.00	13.53	0.81	3.32	3.88	3.61
	9+9+9+24	9	9	9	24	—	2.17	2.17	2.17	5.79	—	3.69	12.30	13.53	0.81	3.41	3.88	3.61
	9+9+12+12	9	9	12	12	—	2.57	2.57	3.43	3.43	—	3.69	12.00	13.53	0.81	3.31	3.71	3.63
	9+9+12+18	9	9	12	18	—	2.25	2.25	3.00	4.50	—	3.69	12.00	13.53	0.81	3.32	3.88	3.61
	9+9+12+24	9	9	12	24	—	2.05	2.05	2.73	5.47	—	3.69	12.30	13.53	0.81	3.40	3.88	3.62
	9+12+12+12	9	12	12	12	—	2.40	3.20	3.20	3.20	—	3.69	12.00	13.53	0.81	3.31	3.71	3.63
	9+12+12+18	9	12	12	18	—	2.12	2.82	2.82	4.24	—	3.69	12.00	13.53	0.81	3.32	3.88	3.61
	12+12+12+12	12	12	12	12	—	3.00	3.00	3.00	3.00	—	3.69	12.00	13.53	0.81	3.31	3.71	3.63
	12+12+12+18	12	12	12	18	—	2.67	2.67	2.67	4.00	—	3.69	12.00	13.53	0.81	3.32	3.88	3.61
1:5	7+7+7+7+7	7	7	7	7	7	2.46	2.46	2.46	2.46	2.46	4.18	12.30	14.94	0.91	3.40	4.48	3.62
	7+7+7+7+9	7	7	7	7	9	2.33	2.33	2.33	2.33	2.99	4.18	12.30	14.94	0.91	3.40	4.48	3.62
	7+7+7+7+12	7	7	7	7	12	2.15	2.15	2.15	2.15	3.69	4.18	12.30	14.94	0.91	3.40	4.48	3.62
	7+7+7+7+18	7	7	7	7	18	1.87	1.87	1.87	1.87	4.81	4.18	12.30	14.94	0.91	3.37	4.48	3.65
	7+7+7+9+9	7	7	7	9	9	2.21	2.21	2.21	2.84	2.84	4.18	12.30	14.94	0.91	3.40	4.48	3.62
	7+7+7+9+12	7	7	7	9	12	2.05	2.05	2.05	2.64	3.51	4.18	12.30	14.94	0.91	3.40	4.48	3.62
	7+7+7+9+18	7	7	7	9	18	1.79	1.79	1.79	2.31	4.61	4.18	12.30	14.94	0.91	3.32	4.48	3.71
	7+7+9+9+9	7	7	9	9	9	2.10	2.10	2.70	2.70	2.70	4.18	12.30	14.94	0.91	3.40	4.48	3.62
	7+7+9+9+12	7	7	9	9	12	1.96	1.96	2.52	2.52	3.35	4.18	12.30	14.94	0.91	3.40	4.48	3.62
	7+7+9+9+18	7	7	9	9	18	1.72	1.72	2.21	2.21	4.43	4.18	12.30	14.94	0.91	3.32	4.48	3.71
	7+7+12+12+12	7	7	12	12	12	1.72	1.72	2.95	2.95	2.95	4.18	12.30	14.94	0.91	3.37	4.48	3.65
	7+7+12+12+18	7	7	12	12	18	1.54	1.54	2.64	2.64	3.95	4.18	12.30	14.94	0.91	3.28	4.48	3.75
	7+9+9+9+9	7	9	9	9	9	2.00	2.57	2.57	2.57	2.57	4.18	12.30	14.94	0.91	3.40	4.48	3.62
	7+9+9+9+12	7	9	9	9	12	1.87	2.41	2.41	2.41	3.21	4.18	12.30	14.94	0.91	3.37	4.48	3.65
	7+9+9+9+18	7	9	9	9	18	1.66	2.13	2.13	2.13	4.26	4.18	12.30	14.94	0.91	3.28	4.48	3.75
	7+9+9+12+12	7	9	9	12	12	1.76	2.26	2.26	3.01	3.01	4.18	12.30	14.94	0.91	3.37	4.48	3.65
	7+9+12+12+12	7	9	12	12	12	1.66	2.13	2.84	2.84	2.84	4.18	12.30	14.94	0.91	3.32	4.48	3.71
	9+9+9+9+9	9	9	9	9	9	2.46	2.46	2.46	2.46	2.46	4.18	12.30	14.94	0.91	3.37	4.48	3.65
	9+9+9+9+12	9	9	9	9	12	2.31	2.31	2.31	2.31	3.08	4.18	12.30	14.94	0.91	3.37	4.48	3.65
	9+9+9+9+18	9	9	9	9	18	2.05	2.05	2.05	2.05	4.10	4.18	12.30	14.94	0.91	3.28	4.48	3.75
	9+9+9+12+12	9	9	9	12	12	2.17	2.17	2.17	2.89	2.89	4.18	12.30	14.94	0.91	3.32	4.48	3.71
	9+9+12+12+12	9	9	12	12	12	2.05	2.05	2.73	2.73	2.73	4.18	12.30	14.94	0.91	3.32	4.48	3.71

MULIT

NOISE CRITERION CURVES

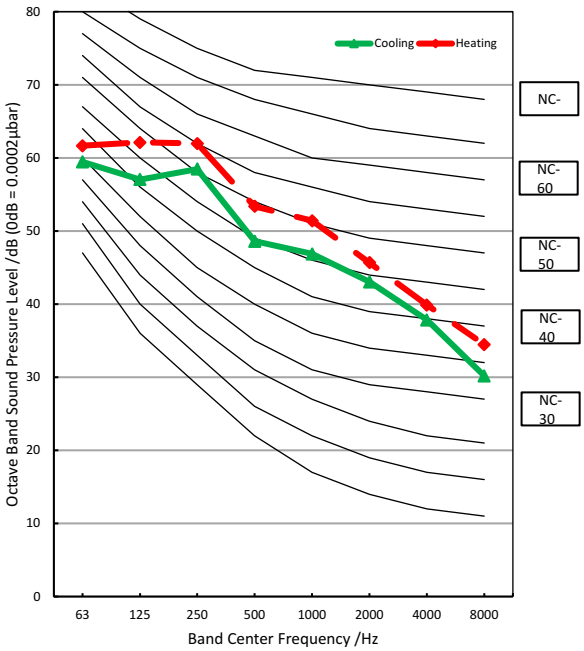


Note: H= 0.5 x height of outdoor unit

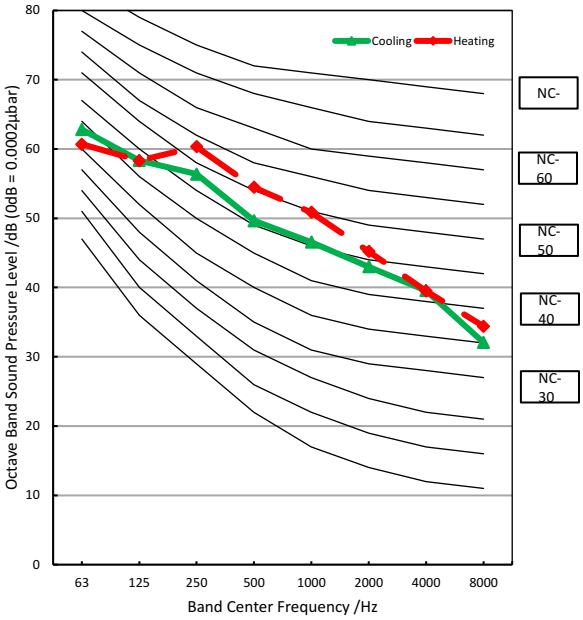
Model	Noise Power dB(A)	Noise level dB(A)
38QUS014D8S2*	65	56
38QUS018D8S2-1	65	56
38QUS021D8S3	66	58
38QUS027D8S3-1	68	60
38QUS028D8S4	70	63
38QUS036D8S4	72	64
38QUS042D8S5	72	64

MULIT

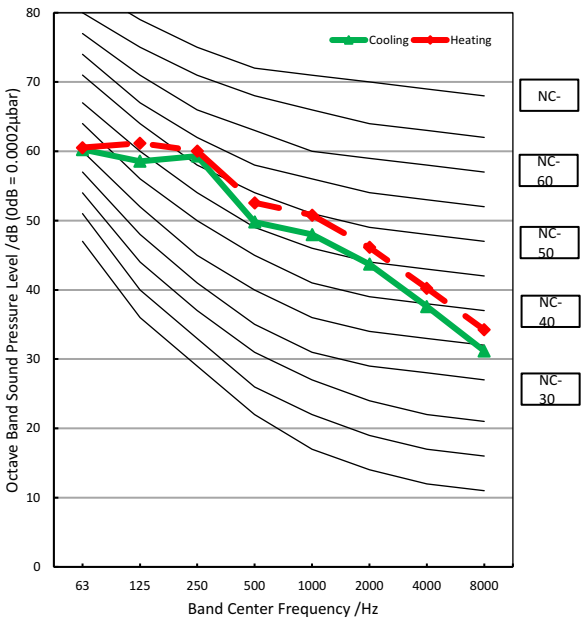
38QUS014D8S2 with High Wall



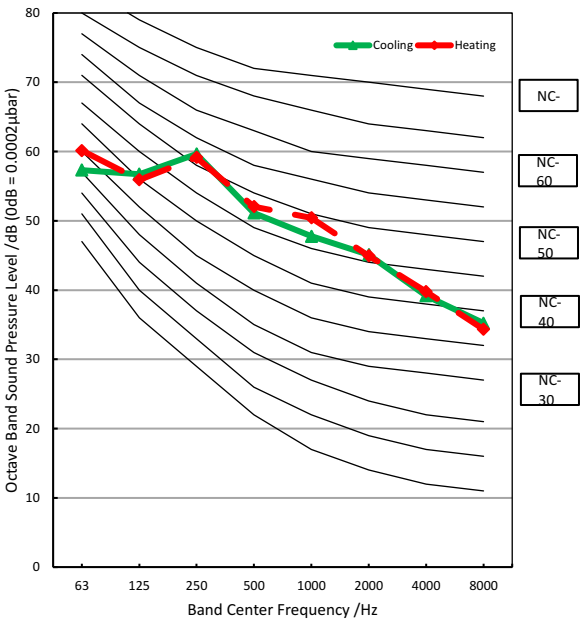
38QUS014D8S2 with Cassette



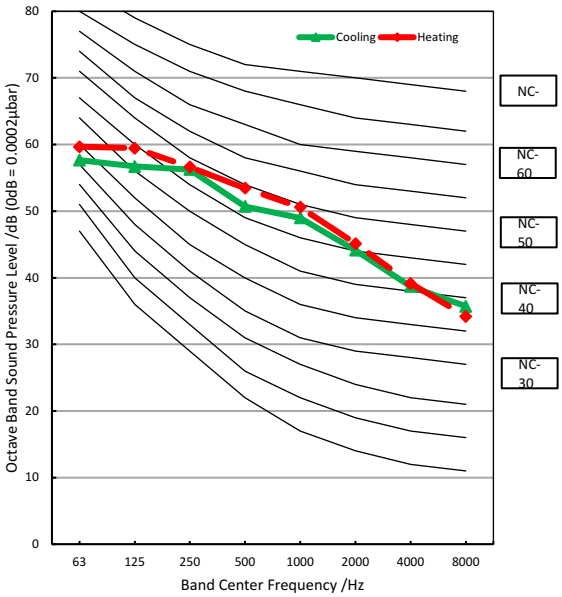
38QUS014D8S2 with A6 Ducted



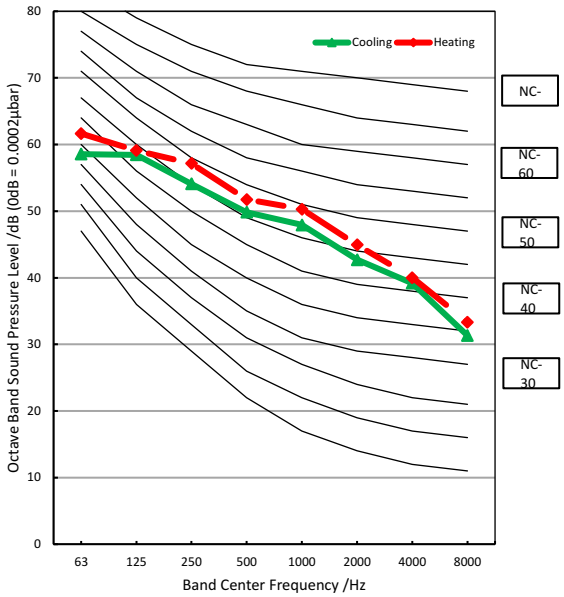
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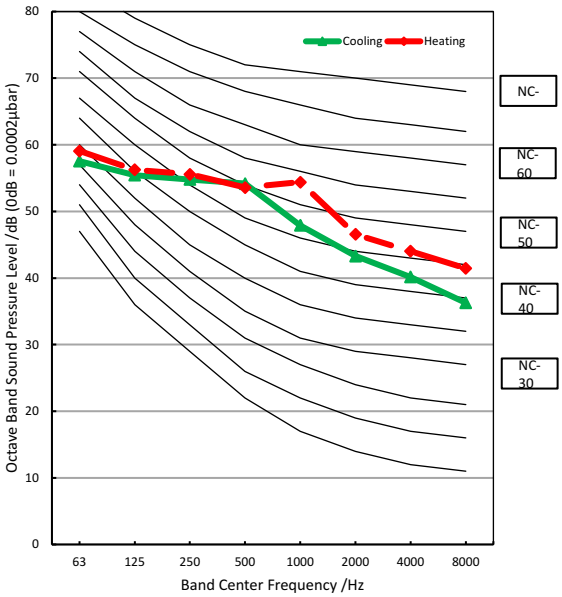
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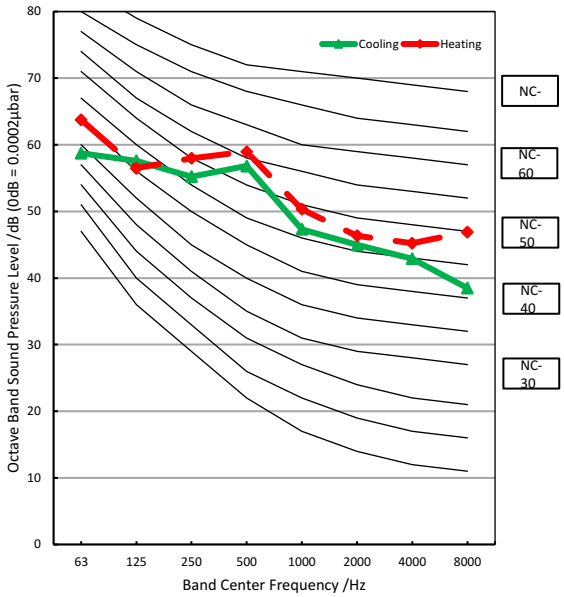
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38QUS021D8S3 with High Wall

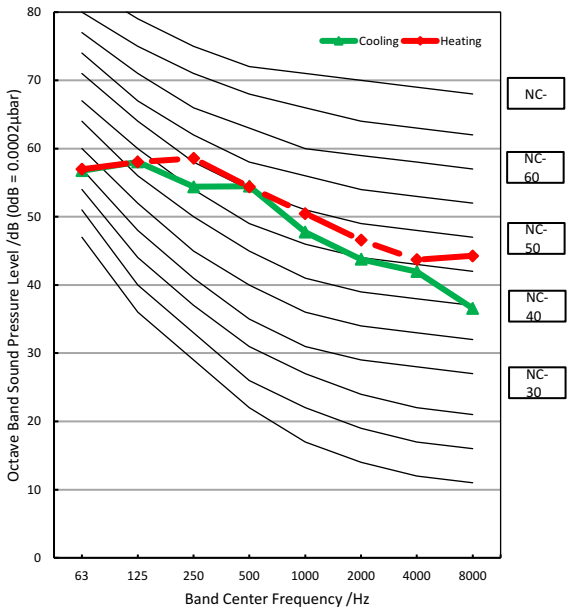


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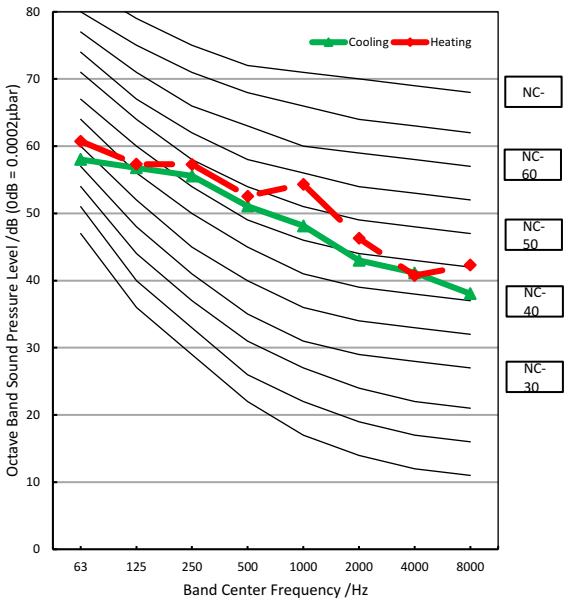


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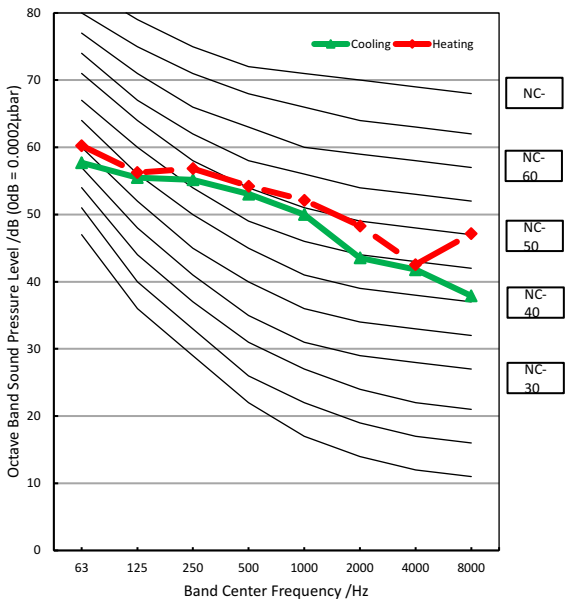
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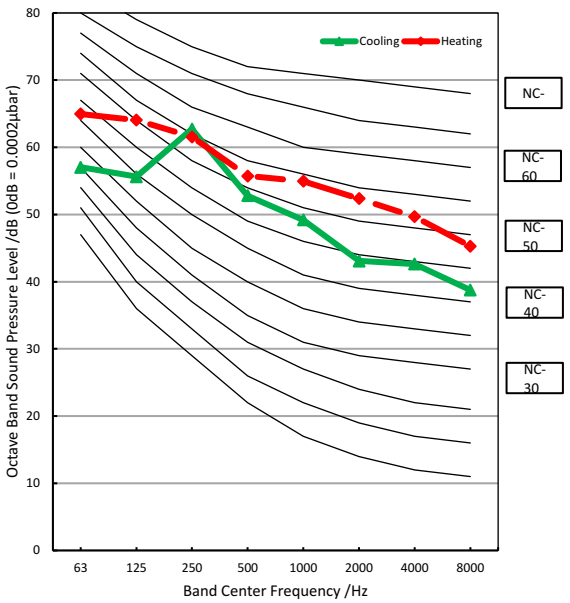
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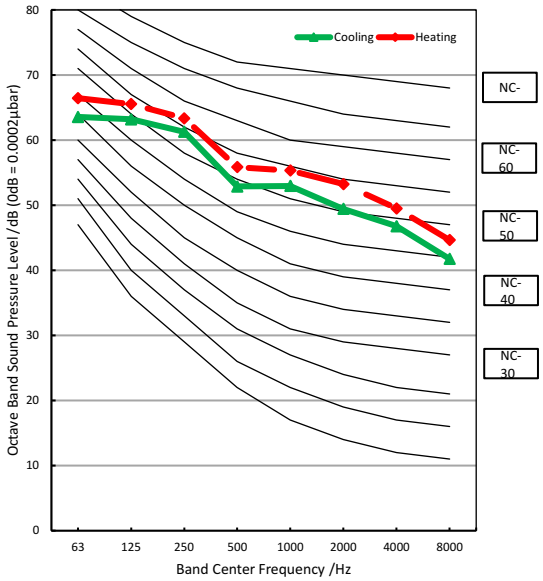
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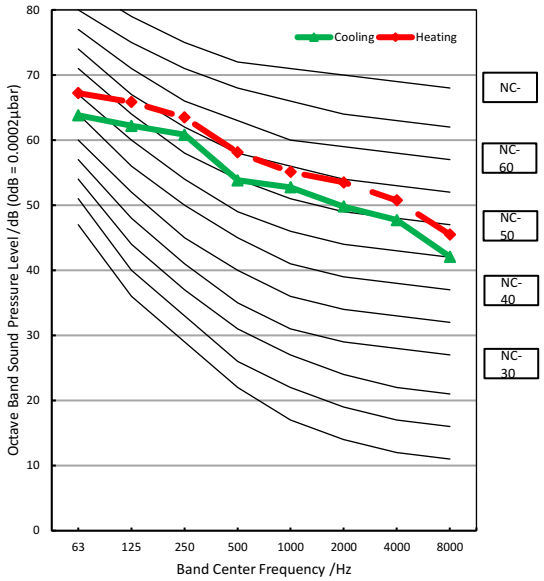
38QUS027D8S3-1 with A6 Ducted



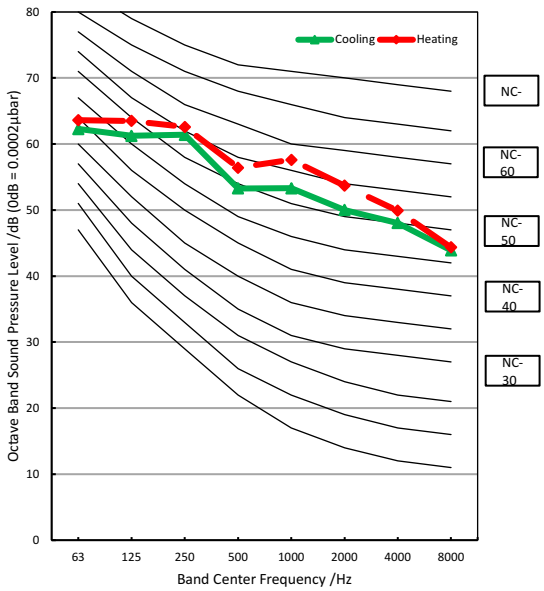
38QUS028D8S4 with High Wall



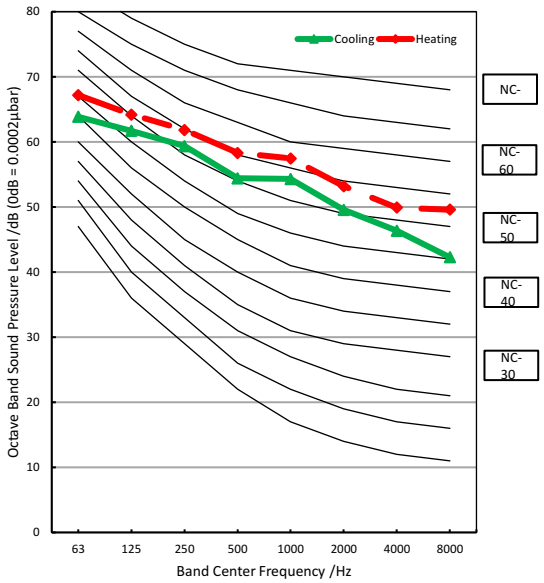
38QUS028D8S4 with Cassette



38QUS028D8S4 with A6 Ducted

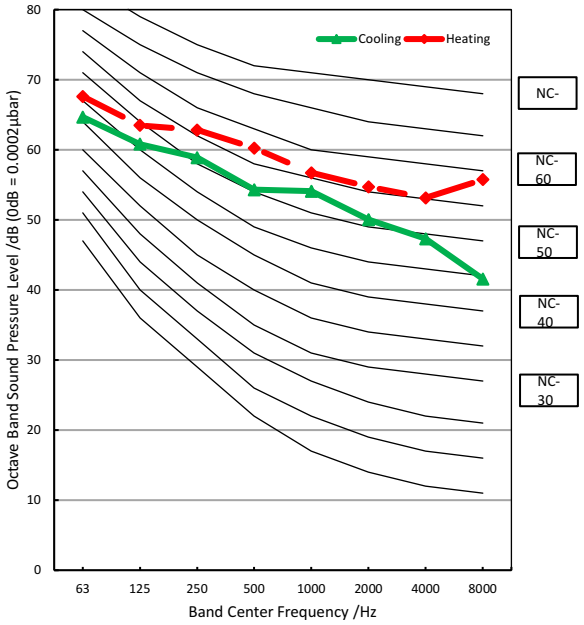


38QUS036D8S4 with High Wall

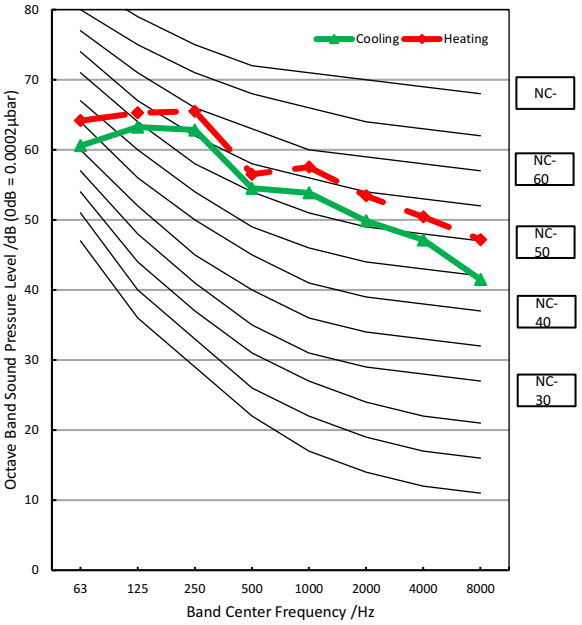


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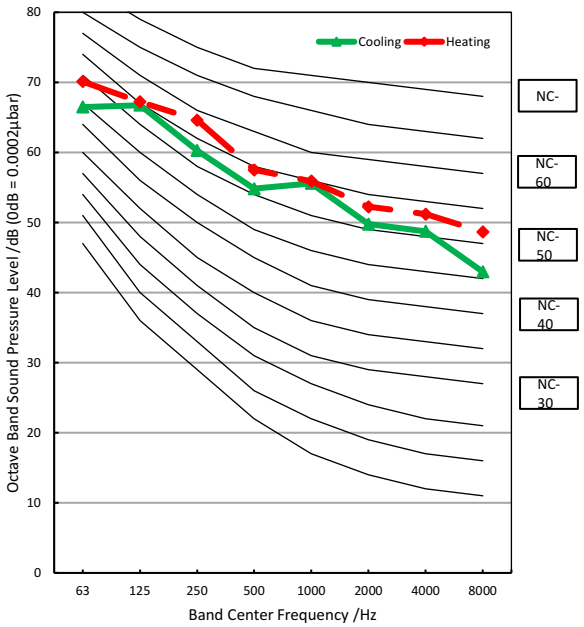
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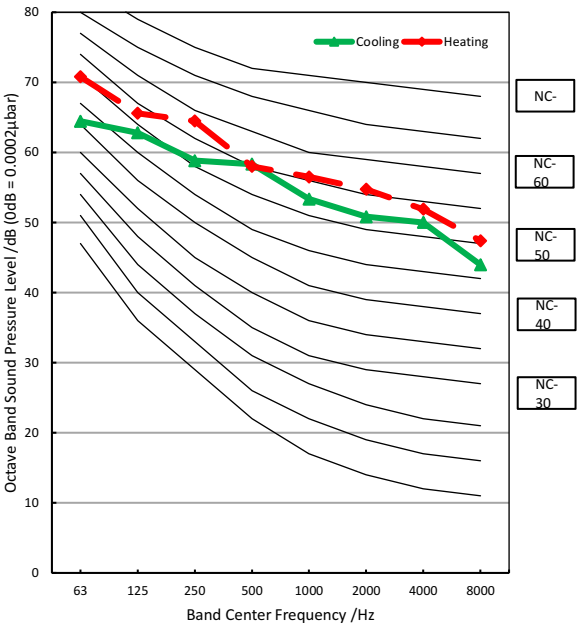
38QUS036D8S4 with A6 Ducted



38QUS042D8S5 with High Wall



38QUS042D8S5 with Cassette



38QUS042D8S5 with A6 Ducted

