



turn to the experts 



MULTI SYSTEMS



CATALOGUE 2019 - 2020





Carrier is a world leader in heating, air-conditioning and refrigeration solutions.

Built on Willis Carrier's invention of modern air conditioning in 1902, Carrier is a world leader in heating, air-conditioning and refrigeration solutions. We constantly build upon our history of proven innovation with new products and services that improve global comfort and efficiency.

Our innovations drive new industries and it is why our products and services are trusted in every corner of the world – and why you can feel good about trusting us in your corner of it.

The invention that changed the world!

In 1902, Willis Carrier solved one of mankind's most elusive challenges by controlling the indoor environment through modern air conditioning. His invention enabled countless industries, promoting global productivity, health and personal comfort.

Today, Carrier innovations are found across the globe and in virtually every facet of daily life.

We create comfortable and productive environments, regardless of the climate. We safeguard the global food supply by preserving the quality and freshness of food and beverages. We ensure health and well-being by enabling the proper transport and delivery of vital medical supplies under exacting conditions. We provide solutions, services and education to lead the green building movement.

These mark just a handful of the ways Carrier works to make the world a better place to live, work and play.

#thankyouwilliscarrier

DELIVERING **THE ULTIMATE COMFORT** WITH THE MAXIMUM FLEXIBILITY

Carrier Multisplit system is the environmentally-friendly solution, providing simple and effective multi-room comfort for all types of home, all year round. With just one outdoor unit, this system is not only easy to conceal, it also significantly reduces noise levels for a quieter environment.

Carrier's Indoor units are a perfect fusion of esthetics and technology. With their discreet look, their flowing lines, simple curves and backlit finishing, they are truly a high-tech decorative ornament. Their harmonious design and highly compact sizes blend perfectly into any home decor.

INSTALLATION FLEXIBILITY

One outdoor unit can serve up to 5 indoor units with a wide range of compatible units: Hi-wall, Cassettes, Consoles and Ducted.

- Horizontal piping length from 25m to 35m for one unit and from 40m to 80m for all rooms.
- Vertical piping length up to 10m between indoor units and up to 15m between indoor

Max. height difference of 15m can be supported to ensure that Carrier outdoor units are ideally matched with every architectural style.



Eurovent Certification:

Eurovent Certification certifies the performance ratings of the air-condition unit according to European and international standards.



TIMER:

Allows you to start the unit at a preset time in the desired cooling or heating mode.



Self-Diagnosis & Auto-Protection:

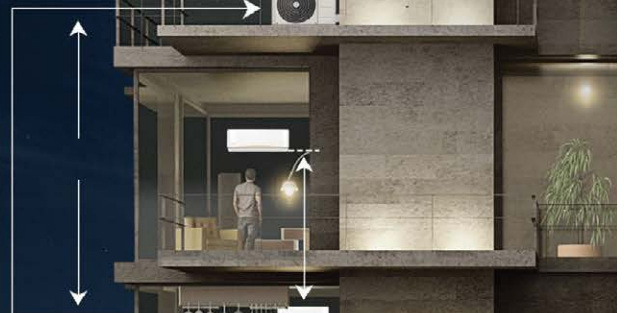
The unit will detect abnormal operation or malfunctions and will shut down automatically to prevent any further issues. At the same time, it will indicate an error code for faster service..



DC Twin Rotary Compressors

Units from 24.000 to 60.000 BTU are equipped with DC Twin-Rotary compressors, which contribute to the system's high performance and reliability. The two-rotary compression cylinders, offset from each other by 180° and a DC brushless motor with the shaft in perfect balance, ensure reduced vibrations and lower noise levels even when operating at very low speeds. They have an extremely wide range between the minimum and maximum capacity, therefore the system is always optimized to provide maximum comfort with extremely high efficiency levels.

HIGHER PIPE LIMITS		
OUTDOOR UNITS	MAX. HEIGHT	
	BETWEEN INDOOR AND OUTDOOR	BETWEEN INDOOR AND INDOOR
1 drive 2	15	10
1 drive 3	15	10
1 drive 4	15	10
1 drive 5	15	10



HIGHER EFFICIENCY UNDER PARTIAL LOAD

The inverter compressor offers better efficiency under partial output. When not all the rooms require air conditioning, the multi-split outdoor unit will run with partial output and lower the power consumption, while for single split solution, each of the outdoor unit is still operating 100 % output with lower efficiency.



Energy Efficiency:
Efficient under Partial Load Energy Saver



Comfort:
Quiet Mode

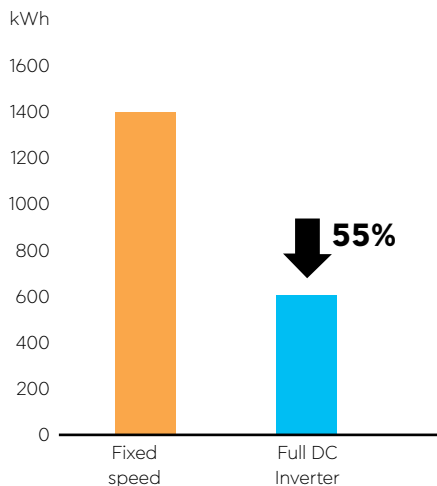


Flexibility:
Independent Control
Wide Combination
Space Saver
Free Match
Flexible Installation
Easy Maintenance



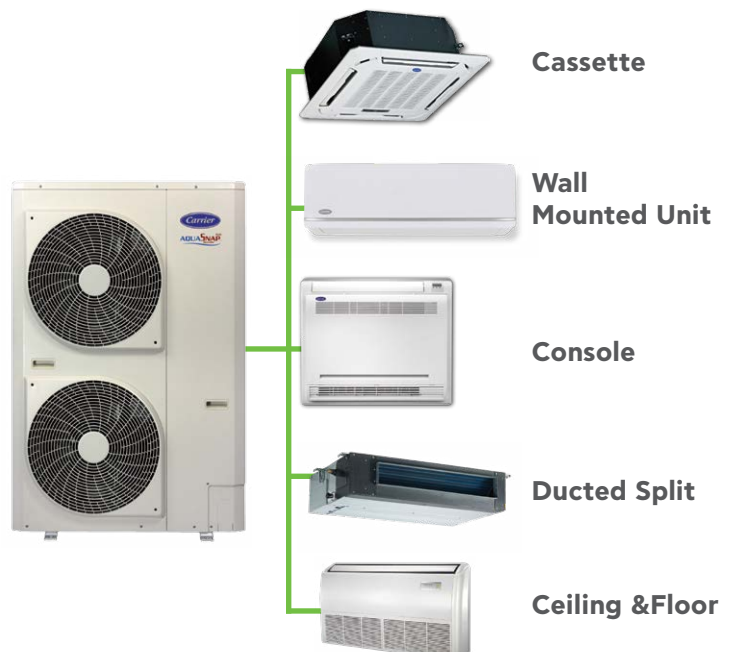
ENERGY SAVER:

Compared with fixed-speed air conditioners, full DC inverter air conditioners can reduce approximately 55 % of power consumption in a year.



FREE MATCH:

Depending on your individual rooms, a wide range of indoor units are compatible with Carrier Outdoor units.



OUTDOOR MODEL		38QUS018D8S2-1		
		HIWALL 42QHB09D8S (x2)	CASSETTE 42QTD009D8S (x2)	DUCTED 42QSS009D8S (x2)
IDUS COMBINATION FOR RATING				
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)
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
Outdoor air flow	m3/h	2200		
Outdoor sound pressure level	dB(A)	56		
Outdoor sound power level	dB(A)	65		
Dimension (WxDxH)	mm	800x333x554		
Packing (WxDxH)	mm	920x390x625		
Net/ Gross weight	kg	35.5 / 38.5		
GWP		675		
Refrigerant charge amount, R32	kg	1,25		
Refrigerant piping (Liquid side/ Gas side)	inch	2 x 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	°C	-15 - 50		
Temp range heating	°C	-15 - 24		
Power supply	V-Hz-Ph	220-240V-, 50HZ, 1PH		

* Preliminary Data

OUTDOOR MODEL		38QUS027D8S3-1		
		HIWALL 42QHB09D8S (x3)	CASSETTE 42QTD009D8S (x3)	DUCTED 42QSS009D8S (x3)
IDUS COMBINATION FOR RATING				
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)
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
Outdoor air flow	m3/h	2700		
Outdoor sound pressure level	dB(A)	60		
Outdoor sound power level	dB(A)	68		
Dimension (WxDxH)	mm	845x363x702		
Packing (WxDxH)	mm	965x395x775		
Net/ Gross weight	kg	51.0 / 56.0		
GWP		675		
Refrigerant charge amount, R32	kg	1,72		
Refrigerant piping (Liquid side/ Gas side)	inch	3 x 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	°C	-15 - 50		
Temp range heating	°C	-15 - 24		
Power supply	V-Hz-Ph	220-240V-, 50HZ, 1PH		

* Preliminary Data

OUTDOOR MODEL		38QUS036D854		
IDUS COMBINATION FOR RATING		HIWALL 42QHB09D8S (x4)	CASSETTE 42QTD009D8S (x4)	DUCTED 42QSS009D8S (x4)
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)
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
Outdoor air flow	m3/h		4000	
Outdoor sound pressure level	dB(A)		64	
Outdoor sound power level	dB(A)		72	
Throttle type			EXV+CAPILLARY	
Dimension (WxDxH)	mm		946x410x810	
Packing (WxDxH)	mm		1090x500x885	
Net/ Gross weight	kg		69.0 / 75.5	
GWP			675	
Refrigerant charge amount, R32	kg		2,10	
Refrigerant piping (Liquid side/ Gas side)	inch		3 x 1/4'/ 3/8" + 1 x 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	°C		-15 - 50	
Temp range heating	°C		-15 - 24	
Power supply	V-Hz-Ph		220-240V-, 50HZ, 1PH	

* Preliminary Data

OUTDOOR MODEL		38QUS042D855		
IDUS COMBINATION FOR RATING		HIWALL 42QHB09D8S (x5)	CASSETTE 42QTD009D8S (x5)	DUCTED 42QSS009D8S (x5)
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)
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
Outdoor air flow	m3/h		3850	
Outdoor sound pressure level	dB(A)		64	
Outdoor sound power level	dB(A)		72	
Dimension (WxDxH)	mm		946x410x810	
Packing (WxDxH)	mm		1090x500x885	
Net/ Gross weight	kg		73.5 / 80.5	
GWP			675	
Refrigerant charge amount, R32	kg		2,40	
Refrigerant piping (Liquid side/ Gas side)	inch		4 x 1/4'/ 3/8" + 1 x 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	°C		-15 - 50	
Temp range heating	°C		-15 - 24	
Power supply	V-Hz-Ph		220-240V-, 50HZ, 1PH	

* Preliminary Data

HI-WALL



INDOOR UNIT - HIGH WALL AB HP

		42QHB09D8S	42QHB12D8S	42QHB18D8S	42QHB24D8S
Cooling Capacity	kW	2,64	3,52	5,28	7,04
Heating Capacity	kW	2,64	3,52	5,28	7,04
Indoor fan motor input	W	22	22	36	60
Indoor fan motor max current	A	0,5	0,5	0,5	0,7
Sound power level	dB(A)	55	57	60	63
Sound pressure level (high/med/low)	dB(A)	38/31/23/20	39/32/23/21	42/33/27/21	46/40/30/26
Air flow (high/med/low)	m ³ /h	420/310/230/150	530/470/290/170	750/510/420/330	1050/750/560/450
Weight (Net/Gross)	kg	7.3 / 9.7	8.2 / 10.7	10.8 / 14.1	12.9 / 16.5
Dimensions (WxDxH)	mm	722x187x290	802x189x297	965x215x319	1080x226x335
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 / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz

H/M/L/SL: High / Medium / Low / Super Low
WxDxH: Width x Depth x Height

* Preliminary Data

CONSOLE / UNDER CEILING



INDOOR UNIT - CONSOLE

		42QZA012D8S	42QZL018D8S-1
Cooling Capacity	kW	3,52	5,28
Heating Capacity	kW	3,52	5,28
Indoor fan motor input	W	67	96
Indoor fan motor max current	A	0,60	0,94
Sound power level	dB(A)	60	61
Sound pressure level (high/med/low)	dB(A)	43/41/35	44/42/36
Air flow (high/med/low)	m ³ /h	530/480/360	880/760/650
Weight (Net/Gross)	kg	15.0/19.5	28.0/33.5
Dimensions (WxDxH)	mm	700x600x210	1068x675x235
Refrigerant Piping (Liquid Side / Gas Side)	inch	1/4" / 3/8"	1/4" / 1/2"
Power supply	V-ph-Hz	220-240V-, 50Hz, 1Ph	220-240V-, 50Hz, 1Ph

H/M/L/SL: High / Medium / Low / Super Low
WxDxH: Width x Depth x Height

* Preliminary Data

CASSETTE



INDOOR UNIT - CASSETTE

		42QTD009D8S	42QTD012D8S	42QTD018D8S-1 (NEW)
Cooling Capacity	kW	2,64	3,52	5,28
Heating Capacity	kW	3,00	4,00	5,28
Indoor fan motor input	W	45	45	45
Indoor fan motor max current	A	0,40	0,40	0,40
Sound power level	dB(A)	58	59	60
Sound pressure level (high/med/low)	dB(A)	42/39/36	42/39/36	45/42/36
Air flow (high/med/low)	m ³ /h	560/430/390	560/430/390	680/550/400
Weight (Net/Gross)(Body)	kg	15.0/18.0	16.5/19.0	16.5/19.0
Weight (Net/Gross)(Panel)	kg	2.5/4.5	2.5/4.5	2.5/4.5
Dimensions (W×D×H)(Body)	mm	570X570X260	570X570X260	570X570X260
Dimensions (W×D×H)(Panel)	mm	647X647X50	647X647X50	647X647X50
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-, 50Hz, 1Ph	220-240V-, 50Hz, 1Ph	220-240V-, 50Hz, 1Ph

H/M/L/SL: High / Medium / Low / Super Low
WxDxH: Width x Depth x Height

* Preliminary Data

DUCTED



INDOOR UNIT - DUCTED

		42QSS009D8S	42QSS012D8S	42QSS018D8S(NEW)
Cooling Capacity	kW	2,64	3,52	5,28
Heating Capacity	kW	2,93	3,80	5,28
Indoor fan motor input	W	130	130	90
Indoor fan motor max current	A	1,11	1,11	1,20
Sound power level	dB(A)	60	60	61
Sound pressure level (high/med/low)	dB(A)	42/36/30	42/36/30	45/38/33
Air flow (high/med/low)	m ³ /h	580/480/300	580/480/300	880/650/350
Weight (Net/Gross)(Body)	kg	18.0 / 22.0	18.0 / 22.0	24.5/29.5
Dimensions (W×D×H)(Body)	mm	700×450×200	700×450×200	880X674X210
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-, 50Hz, 1Ph	220-240V-, 50Hz, 1Ph	220-240V-, 50Hz, 1Ph

H/M/L/SL: High / Medium / Low / Super Low
WxDxH: Width x Depth x Height

* Preliminary Data

COOLING

38QUS018DS2-1	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	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	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

* Preliminary Data

HEATING

38QUS018DS2-1	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)		RATED CAPACITY (kW)(NOM. COOLING)		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	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	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

* Preliminary Data

COOLING

38QUS027D8S3-1	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	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	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	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

* Preliminary Data

HEATING

38QUS027D8S3-1	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)			RATED CAPACITY (kW)(NOM. COOLING)			TOTAL HEATING 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	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	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	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

* Preliminary Data

COOLING

38QUS036D8S4	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	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
1:2	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
	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
	18+18	18	18	—	—	5,00	5,00	—	—	2,23	10,00	10,60	0,63	3,12	3,30	3,21
1:3	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+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+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	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

* Preliminary Data

HEATING

38QUS036D8S4	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)				RATED CAPACITY (kW)(NOM. COOLING)				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	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
1:2	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
	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
	18+18	18	18	—	—	5,50	5,50	—	—	2,52	11,00	12,00	0,63	3,05	3,31	3,61
1:3	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+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+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	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

* Preliminary Data

COOLING

38QUS042D8S5	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	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	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	18+24	18	24	—	—	—	4,93	6,57	—	—	—	2,34	11,50	12,50	0,63	3,58	3,35	3,21
	24+24	24	24	—	—	—	6,00	6,00	—	—	—	2,34	12,00	12,50	0,63	3,74	3,35	3,21
	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
1:4	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
	12+18+24	12	18	24	—	—	2,67	4,00	5,33	—	—	2,89	12,00	12,92	0,78	3,74	3,88	3,21
	18+18+18	18	18	18	—	—	4,00	4,00	4,00	—	—	2,89	12,00	12,92	0,78	3,74	3,88	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+9+18+18	9	9	18	18	—	2,05	2,05	4,10	4,10	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21
1:5	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
	9+12+12+24	9	12	12	24	—	1,94	2,59	2,59	5,18	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21
	9+12+18+18	9	12	18	18	—	1,94	2,59	3,88	3,88	—	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
	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


* Preliminary Data

HEATING

38QUS042D8S5	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)					RATED CAPACITY (kW)(NOM. COOLING)					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	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	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	18+24	18	24	—	—	—	4,93	6,57	—	—	—	2,34	11,50	12,50	0,57	3,18	3,03	3,62
	24+24	24	24	—	—	—	5,75	5,75	—	—	—	2,34	11,50	12,50	0,57	3,19	3,03	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
	1:4	12+12+18	12	12	18	—	—	3,43	3,43	5,14	—	—	2,89	12,00	12,92	0,71	3,31	3,50
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
12+18+24		12	18	24	—	—	2,67	4,00	5,33	—	—	2,89	12,00	12,92	0,71	3,32	3,50	3,61
18+18+18		18	18	18	—	—	4,00	4,00	4,00	—	—	2,89	12,00	12,92	0,71	3,32	3,50	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
1:5	9+9+18+18	9	9	18	18	—	2,00	2,00	4,00	4,00	—	3,69	12,00	13,53	0,81	3,31	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
	9+12+12+24	9	12	12	24	—	1,94	2,59	2,59	5,18	—	3,69	12,30	13,53	0,81	3,40	3,88	3,62
	9+12+18+18	9	12	18	18	—	1,89	2,53	3,79	3,79	—	3,69	12,00	13,53	0,81	3,31	3,88	3,62
	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
	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

* Preliminary Data



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