

RAS Multi-Split Inverter Ducted Units

- High static pressure
- Slim design, only 230 mm high
- Low noise multi-split system
- Flexible air inlet below or at rear
- Drain pump kit (optional extra)
- Auto-diagnosis function
- Latest digital hybrid inverter technology
- Hard-wired remote controller (optional extra)



Indoor unit, ducted type Remote control (included)		RAS-M10GDV-E Infra-red	RAS-M13GDV-E Infra-red	RAS-M16GDV-E Infra-red
Nominal cooling capacity	kW	2.5	3.5	4.5
Nominal heating capacity	kW	3.2	4.2	5.2
UK conditions				
Cooling capacity	kW	2.60	3.50	4.32
Sensible cooling capacity	kW	2.16	2.96	3.60
Heating capacity	kW	3.70	4.60	5.05
Air flow, cooling (h/l)	l/s (m³/h)	200/111 (720/400)	217/119 (781/428)	217/111 (781/428)
Air flow, heating (h/l)	l/s (m³/h)	200/125 (720/450)	217/133 (781/479)	217/139 (781/500)
Sound pressure (h/l - c/h)	dB(A)	31/23-31/24	32/24-32/25	33/25-33/28
Sound power (h/l - clg/htg)	dB(A)	44/36-44/37	45/37-45/38	46/38-46/41
Ext. static pressure (std/max)*	Pa	35.3/54.9	41.2/63.7	41.2/63.7
Dimensions, H x W x D	mm	230 x 750 x 440	230 x 750 x 440	230 x 750 x 440
Weight	kg	19	19	19

Outdoor unit		RAS-M14GAV-E	RAS-M18GAV-E	RAS-3M26GAV-E	RAS-4M27GAV-E	RAS-5M34UAV-E
Number of indoor units		2-room multisplit	2-room multisplit	3-room multisplit	4-room multisplit	5-room multisplit
EER/COP (cooling/heating)	W/W	3.70/4.35	3.25/3.62	3.33/3.53	3.20/4.00	3.42/4.24
Air flow	l/s (m³/h)	505 (1820)	583 (2100)	833 (3000)	833 (3000)	TBC
Sound pressure level, clg./htg.	dB(A)	48/46	50/48	48/48	48/48	51/54
Sound power level, clg./htg.	dB(A)	61/59	63/61	61/61	61/61	66/69
Dimensions, H x W x D	mm	550 x 780 x 290	550 x 780 x 290	795 x 900 x 320	795 x 900 x 320	890 x 900 x 320
Weight	kg	36	40	64	65	75
Operating range, coolg./heatg.	°C	5 to 43/-15 to 24	5 to 43/-15 to 24	10 to 43/-15 to 21	10 to 43/-15 to 21	10 to 43/-10 to 22
Pipe connections gas - liquid	in	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4	TBC
Pipe length, max. (unit/total)	m	20/30	20/30	25/50	25/70	25/80
Pipe length, pre-charged	m	20	20	50	70	40
Max. height difference	m	10	10	15	15	15
Max. operating current, cooling	A	6.9	7.2	10.8	10.6	TBC
Suggested fuse size	A	10	10	16	16	TBC
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
Supply to		Outdoor unit	Outdoor unit	Outdoor unit	Outdoor unit	Outdoor unit
Interconnecting cables		3 + E	3 + E	3 + E	3 + E	3 + E

* Static pressure at nominal conditions** Supplied without a filter