



Model			MTBi-18HWDN1	MTBi-24HWDN1	MTBi-36HWDN1	MTBi-48HWDN1	MTBi-60HWDN1
Power supply		V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50
Cooling	Capacity	Btu/h	18000	24000	36000	48000	60000
	Input	W	1620	2190	3275	4294	4990
	Current	A	7,4	9,9	14,9	7,68	8,92
	EER	W/W	3,26	3,24	3,22	3,26	3,21
Heating	Capacity	Btu/h	19000	26000	40000	52000	65000
	Input	W	1509	2090	3245	4121	5200
	Current	A	6,9	9,6	15,0	7,37	9,30
	COP	W/W	3,69	3,64	3,61	3,64	3,61
Indoor fan motor	Model		YSK68-4P	YSK74-4P	YSK140-4P	YSK170-4P	YSK180-4P
	Qty		1	1	1	1	1
	Input	W	107/65/52	163/93/75	291/168/138	356/201/152	355/223/173
	Capacitor	uF	3.5UF/450V	3.5UF/450V	10UF/450V	10UF/450V	10UF/450V
	Speed(Hi/Med/Lo)	r/min	1150/800/700	1000/750/680	1070/790/710	1070/750/650	1080/830/710
Indoor coil	Number of rows		3	4	4	4	4
	Tube pitch(a)*row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1,5	1,5	1,5	1,5	1,5
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm	Φ7,Inner grooved tube	Φ7,Inner grooved tube	Φ7,Inner grooved tube	Φ7, innergroove tube	Φ7, innergroove tube
	Coil length * height * width	mm	735x252x40.11	735x252x53.48	955x336x53.48	1030x378x53.48	1030x378x53.48
	Number of circuits		4	6	8	8	8
Indoor air flow(Hi/Med/Lo)	m ³ /h	1170/770//650	1400/1100/1000	2270/1890/1650	3010/2410/1940	3150/2510/1990	
Indoor external static pressure	Pa	70	70	80	100	100	
Indoor noise level (sound pressure)(Hi/Med/Lo)	dB(A)	44/36/33	45/43/41	46/44/42	47/41/37	47/45/43	
Indoor unit	Dimension (WxDxH)	mm	920x635x210	920x635x270	1140x775x270	1200x865x300	1200x865x300
	Packing(WxDxH)	mm	1135x655x290	1135x655x350	1355x795x350	1385x920x373	1385x920x373
	Net/Gross weight	kg	23/29	28/34	39/46	50/59	50/59
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Drainage water pipe diameter	mm	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	
Refrigerant piping	Liquid side/ Gas side	mm	φ6.4φ12.7	φ9.5φ15.9	φ9.5φ15.9	φ9.5φ15.9	φ9.5φ15.9
Controller			KJR-10B/DP(T)-E	KJR-10B/DP(T)-E	KJR-10B/DP(T)-E	KJR-10B/DP(T)-E	KJR-10B/DP(T)-E