



Blaupunkt Monoblok

BLP16P3V1MR32 | BLP19P3V1MR32



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Air source inverter heat pump, monoblock				
Model		BLP16P3V1MR32	BLP19P3V1MR32	
Power Supply	V/Hz	230 or 400 / 50-60		
Heating capacity	kW	16.3	18.7	A7/W35
Input power	kW	3.34	4.06	
C.O.P.	-	4.88	4.61	
Heating capacity	kW	15.99	17.61	A7/W55
Input power	kW	4.84	5.66	
C.O.P.	-	3.3	3.11	
Heating capacity	kW	11.42	12.2	A-7/W35
Input power	kW	3.7	4.05	
C.O.P.	-	3.09	3.01	
Heating capacity	kW	10.93	11.65	A-7/W55
Input power	kW	4.86	4.44	
C.O.P.	-	2.25	2.14	
Energy efficiency class for heating	A7/W35	A+++		
	A7/W55	A++		
Max current	A	25	9	
Max. water temperature	*C	60		
Operating temperature range	*C	-25-43		
Refrigerant circuit	Compressor	Inverter Mitsubishi - Twin Rotary		
	Refrigerant	R32		
	Heat exchanger	copper and hydrophilic aluminum laths		
	Air flow	m3/h	5600	
Water circulation	Heat exchanger	Plate heat exchanger		
	Inlet/outlet pipe	DN32	DN32	
	Water flow	m3/h	≥ 2.3	
	Acceptable pressure	≤ 0.8 Mpa		
Noise level	(dB(A))	52		
Dimensions	mm	1115*1280*425		
Dimensions with packaging	mm	1150*1405*500		
Net weight	kg	140		
Waga brutto	kg	150		

Performance tables

Air temperature °C	16kW			19kW		
	BLP16P3V1MR32			BLP19P3V1MR32		
	Heating capacity (kW)			Heating capacity (kW)		
-20	7,58	7,21		8,80	8,37	
-15	8,81	8,38	7,96	10,23	9,73	9,25
-10	10,24	9,74	9,25	11,89	11,31	10,75
2	14,49	13,78	13,09	16,83	16,00	15,20
6	16,10	15,31	14,54	18,70	17,18	16,89
15	19,48	18,52	17,59	22,63	21,52	20,44
20	21,88	20,81	19,76	25,42	24,18	22,96
Hot water temperature °C	35	45	50	35	45	50
Air temperature °C	COP kW/kW			COP kW/kW		
-20	2,72	2,21		2,57	2,08	
-15	3,06	2,48	2,14	2,89	2,34	2,02
-10	3,44	2,79	2,40	3,25	2,63	2,27
2	4,49	3,63	3,13	4,24	3,44	2,96
6	4,88	3,95	3,40	4,61	3,74	3,22
15	5,59	4,53	3,89	5,28	4,28	3,69
20	5,98	4,85	4,16	5,65	4,58	3,95
Hot water temperature °C	35	45	50	35	45	50

Operating conditions:

• (1) Heating water temperature: 30 / 35 deg. C

• Heating water temperature: 40 / 45 deg. C

• Heating water temperature: 50 / 55 deg. C

