Performance data

Outdoor unit			2-room Multisplit RAS-2M10U2AVG-E	2-room Multisplit RAS-2M14U2AVG-E	2-room Multisplit RAS-2M18U2AVG-E	3-room Multisplit RAS-3M18U2AVG-E	3-room Multisplit RAS-3M26U2AVG-E	4-room Multisplit RAS-4M27U2AVG-E	5-room Multisplit RAS-5M34U2AVG-E
Cooling capacity	**kW**		**3.3**	**4.0**	**5.2**	**5.2**	**7.5**	**8.0**	**10.0**
Cooling capacity (min. - max.)	kW		1.25 - 3.9	1.6 - 4.9	1.7 - 6.2	2.4 - 6.5	4.1 - 9.0	4.2 - 9.3	3.7 - 11.0
Power input	kW	C	0.76	0.92	1.34	1.17	2.00	2.29	2.98
EER	W/W		4.35	4.35	3.88	4.44	3.75	3.50	3.36
SEER			6.73	6.73	6.90	6.8	6.19	6.11	6.31
Energy efficiency class		C	A++	A++	A++	A++	A++	A++	A++
Heating capacity	**kW**		**4.0**	**4.4**	**5.6**	**6.8**	**9.0**	**9.0**	**12.0**
Heating capacity (min. - max.)	kW		1.00 - 4.90	1.30 - 5.20	1.30 - 7.50	1.90 - 8.00	2.0 - 11.2	2.9 - 11.7	2.7 - 14.0
Power input	kW	H	0.81	0.89	1.19	1.58	2.20	1.93	2.83
COP	W/W		4.94	4.94	4.10	4.30	4.09	4.67	4.24
SCOP			4.60	4.60	4.60	4.60	4.44	4.26	4.08
Energy efficiency class		H	A++	A++	A++	A++	A++	A++	A+

Physical data outdoor

Outdoor unit			2-room Multisplit RAS-2M10U2AVG-E	2-room Multisplit RAS-2M14U2AVG-E	2-room Multisplit RAS-2M18U2AVG-E	3-room Multisplit RAS-3M18U2AVG-E	3-room Multisplit RAS-3M26U2AVG-E	4-room Multisplit RAS-4M27U2AVG-E	5-room Multisplit RAS-5M34U2AVG-E
Air flow	m^3/h - l/s	C	1863-517	1863-517	2107-585	2177-605	2507-696	2507-696	3245-901
Sound pressure level	dB(A)	C	45	45	47	49	48	48	52
Sound power level	dB(A)	C	58	58	60	62	63	63	66
Operating range	°C	C	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Air flow	m^3/h - l/s	H	1863-517	1863-517	2038-566	2107-585	2507-696	2507-696	3562-989
Sound pressure level	dB(A)	H	46	46	50	50	49	49	55
Sound power level	dB(A)	H	59	59	63	63	64	64	68
Operating range	°C	H	-20/24	-20/24	-20/24	-20/24	-15/24	-15/24	-15/24
Dimensions (HxWxD)	mm		630 x 800 x 300	630 x 800 x 300	630 x 800 x 300	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Weight	kg		38	43	45	46	72	72	78
Compressor type			DC Single Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections - gas			1/4" x 2	1/4" x 2	1/4" x 2	1/4" x 2	3/8" x 1 + 1/2"x2	3/8" x 2 + 1/2"x2	3/8" x 3 + 1/2"x2
Flare connections - liquid			3/8" x 2	3/8" x 2	3/8" x 2	3/8" x 2 + 1/2"x1	1/4" x 3	1/4" x 4	1/4" x 5
Maximum pipe length (per unit/total)	m		15/20	20/30	20/30	25/50	25/ 70	25 / 70	25 / 80
Maximum height difference	m		10	10	10	10	15	15	15
Chargeless pipe length	m		20	30	30	50	40	40	40
Power supply	V-ph-Hz		220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50