



## Tropical Ultra Power Type

### Specification

Model			MRSTU-D252-O/RN1	MRSTU-D280-O/RN1	MRSTU-D335-O/RN1
Power supply		V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50
Cooling*	Capacity	RT	7.2	8.0	9.5
		Btu/h	86,000	95,500	114,300
		kW	25.2	28	33.5
	Power input	kW	5.79	6.83	8.17
	EER	kW/kW	4.35	4.1	4.1
Cooling**	Capacity	RT	7.0	7.4	8.7
		Btu/h	83,940	88,030	105,090
		kW	24.5	25.8	30.8
	Power input	kW	7.5	8.7	10.4
	EER	kW/kW	3.27	2.97	2.96
Heating	Capacity	RT	7.7	9.0	10.7
		Btu/h	92,100	107,500	128,000
		kW	27	31.5	37.5
	Power input	kW	5.63	7	8.06
	COP	kW/kW	4.8	4.5	4.65
Max. input consumption		kW	15	15	17
Max. current		A	28	28	28
Connectable indoor unit	Total capacity	%	50-130	50-130	50-130
	Max. quantity of indoor units		13	16	20
Digital scroll compressor	Model		ZPD72KCE-TFD-433	ZPD72KCE-TFD-433	ZPD72KCE-TFD-433
	Brand		Copeland	Copeland	Copeland
	Quantity		1	1	1
	Refrigerant oil volume	ml	1,893	1,893	1,893
Fixed scroll compressor	Model		ZP57K3E-TFD-422	ZP57K3E-TFD-422	ZP67KCE-TFD-420
	Brand		Copeland	Copeland	Copeland
	Quantity		1	1	1
	Refrigerant oil volume	ml	1,656	1,656	1,685
DC fan motor	Model		WZDK750-38G-4	WZDK750-38G-4	WZDK750-38G-4
	Quantity		1	1	1
	Output	W	750	750	750
AC fan motor	Model		-	-	-
	Quantity		-	-	-
	Output	W	-	-	-
	Capacitor	uF	-	-	-
External static pressure		Pa	0~20 (default) 20~40 (optional)	0~20 (default) 20~40 (optional)	0~20 (default) 20~40 (optional)
Air flow		m <sup>3</sup> /h	11700	11700	11700
Sound pressure level		dB(A)	57	57	58
Refrigerant charge		kg	R410A/9	R410A/9	R410A/10
Throttle type			EEV	EEV	EEV
Piping dimension	Liquid pipe	mm	Φ9.53	Φ9.53	Φ12.7
	Gas pipe	mm	Φ22.2	Φ22.2	Φ25.4
Outdoor unit	Dimension (W×H×D)	mm	960×1615×765	960×1615×765	960×1615×765
	Packing (W×H×D)	mm	1025×1790×830	1025×1790×830	1025×1790×830
	Net/gross wieght	kg	240/255	240/255	240/255
Operating ambient temp. range			Cooling: -15°C~54°C; Heating: -20°C~27°C		