

tempblue™

air conditioning



Model name	Universal Outdoor Unit		TBA41B-024-V3U1C	TBA41B-036-V3U1C	TBA41B-048-V3U1C	TBA41B-060-V3U1C
Power supply	V/Ph/Hz		208-230V~/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz
Max. input consumption	W		3350	5000	7500	8000
Max. current	A		18.2	22.0	36.0	40.0
Starting current	A		50.0	100.0	125.0	125.0
Max Operating Pressure(MPa)	Discharge	MPa	4.5	4.5	4.2	4.2
	Suction	MPa	1.5	1.5	1.5	1.5
Compressor	Brand		HIGHLY	HITACHI	SANYO	SANYO
	Model		ASH232DG-C8DU	ATH356UN-C9EU	C-SBP140H16A	C-SBP160H16A
	Type		Rotary	Rotary	Scroll	Scroll
	Capacity	W	6850	10550	14200	13608
	Input	W	2225	3480	4950	5143
	Rated current(RLA)	A	9.9	16.8	24.5	29.1
	Locked rotor Amp(LRA)	A	50	90	124	124
	Thermal protector		internal	internal	internal	internal
	Capacitor	mF	55	80	60	60
Refrigerant oil	ml	570	1850	1400	1400	
Outdoor coil	Number of row		1	1	1	1
	Fin spacing	mm	1.5	1.5	1.5	1.5
	Fin material		Louver or Corrugated Fin	Louver or Corrugated Fin	Louver or Corrugated Fin	Louver or Corrugated Fin
	Tube outside diameter	mm	φ7	φ7	φ7	φ7
	Tube material		Innergroover tube type	Innergroover tube type	Innergroover tube type	Innergroover tube type
	Coil length x height x width	mm	1502×588×12.7	1395×714×12.7	2141×798×12.7	2141×798×12.7
	Number of circuit		3	3	4	4
Outdoor fan motor	Brand		BROAD-OCEAN/Lifeng	BROAD-OCEAN/Lifeng	BROAD-OCEAN/Lifeng	BROAD-OCEAN/Lifeng
	Model		Y7S623A803/SJ86A	Y7S623A803/SJ86A	Y7S623C5130/SJ217A	Y7S623C5130/SJ217A
	Input	W	142	142	368	368
	Output	W	86	86	217	217
	Running current	A	0.65	0.65	1.7	1.7
	Capacitor	mF	6.0	6.0	12	12.0
	Speed	rpm	1080	1080	1100	1100
Outdoor air flow	m ³ /h		4000	4000	6900	6900
Outdoor noise level	dB(A)		60	60	62	62
Outdoor dimension	Unit (WxHxD)	mm	554×633×554	554×759×554	740×843×740	740×843×740
	Packing (WxHxD)	mm	584×655×584	584×782×584	769×865×769	769×865×769
Outdoor weight	Net	kg	44.5	50	77	77
	Gross	kg	48.5	54	82	82
Refrigerant	Type		R410A	R410A	R410A	R410A
	Charge	g	1600	1630	2600	2250
Throttle type			Piston orifice in indoor unit	Piston orifice in indoor unit	Piston orifice in indoor unit	Piston orifice in indoor unit
Refrigerant pipe	Liquid side	mm	9.52	9.52	9.52	9.52
	Gas side	mm	15.88	19.05	19.05	19.05
	Max. refrigerant pipe length	m	30	30	50	50
	Max. difference in level	m	15	20	30	30
Ambient temperature range	Cooling	°C	21 ~ 43	21 ~ 43	21 ~ 43	21 ~ 43

Model name	Ceiling Floor Indoor		TBF41E-024-M3U1C	TBF41E-036-M3U1C	TBF41E-048-M3U1C	TBF41E-060-M3U1C
Power supply	V/Ph/Hz		208-230V~/60Hz	208-230V~/60Hz	208-230V~/60Hz	208-230V~/60Hz
Cooling	Capacity	Btu/h	24000	36000	48000	55000
	Capacity	W	7034	10550	14063	16119
	Input	W	2670	4200	5630	6630
	Rated current	A	12.0	17.00	24.50	28.60
	EER	W/W	2.60	2.51	2.50	2.53
Indoor coil	Number of row		2	3	2	2
	Fin spacing	mm	1.5	1.5	1.5	1.5
	Fin material		Hydrophilic & Louver Fin	Hydrophilic & Louver Fin	Hydrophilic & Louver Fin	Hydrophilic & Louver Fin
	Tube outside diameter	mm	φ7	φ7	φ7	φ7
	Tube material		Innergroover tube type	Innergroover tube type	Innergroover tube type	Innergroover tube type
	Coil length x height x width	mm	795×294×25.4	940×294×38.1	1300×294×25.4	1300×294×25.4
	Number of circuit		6	8	6	6
Indoor fan motor	Brand		BROAD-OCEAN/Lifeng	BROAD-OCEAN/Lifeng	BROAD-OCEAN/Lifeng	BROAD-OCEAN/Lifeng
	Model		Y6S443B537/SJ62B	Y6S443C508/SJ132B	Y6S443C807/SJ68A	Y6S443C807/SJ68A
	Input	W	149/125/93	242/193/173/147	180/150.3/140.7/125.6	180/150.3/140.7/125.6
	Running current	A	0.691/0.569/0.440	1.1/0.88/0.8/0.68	0.85/0.70/0.65/0.56	0.85/0.70/0.65/0.56
	Capacitor	uF	2.5	4.5	6.0	6.0
	Applied QTY.		1	1	2	2
	Speed (Hi/Me/Lo)	rpm	1200/1085/975/800	1155/1085/960	1330/1250/1175/1050	1330/1250/1175/1050
Indoor air flow (Hi/Me/Lo)	m ³ /h	1200/1050/900	1450/1300/1150	2300/2100/1900/1700	2300/2100/1900/1700	
Indoor noise level (Hi/Me/Lo)	dB(A)	45/43/40	51/50/49	53/51/48	53/51/48	
Indoor dimension	Unit (WxHxD)	mm	1055×235×675	1275×235×675	1635×235×675	1635×235×675
	Packing (WxHxD)	mm	1130×305×748	1350×305×748	1710×305×748	1710×305×748
Indoor weight	Net	kg	24	29	39.5	39.5
	Gross	kg	27	35	46.5	46.5
Refrigerant	Type		R410A	R410A	R410A	R410A
Refrigerant pipe	Liquid side	mm	φ9.52	9.52	9.52	9.52
	Gas side	mm	φ15.88	φ19.05	φ19.05	φ19.05
Drainage water pipe diameter	mm	OD25	OD25	OD25	OD25	
Operation temperature range	°C	21 ~ 43	21 ~ 43	21 ~ 43	21 ~ 43	
Operation Control		Remote controller	Remote controller	Remote controller	Remote controller	

Model name	Q8 Cassette Indoor		TBK41E-024--3U1C	TBK41E-036--3U1C	TBK41E-048--3U1C	TBK41E-060--3U1C
Power supply	V//Hz/Ph		208-230V~/60Hz	208-230V~/60Hz	208-230V~/60Hz	208-230V~/60Hz
Cooling	Capacity	Btu/h	24000	36000	48000	55000
	Capacity	W	7032	10550	14063	16120
	Input	W	2430	4138	5347	6153
	Rated current	A	11.1	17.60	22.80	26.30
	EER	W/W	2.89	2.55	2.63	2.62
Indoor coil	Number of row		2	2	2	2
	Fin spacing	mm	1.5	1.3	1.3	1.3
	Fin material		Hydrophilic & Louver Fin	Hydrophilic & Louver Fin	Hydrophilic & Louver Fin	Hydrophilic & Louver Fin
	Tube outside diameter	mm	φ7	φ7	φ7	φ7
	Tube material		Innergroover tube type	Innergroover tube type	Innergroover tube type	Innergroover tube type
	Coil length x height x width	mm	1899×168×25.4	1899×252×25.4	1899×252×25.4	1899×252×25.4
Number of circuit		8	12	12	12	
Indoor fan motor	Brand		Weiling	Lifeng	Lifeng	Lifeng
	Model		YKT-60-6-241	SJ56G	SJ56G	SJ56G
	Input	W	122	202	202	202
	Running current	A	0.53	0.90	0.90	0.90
	Capacitor	uF	3.0	3.5	3.5	3.5
	Speed (Hi/Me/Lo)	rpm	640/500/440	730/680/550/430	730/680/550/430	730/680/550/430
Indoor air flow (Hi/Me/Lo)	m ³ /h	1200/1050/900	1600/1300/1000	1600/1300/1000	1600/1300/1000	
Indoor noise level (Hi/Me/Lo)	dB(A)	44/39/36	47/44/42	47/44/42	47/44/42	
Indoor dimension	Unit (WxHxD)	mm	830x230x830	830x290x830	830x290x830	830x290x830
	Packing (WxHxD)	mm	925x290x925	925x360x925	925x360x925	925x360x925
Indoor weight	Net	kg	26	28	30	30
	Gross	kg	30	33	35.5	35.5
Panel	Unit (WxHxD)	mm	950×45×950	950×45×950	950×45×950	950×45×950
	Packing (WxHxD)	mm	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035
	Net/Gross	kg	6.0/9.0	6.0/9.0	6.0/9.0	6.0/9.0
Refrigerant	Type		R410A	R410A	R410A	R410A
Refrigerant pipe	Liquid side	mm	φ9.52	φ9.52	φ9.52	φ9.52
	Gas side	mm	φ15.88	φ19.05	φ19.05	φ19.05
Drainage water pipe diameter	mm	OD25	OD32	OD32	OD32	
Operation temperature range	°C		21 ~ 43	21 ~ 43	21 ~ 43	21 ~ 43
Operation Control			Remote controller	Remote controller	Remote controller	Remote controller

Model name	DUCT		TBC41B-024-E3U1C	TBC41B-036-E3U1C	TBC41B-048-E3U1C	TBC41B-060-E3U1C
Power supply		V/Ph/Hz	220-230V~/60Hz	208-230V~/60Hz	208-230V~/60Hz	208-230V~/60Hz
Cooling	Capacity	Btu/h	24000	36000	48000	55000
	Capacity	W	7329	10550	14063	16000
	Input	W	2603	4180	5600	6400
	Rated current	A	11.6	17.60	25.00	25.30
	EER	W/W	2.82	2.52	2.51	2.50
Indoor coil	Number of row		4	3	4	4
	Fin spacing	mm	1.5	1.4	1.4	1.4
	Fin material		Hydrophilic & Louver Fin	Hydrophilic & Louver Fin	Hydrophilic & Louver Fin	Hydrophilic & Louver Fin
	Tube outside diameter	mm	φ7	φ7	φ7	φ7
	Tube material		Innergroover tube type	Innergroover tube type	Innergroover tube type	Innergroover tube type
	Coil length x height x width	mm	734x252x50.8	940x336x38.1	1076x378x50.8	1076x378x50.8
	Number of circuit		6	8	8	8
Indoor fan motor	Brand		BTOAD-OCEAN	BROAD-OCEAN	BROAD-OCEAN	BROAD-OCEAN
	Model		TTB-24CW	TTB-36CW	Y6S443C807	Y6S443C807
	Input	W	83	140	170	180
	Running current	A	0.77	1	1.40	1.40
	Capacitor	uF	3.5	4.5	10.0	10.0
	Applied QTY.		1	1	1	1
	Speed (Hi/Me/Lo)	rpm	1070/910/630	1000/940/760	1100/980/690	1010/960/730
Indoor air flow (Hi/Me/Lo)	m ³ /h	1200/1100/850	1350/1200/950	1800/1600/1100	1850/1500/1200	
Indoor noise level (Hi/Me/Lo)	dB(A)	47/45/43	51/49/47	52/50/48	52/50/48	
Indoor dimension	Unit (WxHxD)	mm	920x270x570	1140x270x775	1200x300x865	1200x300x865
	Packing (WxHxD)	mm	1115x340x690	1345x345x830	1405x375x925	1405x375x925
Indoor weight	Net	kg	28	35	48	48
	Gross	kg	33	40	55	55
Refrigerant	Type		R410A	R410A	R410A	R410A
Refrigerant pipe	Liquid side	mm	9.52	9.52	9.52	9.52
	Gas side	mm	φ15.88	φ19.05	φ19.05	φ19.05
Drainage water pipe diameter	mm	ODφ25	OD25	OD25	OD25	
Operation temperature range	°C		21 ~ 43	21 ~ 43	21 ~ 43	21 ~ 43
Operation Control			Remote controller	Remote controller	Remote controller	Remote controller



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