



DC Inverter Rooftop Package (R410a)

Ton Model		5	7.5	10	15	20	25	30	
		BRP-C5TC3BM	BRP-C7.5TC3BM	BRP-C10TC3BM	BRP-C15TC3BM	BRP-C20TC3BM	BRP-C25TC3BM	BRP-C30TC3BM	
Cooling	Cooling capacity ^{*1}	Btu/h	60000	89000	116000	180000	240000	300000	330000
		kw	17.5	26	34	52	69	85	96
	Power input ^{*1}	kw	5.9	9	11.4	18.3	23.6	30	34.2
		EER ^{*1}	Btu/w	10.2	9.8	10.2	9.7	10.1	9.7
	Cooling capacity ^{*2}	Btu/h	50000	75000	100000	160000	210000	252000	297000
		kw	14.6	22	29	47	62	74	87
Power input ^{*2}	kw	6.2	9.5	12.1	20.4	27.5	33.3	39.5	
	EER ^{*2}	Btu/w	8.1	7.9	8.2	7.8	7.7	7.6	7.5
Heating	Heating Capacity	Btu/h	63000	95500	120000	191000	256000	330000	355000
		kw	18.5	28	35	54	75	90	104
	Power input	kw	5.5	8.2	10.3	16.8	23.4	28.5	34.5
	COP	Btu/w	11.5	11.6	11.6	11	11	10.8	10.5
Power supply	-	380~415V,3N~,50Hz	380~415V,3N~,50Hz	380~415V,3N~,50Hz	380~415V,3N~,50Hz	380~415V,3N~,50Hz	380~415V,3N~,50Hz	380~415V,3N~,50Hz	
Max. power input	kw	8	12	16	26	39	46	46	
Max. operating current	A	16	24	31	52	63	78	91	
Noise	dB(A)	65	69	72	74	74	75	75	
Indoor Fan	Air flow	CFM	2000	2800	3500	5700	8300	10000	12000
		m ³ /h	3300	4700	5900	9500	14000	16800	20000
	ESP	Pa	60(0~180)	75(0~180)	90(0~200)	120(0~300)	140(0~350)	150(0~350)	200(0~400)
	Type	-	DC Centrifugal	DC Centrifugal	DC Centrifugal	DC Centrifugal	DC Centrifugal	DC Centrifugal	DC Centrifugal
	Quantity	pcs.	1	1	1	2	2	2	2
Drive type	-	Direct	Direct	Direct	Direct	Direct	Direct	Direct	
Filter	Material	-	PP	PP	PP	PP	PP	PP	
	Quantity	-	1	1	1	2	2	2	
	Size(WxDxH)	mm	1000x430x10	1000x640x10	1000x720x10	900x740x10	900x630x10	1000x640x10	1000x860x10
Indoor Coil	Number of rows	-	3	4	4	4	4	4	
	Fins	pcs./in	16	16	16	16	16	16	16
		Tube size	in	5/16	5/16	5/16	5/16	5/16	5/16
	mm	7.94	7.94	7.94	7.94	7.94	7.94	7.94	
Compressor	Type	-	Rotary	Rotary	scroll	scroll	scroll	scroll	
	Quantity	pcs.	1	1	1	1	2	2	
	Brand	-	GMCC or Panasonic	GMCC or Panasonic	GMCC or Hitachi	CMCC or Hitachi	CMCC or Hitachi	CMCC or Hitachi	
	Capacity	Btu	57000	74000	79000	108000	79000x2	108000x2	108000x2
kw		16.8	21.5	23	31.6	23x2	31.6x2	31.6x2	
Oil charge	ml	1700	1900	1100	1560	1100x2	1560x2	1560x2	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	R410a	
	Refrigerant volume	kg	4.2	6	8	12	8x2	11x2	12x2
	Throttling method	-	EEV	EEV	EEV	EEV	EEV	EEV	
Outdoor fan	Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Quantity	pcs.	1	1	1	2	2	2	
	Drive type	-	Direct	Direct	Direct	Direct	Direct	Direct	
Outdoor Coil	Number of rows	-	3	3	3	3	3	3	
	Fins	pcs./in	16	16	16	16	16	16	16
		Tube size	in	5/16	5/16	5/16	5/16	5/16	9/32
	mm	7.94	7.94	7.94	7.94	7.94	7.94	7.94	
Dimension	Outline(WxDxH)	mm	1350x1100x800	1450x1100x1150	1450x1100x1200	2260x1120x1245	2240x1880x1165	2240x2320x1295	2240x2320x1560
	Package(WxDxH)	mm	1395x1150x845	1495x1150x1195	2495x1150x1245	2285x1145x1290	2265x1905x1215	2265x2345x1320	2265x2345x1610
Weight	Net	kg	210	305	335	570	780	890	1080
	Gross	kg	230	330	357	599	822	920	1125
Loading 20'/40'/40'HQ	pcs.	16/32/48	8/16/32	8/16/32	4/10/20	3/6/12	2/5/9	2/5/5	

Note:

1) ^{*1}, T1 cooling: Indoor, 27°C (81°F) DB/19°C (67°F) WB; Outdoor, 35°C (95°F) DB/24°C (76°F) WB;

2) ^{*2}, T3 cooling: Indoor, 29°C (84°F) DB/19°C (67°F) WB; Outdoor, 46°C (115°F) DB/°C (°F) WB;

3) Heating: Indoor, 20°C (68°F) DB/15°C (59°F) WB; Outdoor, 7°C (45°F) DB/6°C (43°F) WB;

Blueway reserves the rights to modify the above specifications without notice for product improvement. Please contact us for updated information.