

HIWALL SINGLE SPLIT TYPE SPECIFICATIONS



Issued date: 07-10-2015

Type			HEAT PUMP											
Indoor Unit			RAS-10S3KHS-V			RAS-13S3KHS-V			RAS-18S3KHS-V			RAS-24S3KHS-V		
Outdoor Unit			RAS-10S3AHS-V			RAS-13S3AHS-V			RAS-18S3AHS-V			RAS-24S3AHS-V		
Power Supply		(Ph/Hz/V)	1/50/220-240			1/50/220-240			1/50/220-240			1/50/220-240		
Cooling Capacity		(kW)	220V	230V	240V	220V	230V	240V	220V	230V	240V	220V	230V	240V
		(Btu/h)	2.52	2.52	2.52	3.55	3.55	3.55	5.00	5.00	5.00	6.40	6.40	6.40
			8500	8500	8500	12100	12100	12100	17000	17000	17000	21800	21800	21800
Power Consumption		(kW)	0.79	0.81	0.84	1.14	1.16	1.18	1.55	1.56	1.59	2.04	2.05	2.08
Operating Current		(A)	3.72	3.68	3.65	5.30	5.20	5.10	7.20	7.00	6.80	9.50	9.20	8.97
COP		(W/W)	3.19	3.11	3.00	3.11	3.06	3.01	3.23	3.21	3.14	3.14	3.12	3.08
Heating Capacity		(kW)	2.76	2.76	2.76	3.85	3.85	3.85	5.40	5.00	5.40	7.00	7.00	7.00
		(Btu/h)	9400	9400	9400	13100	13100	13100	18400	18400	18400	23800	23800	23800
Power Consumption		(kW)	0.74	0.76	0.79	1.08	1.10	1.13	1.48	1.49	1.52	1.93	1.94	1.97
Operating Current		(A)	3.50	3.49	3.55	5.00	4.95	4.90	6.86	6.65	6.50	9.02	8.82	8.65
COP		(W/W)	3.73	3.63	3.49	3.56	3.50	3.41	3.65	3.62	3.55	3.63	3.61	3.55
Indoor Unit			RAS-10S3KHS-V			RAS-13S3KS-V			RAS-18S3KHS-V			RAS-24S3KHS-V		
Dimension	(HxWxD)	(mm)	275x790x225			275x790x225			320x1050x243			320x1050x243		
Net weight		(kg)	9			10			14			13		
Airflow Volume (h)	CO/HP	(m ³ /h)	600/610			620/620			1000/1000			1240/1240		
Dehumidifying capacity	CO	(l/h)	1.2			2.0			2.0			2.7		
Sound Pressure (h/l)	CO	(dB(A))	39/37/35/33/31			41/38/35/33/31			44/42/39/37/35			50/48/46/43/40		
Sound Power (h)		(dB(A))	54			56			59			65		
Fan Motor Output		(W)	20			20			35			30		
Remote Control model			WH-UA01NE			WH-UA01NE			WH-UA01NE			WH-UA01NE		
Outdoor Unit			RAS-10S3AHS-V			RAS-13S3AHS-V			RAS-18S3AHS-V			RAS-24S3AHS-V		
Dimension	(HxWxD)	(mm)	530x660x240			550x780x290			550x780x290			550x780x290		
Net weight		(kg)	26			33			44			51		
Refrigerant type			R410a			R410a			R410a			R410a		
Sound Pressure (h)	CO	(dB(A))	47-49			50-51			56-57			56-57		
Sound Power (h)	CO	(dB(A))	62-64			65-66			71-72			71-72		
Usable Outdoor Temp	CO/HP	°C	15~43/-10~24			15~43/-10~24			15~43/-10~24			15~43/-10~24		
Compressor Output		(W)	800			1070			1100			1402		
Fan Motor Output		(W)	30			42			42			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")			12.7(1/2")		
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			20		
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
Heating: Indoor air temperature 20°C DB, Outdoor air temperature 7°C DB/ 6°C WB



RAS-10S3AHS-V



RAS-13S3AHS-V
RAS-18S3AHS-V
RAS-22S3AHS-V