

HIWALL SINGLE SPLIT TYPE SPECIFICATIONS



Issued date: 07-10-2015

Type		COOL ONLY											
Indoor Unit		RAS-10S3KS-V			RAS-13S3KS-V			RAS-18S3KS-V			RAS-24S3KS-V		
Outdoor Unit		RAS-10S3AS-V			RAS-13S3AS-V			RAS-18S3AS-V			RAS-24S3AS-V		
Power Supply (Ph/Hz/V)		1/50/220-240			1/50/220-240			1/50/220-240			1/50/220-240		
		220V	230V	240V	220V	230V	240V	220V	230V	240V	220V	230V	240V
Cooling Capacity	(kW)	2.50	2.50	2.50	3.57	3.60	3.62	5.07	5.10	5.12	6.47	6.50	6.53
	(Btu/h)	8500	8500	8500	12100	12200	12300	17200	17400	17400	22000	22100	22200
Power Consumption (kW)		0.80	0.82	0.84	1.08	1.12	1.16	1.60	1.64	1.68	2.08	2.10	2.12
Operating Current (A)		3.80	3.70	3.70	5.03	5.02	5.00	7.40	7.30	7.29	9.61	9.35	9.10
COP	(W/W)	3.13	3.05	2.98	3.31	3.21	3.12	3.17	3.11	3.05	3.11	3.10	3.08
	(Btu/h.W)	10.63	10.37	10.12	11.20	10.89	10.60	10.75	10.61	10.36	10.58	10.52	10.47
Indoor Unit		RAS-10S3KS-V			RAS-13S3KS-V			RAS-18S3KS-V			RAS-24S3KS-V		
Dimension (HxWxD) (mm)		250x740x195			275x790x225			320x1050x243			320x1050x243		
Net weight (kg)		8			10			14			13		
Airflow Volume (h) (m³/h)		560			620			1100			1250		
Dehumidifying capacity (l/h)		1.2			2.0			2.0			2.7		
Sound Pressure (h/l) (dB(A))		40/37/35/32/28			42/39/36/33/31			48/45/42/38/33			53/50/47/43/40		
Sound Power (h) (dB(A))		55			57			63			68		
Fan Motor Output (W)		20			20			35			30		
Remote Control model		WC-UA02NE			WC-UA02NE			WC-UA02NE			WC-UA02NE		
Outdoor Unit		RAS-10S3AS-V			RAS-13S3AS-V			RAS-18S3AS-V			RAS-24S3AS-V		
Dimension (HxWxD) (mm)		530x598x200			550x780x290			550x780x290			550x780x290		
Net weight (kg)		22			31			38			45		
Refrigerant type		R410a			R410a			R410a			R410a		
Sound Pressure (h) (dB(A))		46-47			52			52			56		
Sound Power (h) (dB(A))		61-62			67			67			71		
Usable Outdoor Temp °C		21~43			21~43			21~43			21~43		
Compressor Output (W)		800			1100			1100			1460		
Fan Motor Output (W)		20			30			30			42		
Pipe Size													
Liquid side (mm/inch)		6.35(1/4")			6.35(1/4")			6.35(1/4")			6.35(1/4")		
Gas side (mm/inch)		9.52(3/8")			12.7(1/2")			12.7(1/2")			15.88(5/8")		
Coupler Style		Flare			Flare			Flare			Flare		
Drain tube outside diameter (mm)		16.3			16.3			16.3			16.3		
Maximum Piping Length (m)		10			15			20			25		
Maximum Piping Height (m)		5			6			8			10		
Chargeless Length (m)		10			15			15			15		
Additional refrigerant charge (g/m)		-			-			20			30		
Air filter (Accessory)		Active carbon Catechin 2 pcs			Active carbon Catechin 2 pcs			Active carbon Catechin 4 pcs			Active carbon Catechin 4 pcs		

\* The specification may be subject to change without notice for purpose of improvement.  
**Rated conditions:** Cooling: Indoor air temperature 27°C DB / 19°C WB, Outdoor air temperature 35°C DB

