



Multi-Split Outdoor Units

CODE			30	40	50	50
Performance						
Outdoor Unit		RAS-	2M10U2AVG-E	2M14U2AVG-E	2M18U2AVG-E	3M18U2AVG-E
Capacity Code		Min.-Max.	10-20	10-26	10-32	10-36
Indoor Units Connected		Min.-Max.	2-2	2-2	2-2	2-3
Nominal	Cooling Capacity	kW	3.3	4.0	5.2	5.2
	Heating Capacity	kW	4.0	4.4	5.6	6.8
	EER/COP	W/W	4.35/4.94	4.35/4.94	3.88/4.71	4.44/4.30
Cooling EN14825	Range Min. - Max.	kW	1.0-3.9	1.6 - 4.9	1.7 - 6.2	2.4 - 6.5
	Power Input	kW	0.76	0.92	1.34	1.17
	Pdesign	kW	3.3	4.0	5.2	5.2
	SEER/Energy Efficiency Class		6.73/A++	6.73/A++	6.98/A++	6.80/A++
	Seasonal Energy Consumption	kWh/a	172	208	261	268
Heating EN14825	Range Min. - Max.	kW	1.0-4.9	1.30 - 5.20	1.30 - 7.50	1.90 - 8.00
	Power Input	kW	0.81	0.89	1.19	1.58
	Pdesign	kW	2.7	3.1	3.2	3.5
	SCOP/Energy Efficiency Class		4.60/A++	4.60/A++	4.63/A++	4.60/A++
	Seasonal Energy Consumption	kWh/a	822	943	967	1065
Outdoor Data						
Outdoor Unit		RAS-	2M10U2AVG-E	2M14U2AVG-E	2M18U2AVG-E	3M18U2AVG-E
Operating Range	Cooling/Heating	°C	-10 to 46/-20 to 24	-10 to 46/-20 to 24	-10 to 46/-20 to 24	-10 to 46/-20 to 24
Air Flow	High	m³/h - l/s	1863 - 517	1863 - 517	2107 - 585	2178 - 605
Sound	Pressure High	dB(A)	46	46	50	50
	Power High	dB(A)	59	59	63	63
Unit	Height x Width x Depth	mm	630 x 800 x 300	630 x 800 x 300	630 x 800 x 300	630 x 800 x 300
	Weight	kg	38	43	45	46
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 x 2 - 1/4 x 2	3/8 x 2 - 1/4 x 2	3/8 x 2 - 1/4 x 2	3/8 x 2 + 1/2 x 1 - 1/4 x 3
	Min.-Max. Length	m	2-20	2-30	2-30	2-50
	Maximum Pipe Length Per Unit	m	15	20	20	25
	Maximum Height Difference	m	10	10	10	10
	Drain Port Connection	mm	16	16	16	16
Refrigerant R32	Base Charge/Chargeless Length	kg/m	0.85/20	1.02/30	1.02/30	1.05/50
	Additional Charge	g/m	0	0	0	0
Run Current	Maximum	A	4.17	4.87	6.96	8.79
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-10	220-240/1/50-10	220-240/1/50-16	220-240/1/50-16
OUTDOOR RETAIL PRICE			£846	£882	£969	£1,370



Multi-Split Outdoor Units (continued)

CODE		75	80	100	
Performance					
Outdoor Unit	RAS-	3M26U2AVG-E	4M27U2AVG-E	5M34U2AVG-E	
Capacity Code	Min.-Max.	10-54	10-54	10-68	
Indoor Units Connected	Min.-Max.	2-3	2-4	2-5	
Nominal	Cooling Capacity	kW	7.5	8.0	10.0
	Heating Capacity	kW	9.0	9.0	12.0
	EER/COP	W/W	3.75/4.09	3.5/4.67	3.36/4.24
Cooling EN14825	Range Min. - Max.	kW	4.1 - 9.0	4.2 - 9.3	3.7 - 11.0
	Power Input	kW	2	2.29	2.98
	Pdesign	kW	7.5	8.0	10.0
	SEER/Energy Efficiency Class		6.19/A++	6.11/A++	6.31/A++
	Seasonal Energy Consumption	kWh/a	-*	-*	-*
Heating EN14825	Range Min. - Max.	kW	2.0 - 11.2	2.9 - 11.7	2.7 - 14.0
	Power Input	kW	2.20	1.93	2.83
	Pdesign	kW	5.2	5.2	6.8
	SCOP/Energy Efficiency Class		4.44/A++	4.26/A++	4.08/A+
	Seasonal Energy Consumption	kWh/a	-*	-*	-*
Outdoor Data					
Outdoor Unit	RAS-	3M26U2AVG-E	4M27U2AVG-E	5M34U2AVG-E	
Operating Range	Cooling/Heating	°C	-10 to 46/-15 to 24	-10 to 46/-15 to 24	-10 to 46/-15 to 24
Air Flow	High	m ³ /h - l/s	2508 - 696	2508 - 696	3666 - 1018
Sound	Pressure High	dB(A)	49	49	55
	Power High	dB(A)	64	64	68
Unit	Height x Width x Depth	mm	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
	Weight	kg	72	72	78
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 x 1 + 1/2 x 2 - 1/4 x 3	3/8 x 2 + 1/2 x 2 - 1/4 x 4	3/8 x 3 + 1/2 x 2 - 1/4 x 5
	Min.-Max. Length	m	3-70	3-70	3-80
	Maximum Pipe Length Per Unit	m	25	25	25
	Maximum Height Difference	m	15	15	15
	Drain Port Connection	mm	16	16	16
Refrigerant R32	Base Charge/Chargeless Length	kg/m	1.92/40	1.92/40	2.39/40
	Additional Charge	g/m	20	20	20
Run Current	Maximum	A	11.67	13.09	13.64
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-16	220-240/1/50-20	220-240/1/50-20
* Waiting for published data.					
OUTDOOR RETAIL PRICE		£1,630	£1,984	£2,255	