

HIWALL SINGLE SPLIT TYPE SPECIFICATIONS



Issued date: 07-10-2015

| Type | | Inverter - COOL ONLY | | | |
|-------------------------------|---------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|
| Indoor Unit | | RAS-10S3KCV-V | RAS-13S3KCV-V | RAS-18S3KCV-V | RAS-22S3KCV-V |
| Outdoor Unit | | RAS-10S3ACV-V | RAS-13S3ACV-V | RAS-18S3ACV-V | RAS-22S3ACV-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) | 2.50(1.10-3.00) | 3.50(1.10-4.00) | 5.00(1.10-6.00) | 5.80(1.20-6.50) |
| | (Btu/h) | 8500(3700-10200) | 11900(3700-13600) | 17000(3700-20500) | 19800(4100-22200) |
| Power Consumption | (kW) | 0.75(0.255-0.965) | 1.07(0.25-1.33) | 1.42(0.18-2.00) | 1.74(0.20-2.20) |
| Operating Current | @220V (A) | 3.60(1.66-4.60) | 5.07(1.42-6.17) | 6.68(1.11-9.30) | 8.15(1.24-10.2) |
| | @230V (A) | 3.45(1.58-4.42) | 4.85(1.36-5.90) | 6.39(1.06-8.92) | 7.81(1.18-9.81) |
| | @240V (A) | 3.30(1.51-4.25) | 4.64(1.30-5.65) | 6.13(1.02-8.53) | 7.48(1.13-9.4) |
| COP | (W/W) | 3.33(4.31-3.11) | 3.27(4.40-3.01) | 3.52(6.11-3.00) | 3.33(6.00-2.95) |
| | (Btu/h.W) | 11.33(14.51-10.57) | 11.12(14.80-10.23) | 11.97(20.56-10.25) | 11.38(20.50-10.09) |
| CSPF | | 4.52 | 5.47 | 5.66 | 5.87 |
| Indoor Unit | | RAS-10S3KCV-V | RAS-13S3KCV-V | RAS-18S3KCV-V | RAS-22S3KCV-V |
| Dimension | (HxWxD) (mm) | 250x740x195 | 275x790x217 | 320x1050x229 | 320x1050x229 |
| Net weight | (kg) | 8 | 10 | 14 | 13 |
| Airflow Volume (h) | (m ³ /h) | 522 | 564 | 858 | 1188 |
| Dehumidifying capacity | (l/h) | 1.5 | 2.0 | 2.8 | 2.8 |
| Sound Pressure (h/l) | (dB(A)) | 38/35/33/31/29 | 39/36/33/30/26 | 49/41/38/35/32 | 49/45/42/39/35 |
| Sound Power (h) | (dB(A)) | 53 | 54 | 59 | 64 |
| Fan Motor Output | (W) | 20 | 20 | 30 | 30 |
| Remote Control model | | WC-TA05NE | WC-TA05NE | WC-TA05NE | WC-TA05NE |
| Outdoor Unit | | RAS-10S3ACV-V | RAS-13S3ACV-V | RAS-18S3ACV-V | RAS-22S3ACV-V |
| Dimension | (HxWxD) (mm) | 530x660x240 | 550x780x290 | 550x780x290 | 550x780x290 |
| Net weight | (kg) | 26 | 33 | 36 | 36 |
| Refrigerant type | | R410a | R410a | R410a | R410a |
| Sound Pressure (h) | (dB(A)) | 48 | 48 | 49 | 52 |
| Sound Powe -(h) | (dB(A)) | 63 | 63 | 64 | 67 |
| Usable Outdoor Temp | °C | 21~43 | -10~46 | 21~43 | 21~43 |
| Compressor Output | (W) | 750 | 750 | 1100 | 1100 |
| Fan Motor Output | (W) | 20 | 20 | 43 | 43 |
| 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") | 9.52(3/8") | 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 | 20 | 20 | 20 |
| Maximum Piping Height | (m) | 8 | 10 | 10 | 10 |
| Chargeless Length | (m) | 10 | 15 | 15 | 15 |
| Additional refrigerant charge | (g/m) | - | 20 | 20 | 20 |
| Air filter (Accessory) | | Toshiba IAQ Filter (S) x 2pcs. | Toshiba IAQ Filter (L) x 1pc. | Toshiba IAQ Filter (L) x 2pcs. | Toshiba IAQ Filter (L) x 2pcs. |

* 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



RAS-10S3ACV-V



RAS-13S3ACV-V
RAS-18S3ACV-V
RAS-22S3ACV-V