



Product Release

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 Toshiba Carrier Thailand (TCTC)
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Toshiba Residential Inverter Heat Pump R410a 10, 13, 18, 22k Btu/h

We are pleased to introduce New Toshiba Residential Inverter Heat Pump R410a 10, 13, 18 and 22k Btu/h system to Vietnam market. These models are coming with wireless controller, which can easily convert to wired connection. We trust that this new product will offer additional benefit to your organization.

1. Model name

Item	Cooling Capacity (kW)	Heating Capacity (kW)	Model Name (FCU/CDU)	FCU EAN code	CDU EAN code
10k	2.50	3.20	RAS-10S3KV-V / RAS-10S3AV-V	8855169045926	8855169045933
13k	3.50	4.20	RAS-13S3KV-V / RAS-13S3AV-V	8855169045940	8855169045957
18k	5.00	5.80	RAS-18S3KV-V / RAS-18S3AV-V	8855169045964	8855169045971
22k	6.00	7.00	RAS-22S3KV-V / RAS-22S3AV-V	8855169045988	8855169045995



FCU Chassis of 10, 13k



FCU Chassis of 18, 22k



CDU Chassis of 10k



CDU Chassis of 13, 18, 22k



Remote controller (WH-TA03NE)

2. Production date in TCTC

Beginning of October 2015 (depend on the completion of MOIT registration).

3. Features

Toshiba IAQ filter, Hi-Power, Eco, Quiet, One touch my comfort, Preset, Timer, Comfort Sleep
 Wired-connection controller, Auto Diagnosis, and Self Cleaning

4. Applicable Market

Vietnam

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Specifications														
System	Size		10k			13k			18k			22k		
	Indoor		RAS-10S3KV-V			RAS-13S3KV-V			RAS-18S3KV-V			RAS-22S3KV-V		
	Outdoor		RAS-10S3AV-V			RAS-13S3AV-V			RAS-18S3AV-V			RAS-22S3AV-V		
Power supply			(V/Ph/Hz)		220 - 240V / 1Ph / 50Hz									
			Min	Rated	Max	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
Cooling	Capacity	(kW)	1.20	2.50	3.00	1.10	3.50	4.00	1.10	5.00	6.00	1.20	6.00	6.70
	Power Consumption	(kW)	0.29	0.77	1.05	0.25	1.00	1.33	0.18	1.42	2.00	0.20	1.995	2.65
	EER	(W/W)	3.25			3.50			3.52			3.01		
	Indoor Noise	(dB(A))	40/37/34/31/27			39/36/33/30/26			44/41/38/35/32			47/44/41/38/35		
	Outdoor Noise	(dB(A))	48			48			49			53		
Heating	Capacity	(kW)	0.90	3.20	3.50	0.90	4.20	5.00	0.80	5.80	6.30	1.00	7.00	7.50
	Power Consumption	(kW)	0.21	0.84	0.97	0.15	1.08	1.58	0.14	1.56	1.7	0.18	2.05	2.21
	COP	(W/W)	3.81			3.89			3.72			3.41		
	Indoor Noise	(dB(A))	41/38/35/32/28			40/37/34/31/28			44/41/39/35/32			47/44/42/38/35		
	Outdoor Noise	(dB(A))	50			50			50			52		
FCU	Dimensions	H x W x D (mm)	275 x 790 x 217			275 x 790 x 217			320 x 1050 x 229			320 x 1050 x 229		
		Net Weight (kg)	10			10			13			13		
CDU	Dimensions	H x W x D (mm)	530 x 660 x 240			550 x 780 x 290			550 x 780 x 290			550 x 780 x 290		
		Net Weight (kg)	28			43			39			41		
Piping	Chargeless length	(m)	15			15			15			15		
	Max length (with charge)	(m)	15			20 (add 20g/m)			20 (add 20g/m)			20 (add 20g/m)		
	Maximum height	(m)	8			10			10			10		
Energy label			5			5			5			5		
Refrigerant			R410a											
Air Filter			Toshiba IAQ Filter											
Usable range temp		Cooling (°C)	Indoor: 21 ~ 32 °C , Outdoor: -10 ~ 46 °C											
		Heating (°C)	Indoor: 0 ~ 28 °C , Outdoor: -15 ~ 24 °C											