

**JAPAN
TECHNOLOGY**



FrostWash™*
Self-Cleaning Function



**3-STEP
SELF-CLEANING
PROCESS**

Kills **99% Viruses** (eg. Covid), **99% Bacteria** & **95% Molds****



FREEZING STAGE

Heat exchanger's temperature is brought down to below zero-degree to freeze dust, mildew and oil stains.



CLEANING STAGE

When the frost melts, all the dirt goes down the drain tube with the water.



DRYING STAGE

The heat exchanger goes through a drying process by Fan Mode.

What is FrostWash™?

FrostWash™ is a three-step self-cleaning process that begins with the freezing of the heat exchanger's moisture, along with the accumulated dirt and stains, and melts the frost away before finally drying it up. Turning this function on regularly avoids blockage of the drain tube, and keeps the heat exchanger always clean. A perennially clean air-flow system naturally brings on a fresher air supply and a more power-saving operation.

FrostWash™ is Hitachi's latest innovation that keeps your air clean, healthy and compliant to the *better normal*.



SCAN FOR MORE INFO

*Applicable to Hitachi Window-Type with Full DC Inverter Technology HVK series and Royal Split Type
**Tested by Kitasato Research Center of Environmental Science. Test No. 2020_0650: anti-bacterial, anti-mold, anti-virus effects when operating FrostWash™ once.

Royal Split Type



RAS/RAC-08HTP

- 0.8 HP
- 9,000 Kj/h (2.50 kW)
- 810 x 300 x 215 mm (in)
- 730 x 600 x 290 mm (out) (WxHxD)
- CSPF 6.25



RAS/RAC-10HTP

- 1.0 HP
- 11,500 Kj/h (3.19 kW)
- 810 x 300 x 215 mm (in)
- 730 x 600 x 290 mm (out) (WxHxD)
- CSPF 5.50



RAS/RAC-15HTP

- 1.5 HP
- 15,580 Kj/h (4.33 kW)
- 910 x 300 x 215 mm (in)
- 730 x 600 x 290 mm (out) (WxHxD)
- CSPF 6.10



RAS/RAC-19HTP

- 2.0 HP
- 19,000 Kj/h (5.28 kW)
- 1080 x 300 x 225 mm (in)
- 810 x 685 x 300 mm (out) (WxHxD)
- CSPF 5.30



RAS/RAC-24HTP

- 2.5 HP
- 23,940 Kj/h (6.65 kW)
- 1080 x 300 x 225 mm (in)
- 880 x 790 x 315 mm (out) (WxHxD)
- CSPF 5.70



RAS/RAC-30HTP

- 3.0 HP
- 28,000 Kj/h (7.78 kW)
- 1080 x 300 x 225 mm (in)
- 880 x 790 x 315 mm (out) (WxHxD)
- CSPF 5.52



QUIET OPERATION MODE allows you to fully maximize the benefits of cool indoor air without unnecessary disturbances.



SLEEP-MODE ECO-SCAN maintains ideal room temperature by automatically gauging ambient room temperature.



ANTI-ALLERGY FILTER prevents the circulation of common airborne allergens such as dust, pollen and pet dander.



NANO SILVER TITANIUM AND PHOTOCATALYST FILTER filters germs and bacteria, lowering the risk of spreading harmful, airborne illnesses.



DEHUMIDIFICATION DEVICE removes excess moisture in the air by alternately setting cooling and fan modes without decreasing room temperature.



BODY COMFORT FUNCTION Calculates the room's comfort index and adjusts humidity and temperature automatically until it is reached.



R410A REFRIGERANT refers to the globally renowned R410A that cools any room efficiently without depleting the ozone.



PM 0.1 FILTER Keeps the air clean and healthy by filtering out harmful pollutants, such as bacteria, viruses and other particulates as ultra-fine as 0.1 microns.



DC PAM INVERTER TECHNOLOGY manages the unit's operating frequency to keep an optimized temperature setting and maximized cooling efficiency

OTHER FEATURES:

- Easy-to-Clean Panel · Auto-Restart Function · Auto-Protection Mode · LCD Display · User-Friendly Remote Control

ROYAL SPLIT TYPE

MODEL		HORSEPOWER	INPUT POWER	MOISTURE REMOVAL	STAR RATING	SPEED OF CONTROL	MONTHLY ENERGY CONSUMPTION	DIMENSIONS		PIPING SIZE (mm)		REFRIGERANT	CAPACITY	POWER INPUT		RUNNING CURRENT		ENERGY EFFICIENCY
								WxHxD (mm)	Kg	LIQUID PIPE	GAS PIPE			kj/h (kW)	STD / MAX	STD / MAX	EER (CSPF)	
RAS-08HT	INDOOR UNIT	0.8	230 VOLTS/ SINGLE PHASE/ 60HZ	1.4	*****	3	75.60	810 X 300 X 215	9	6.35	9.53	R410A	9,000 (2.50)	560 / 637	2.94 / 3.24	6.25		
RAC-08HTP	OUTDOOR UNIT							730 X 600 X 290	34									
RAS-10HT	INDOOR UNIT	1.0	230 VOLTS/ SINGLE PHASE/ 60HZ	1.78	*****	3	131.63	810 X 300 X 215	9	6.35	9.53	R410A	11,500 (3.19)	975 / 1,016	4.70 / 4.80	5.50		
RAC-10HTP	OUTDOOR UNIT							730 X 600 X 290	34									
RAS-15HT	INDOOR UNIT	1.5	230 VOLTS/ SINGLE PHASE/ 60HZ	2.8	*****	3	147.69	910 X 300 X 215	11	6.35	12.7	R410A	15,580 (4.33)	1,094 / 1,111	4.80 / 5.21	6.10		
RAC-15HTP	OUTDOOR UNIT							730 X 600 X 290	38									
RAS-19HT	INDOOR UNIT	2.0	230 VOLTS/ SINGLE PHASE/ 60HZ	3.4	*****	3	188.73	1,080 X 300 X 225	13	6.35	12.7	R410A	19,000 (5.28)	1,395 / 1,685	6.40 / 7.62	5.30		
RAC-19HTP	OUTDOOR UNIT							810 X 685 X 300	48									
RAS-24HT	INDOOR UNIT	2.5	230 VOLTS/ SINGLE PHASE/ 60HZ	4.3	*****	3	228.42	1,080 X 300 X 225	13	6.35	15.88	R410A	23,940 (6.65)	1,692 / 2,022	7.60 / 9.08	5.70		
RAC-24HTP	OUTDOOR UNIT							880 X 790 X 315	55									
RAS-30HT	INDOOR UNIT	3.0	230 VOLTS/ SINGLE PHASE/ 60HZ	4.8	*****	3	302.40	1,080 X 300 X 225	13	6.35	15.88	R410A	28,000 (7.78)	2,240 / 2,494	10.20 / 11.30	5.52		
RAC-30HTP	OUTDOOR UNIT							880 X 790 X 315	55									