

BLAUPUNKT

Blaupunkt Monoblok
BLP06P1V2MR32

2
years
warranty

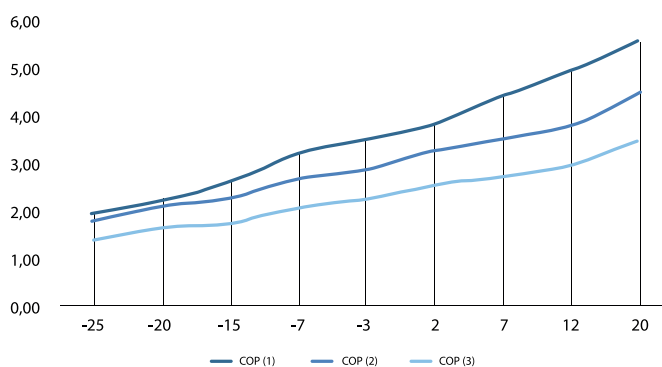
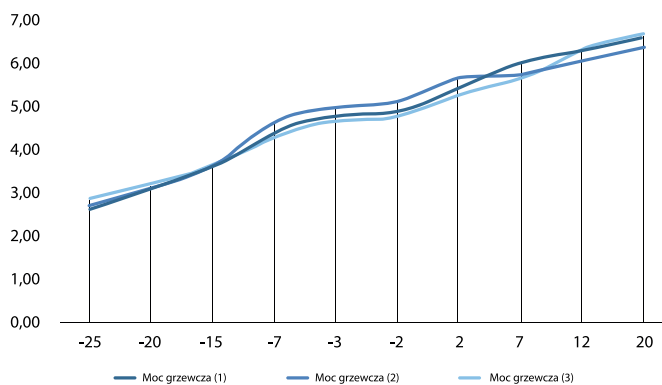


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Air source inverter heat pump, monoblock			
		BLP06P1V2MR32	
Power Supply	V/HZ	220-240/50 1F	
Refrigerant	-	R32	
Max. Heating Capacity	kW	6	
C.O.P	-	4,45	
Heating Capacity Min./Max.	kW	2,76 / 6	
Heating Power Input Min./Max.	W	564 / 1348	
C.O.P Min./Max.	-	4,45 / 4,90	
Max. Heating Capacity	kW	5,64	
C.O.P	-	2,78	
Heating Capacity Min./Max.	kW	2,60 / 5,64	
Heating power input Min./Max.	W	872 / 2033	
C.O.P Min./Max.	-	2,78 / 2,98	
Max. Heating Capacity	kW	4,37	
C.O.P	-	3,25	
Heating Capacity Min./Max.	kW	2,01 / 4,37	
Heating power input Min./Max.	W	578 / 1345	
C.O.P Min./Max.	-	3,25 / 3,48	
Max. Heating Capacity	kW	4,27	
C.O.P	-	2,09	
Heating Capacity Min./Max.	kW	1,96 / 4,27	
Heating power input Min./Max.	W	876 / 2038	
C.O.P Min./Max.	-	2,09/2,24	
Max Current	A	9,35	
Compressor	Type - Quantity/System	-	Twin Rotary Inverter
Fan	Quantity	-	1
	Airflow	m3/h	1500
	Rated power	W	30
Water Side Heat Exchanger	Type	-	Plate heat exchanger
	Water Pressure Drop	kPa	18
	Piping Connection	cal	G3/4"
Allowable Water Flow	Min./Rated./Max.	L/S	0,18 0,29 0,48
Noise Level	db (A)	49	
Net Dimension (LxDxH)	mm	990*375*655	
Packing Dimension (LxDxH)	mm	1070*405*800	
Net Weight	kg	52	
Gross Weight	kg	58	

Performance tables

Model	BLP06P1V2MR32		
Air temp °C	Heating capacity (KW)		
-25	2,71	2,67	2,84
-20	3,12	3,11	3,21
-15	3,59	3,66	3,59
-7	4,37	4,63	4,27
-3	4,76	4,98	4,66
-2	4,86	5,08	4,75
2	5,40	5,64	5,28
7	6,00	5,76	5,64
12	6,30	6,05	6,31
20	6,62	6,35	6,62
Hot water temp °C	30/35	40/45	50/55
Air temp °C	COP kW/kW		
-25	1,99	1,81	1,41
-20	2,27	2,12	1,66
-15	2,63	2,31	1,80
-7	3,25	2,69	2,09
-3	3,52	2,91	2,27
2	3,87	3,28	2,55
7	4,45	3,56	2,78
12	4,98	3,84	3,00
20	5,58	4,50	3,51
Hot water temp °C	35	45	55



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Blaupunkt Monoblok

BLP08P1V1M

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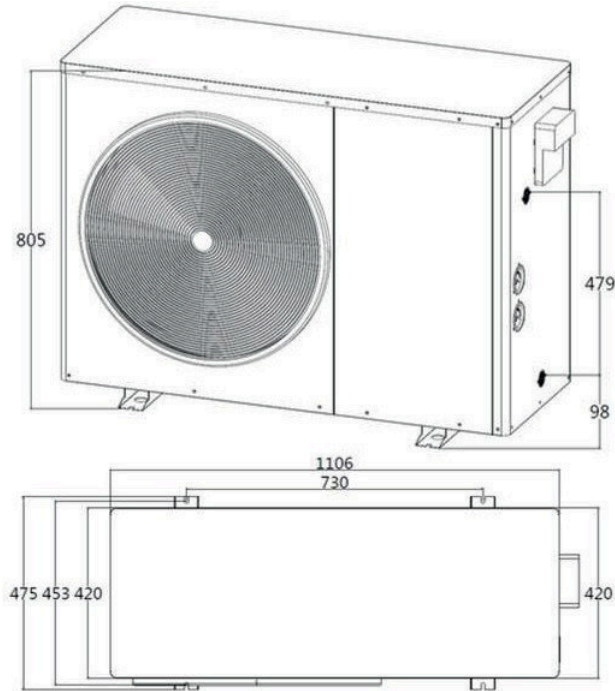
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Air source inverter heat pump, monoblock			
Model		BLP08P1V1M	
Power supply	V/HZ	220-240/50 1F	
Refrigerant	-	R410A	
Rated power	kW	7.5	
C. O. P.	-	4.45	
Heat output range	kW	3.45 / 7.5	
Electric power consumptions	W	620 / 1685	
C. O. P. (min - max)	-	4,45 / 5,56	
Rated power	kW	6.7	
C. O. P.	-	2.99	
Heat output range	kW	3.08 / 6.7	
Electric power consumptions	W	959 / 2239	
C. O. P. (min - max)	-	2.99 / 3.21	
Rated power	kW	5.7	
C. O. P.	-	3.44	
Heat output range	kW	2.61 / 5.68	
Electric power consumptions	W	607 / 1651	
C. O. P. (min - max)	-	3.44 / 4.30	
Rated power	kW	5.0	
C. O. P.	-	2.13	
Heat output range	kW	2.31 / 5.02	
Electric power consumptions	W	867 / 2355	
C. O. P. (min - max)	-	2.13 / 2.66	
Rated current	A	8.1	
Max. power consumption	kW	2.4	
Max. current consumption	A	11.69	
Compressor	Type	-	Twin Rotary Inverter
Fan	Quantity	-	1
	Air flow	m ³ /h	2500
	Rated power	W	90
Heat exchanger	Type	-	Plate
	Pressure drop	kPa	16
	Hydraulic connection	inch	G3/4"
Water flow	Min./Rated/Max.	L/S	0.22 0.36 0.6
Noise	db (A)	57	
Dimensions	mm	1110*475*810	
Dimensions with packaging	mm	1200*540*970	
Net weight	kg	78	
Gross weight	kg	105	

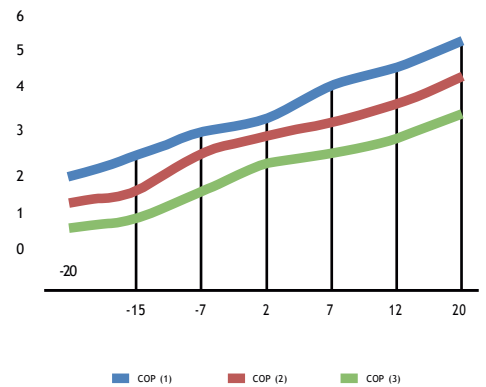
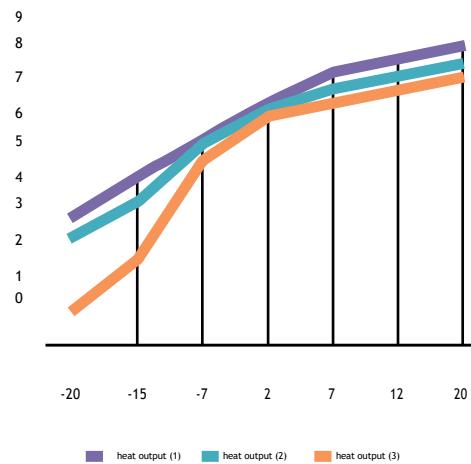
Technical drawing



Performance tables BLP08P1V1M

MONOBLOCK 8 kW

Air temperature °C	Heating capacity (kW)		
-25			
-20	3.46	2.94	0.88
-15	4.62	3.91	2.35
-7	5.68	5.51	5.02
2	6.68	6.49	6.29
7	7.50	7.05	6.70
12	7.88	7.40	7.03
20	8.27	7.77	7.38
Hot water temperature °C	30/35	40/45	50/55
Air temperature °C	COP kW/kW		
-25			
-20	2.48	1.90	1.37
-15	2.92	2.16	1.55
-7	3.44	2.95	2.13
2	3.74	3.36	2.75
7	4.45	3.65	2.99
12	4.85	4.05	3.32
20	5.43	4.66	3.82
Hot water temperature °C	35	45	55



Operating conditions:

• (1) Heating water temperature: 30 / 35 deg. C • Heating water temperature: 40 / 45 deg. C • Heating water temperature: 50 / 55 deg. C

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Blaupunkt Monoblok
BLP08P1V1MR32

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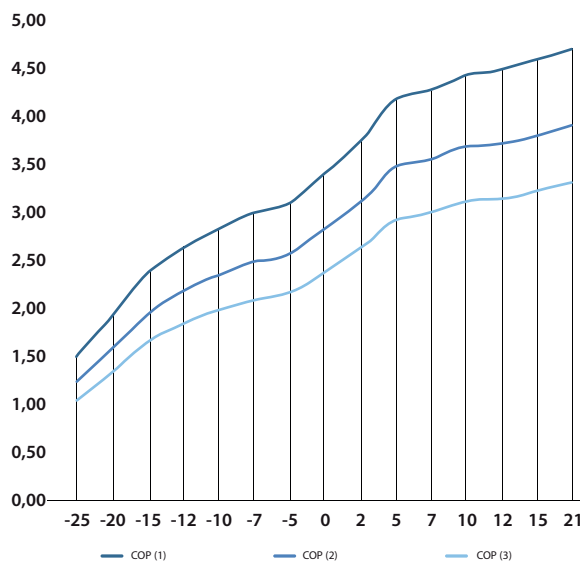
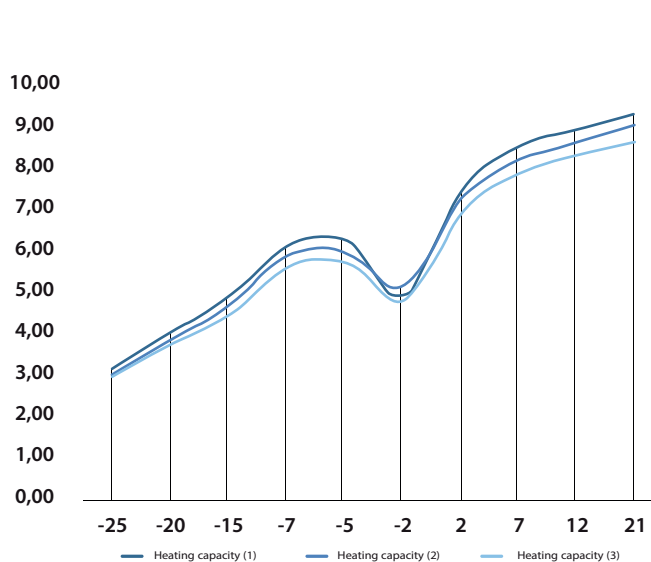
years
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Air source inverter heat pump, monoblock			
		BLP08P1V1MR32	
Power Supply	V/HZ	220-240/501F	
Refrigerant	-	R32	
Max. Heating Capacity	kW	8,4	
C.O.P	-	4,26	
Heating Capacity Min./Max.	kW	1,6 / 8,4	
Heating Power Input Min./Max.	W	370 / 2000	
C.O.P Min./Max.	-	4,26 / 4,24	
Max. Heating Capacity	kW	7,8	
C.O.P	-	2,99	
Heating Capacity Min./Max.	kW	1,50 / 7,80	
Heating power input Min./Max.	W	490 / 2600	
C.O.P Min./Max.	-	2,99 / 2,97	
Max. Heating Capacity	kW	6,0	
C.O.P	-	2,99	
Heating Capacity Min./Max.	kW	1,10 / 6,00	
Heating power input Min./Max.	W	380 / 2000	
C.O.P Min./Max.	-	3,01 / 2,99	
Max. Heating Capacity	kW	5,5	
C.O.P	-	2,09	
Heating Capacity Min./Max.	kW	1,00 / 5,50	
Heating power input Min./Max.	W	500 / 2600	
C.O.P Min./Max.	-	2,11 / 2,09	
Max Power	kW	3,6	
Max Current	A	16,50	
Compressor	Type - Quantity/System	-	Twin Rotary Inverter
Fan	Quantity	-	1
	Airflow	m3/h	2500
	Rated power	W	80
Water Side Heat Exchanger	Type	-	Plate heat exchanger
	Water Pressure Drop	kPa	30
	Piping Connection	cal	G1"
Allowable Water Flow	Min./Max.	L/S	0,16 / 0,40
Noise Level		db (A)	53
Net Dimension (LxDxH)		mm	970*475*820
Packing Dimension (LxDxH)		mm	1070*405*800
Net Weight		kg	105
Gross Weight		kg	58

Performance tables



Model	BLP08P1V1MR32		
Air temp °C	Heating capacity (KW)		
-25	3,10	3,00	2,90
-20	4,00	3,80	3,70
-15	4,80	4,60	4,40
-7	6,00	5,80	5,50
-5	6,20	5,90	5,70
-2	4,86	5,08	4,75
2	7,30	7,10	6,80
7	8,40	8,10	7,80
12	8,80	8,50	8,20
21	9,20	8,90	8,50
Hot water temp °C	30/35	40/45	50/55

Model	BLP08P1V1MR32		
Air temp °C	COP		
-25	1,52	1,27	1,07
-20	1,94	1,61	1,36
-15	2,37	1,97	1,66
-12	2,64	2,20	1,85
-10	2,83	2,35	1,98
-7	2,99	2,48	2,09
-5	3,09	2,57	2,17
0	3,40	2,83	2,38
2	3,72	3,10	2,61
5	4,16	3,46	2,91
7	4,26	3,55	2,99
10	4,42	3,68	3,10
12	4,48	3,73	3,14
15	4,56	3,80	3,20
21	4,68	3,90	3,28
Hot water temp °C	35	45	55

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Blaupunkt Monoblok

BLP06P1V1MR32 | BLP09P1V1MR32

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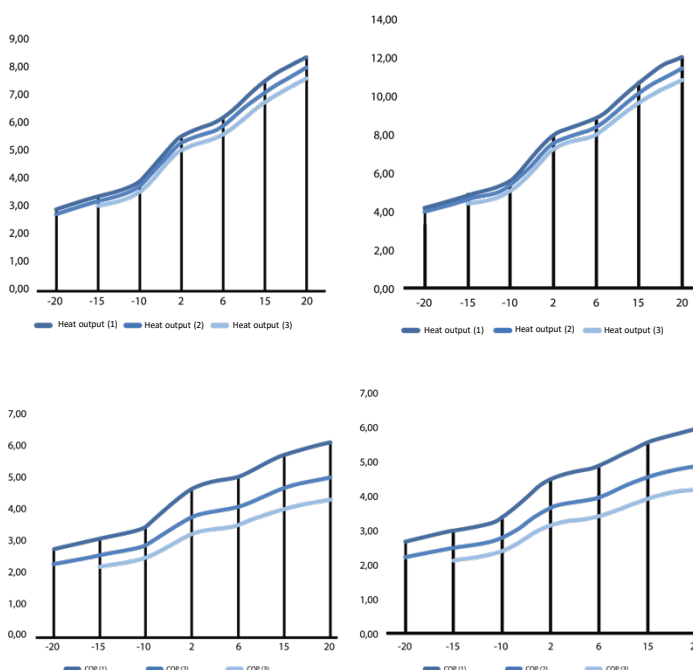


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Air source inverter heat pump, monoblock				
Model		BLP06P1V1MR32	BLP09P1V1MR32	
Power Supply	V/Hz	230/50-60		
Heating capacity	kW	6.21	8.9	
Input power	kW	1.26	1.81	
C.O.P.	-	4.93	4.92	
Heating capacity	kW	5.86	8.35	
Input power	kW	1.73	2.53	
C.O.P.	-	3.39	3.3	
Heating capacity	kW	5.6	6.5	
Input power	kW	1.89	2.21	
C.O.P.	-	2.96	2.94	
Heating capacity	kW	4.56	5.171	
Input power	kW	2.35	2.65	
C.O.P.	-	1.94	1.95	
Energy efficiency class for heating	A7/W35	A+++		
	A7/W55	A++		
Max current	A	13		
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	2100	2400
Water circulation	Heat exchanger		Plate heat exchanger	
	Inlet/outlet pipe		DN25 (1")	DN25 (1")
	Water flow	m3/h	≥ 0.8	≥ 1.2
	Acceptable pressure		≤ 0.8 Mpa	
Noise level	(dB(A))	46		
Dimensions	mm	1115*710*425		
Dimensions with packaging	mm	1150*845*500		
Net weight	kg	90		
Bruto weight	kg	110		

Performance tables

Air temperature °C	6kW			9kW		
	BLP06P1V1MR32			BLP09P1V1MR32		
	Heating capacity (kW)			Heating capacity (kW)		
-20	2,92	2,78		4,19	3,98	
-15	3,40	3,23	3,07	4,87	4,63	4,39
-10	3,95	3,76	3,57	5,66	5,38	5,11
2	5,56	5,32	5,05	7,97	7,61	7,24
6	6,21	5,91	5,61	8,90	8,46	8,04
15	7,51	7,15	6,79	10,77	10,24	9,72
20	8,44	8,03	7,63	12,10	11,51	10,92
Hot water temperature °C	35	45	50	35	45	50
Air temperature °C	COP			COP		
-20	2,70	2,23		2,69	2,23	
-15	3,03	2,51	2,15	3,02	2,50	2,14
-10	3,40	2,82	2,42	3,39	2,81	2,41
2	4,54	3,68	3,16	4,53	3,67	3,16
6	4,93	4,00	3,44	4,92	3,99	3,43
15	5,60	4,58	3,94	5,59	4,57	3,93
20	5,99	4,90	4,22	5,98	4,89	4,21
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

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Blaupunkt Monoblok

BLP10P3V1M | BLP13P3V1

2

years
warranty



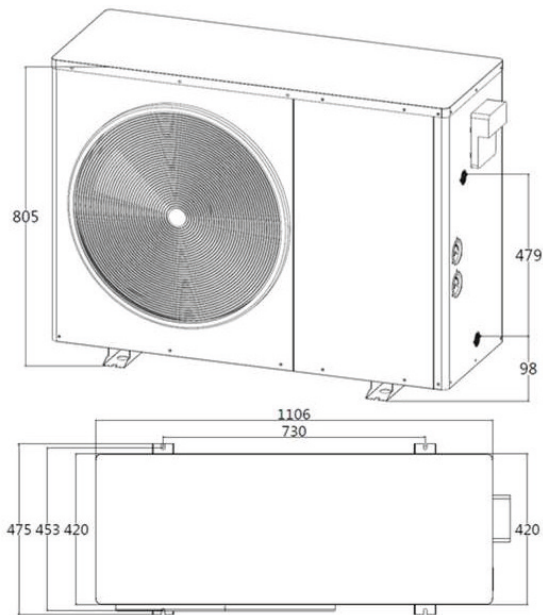
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DC INVERTER AIR SOURCE HEAT PUMPS (MONOBLOCK TYPE)				
MODEL			BLP10P3V1M	BLP13P3V1M
POWER SUPPLY/REFRIGERANT		V/Hz/Ph	380-420/50/3 -R410A	380-420/50/3 -R410A
MAX. HEATING CAPACITY (1)		kW	9,6	12,5
C. O. P (1)		W/W	4,45	4,52
HEATING CAPACITY MIN./MAX. (1)		kW	4,416 / 9,6	5,75 / 12,5
HEATING POWER INPUT MIN./MAX. (1)		W	794 / 2157	1018 / 2765
C.O.P MIN./MAX. (1)		W/W	4,45 / 5,56	4,52 / 5,65
MAX. HEATING CAPACITY (2)		kW	9,0	11,8
C.O.P (2)		W/W	3,60	3,62
HEATING CAPACITY MIN./MAX. (2)		kW	4,15 / 9,02	5,41 / 11,75
HEATING POWER INPUT MIN./MAX. (2)		W	982 / 2535	1259 / 3249
C.O.P MIN./MAX. (2)		W/W	3,56 / 4,23	3,62 / 4,29
MAX. COOLING CAPACITY (3)		kW	8,6	9,5
E.E.R (3)		W/W	3.50	3,49
COOLING CAPACITY MIN./MAX. (3)		kW	3,94/8.5	4,37 / 9,50
COOLING POWER INPUT MIN./MAX. (3)		W	952/290	1001 / 2719
E.E.R MIN./MAX.(3)		W/W	2,95 / 4,14	3,49 / 4,37
MAX. COOLING CAPACITY (4)		kW	6,8	9,2
E.E.R (4)		W/W	2,62	2,93
COOLING CAPACITY MIN./MAX. (4)		kW	3,11 / 6,77	4,24 / 9,22
COOLING POWER INPUT MIN./MAX. (4)		W	854 / 2695	1159 / 3151
E.E.R MIN./MAX.(4)		W/W	2,51 / 3,65	2,93 / 3,66
C.O.P MIN./MAX.(6)		W/W	2,92 / 3,65	5,8
RATED CURRENT		A	4,6	5,8
MAX POWER INPUT		kW	3,1	4,0
MAX CURRENT		A	6,60	8,46
COMPRESSOR	TYPE-QUANTITY/SYSTEM	-	Twin Rotary-1	Twin Rotary-1
FAN	QUANTITY	-	1	1
	AIRFLOW	m3/h	3000	3500
	RATED POWER	W	100	110
WATER SIDE HEAT EXCHANGER	TYPE	-	Plate Heat Exchanger	Plate Heat Exchanger
	WATER PRESSURE DROP	kPa	20	22
	PIPING CONNECTION	Inch	G1"	G1"
ALLOWABLE WATER FLOW	MIN./RATED./MAX.	L/S	0,29 / 0,46 / 0,76	0,37 / 0,60 / 1,00
NOISE LEVEL		dB(A)	59	60
NET DIMENSION(LxDxH)		mm	1110*475*810	1110*475*960
PACKING DIMENSION(LxDxH)		mm	1200*540*970	1200*540*1120
NET WEIGHT		Kg	88	98
GROSS WEIGHT		Kg	116	126

Note:

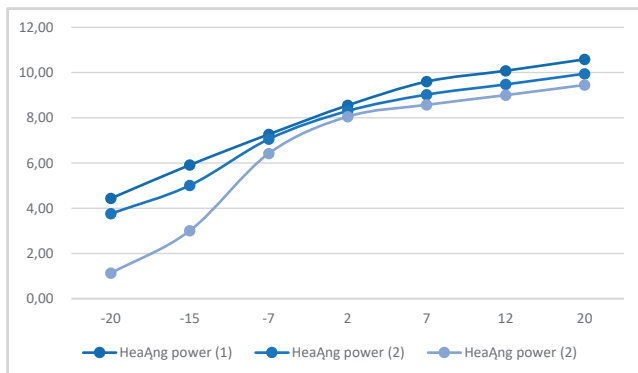
- (1) Heating condition: water inlet/outlet temperature: 30°C/35°C, Ambient temperature: DB 7°C/WB 6°C;
(2) Heating condition: water inlet/outlet temperature: 40°C/45°C, Ambient temperature: DB 7°C/WB 6°C;
(3) Cooling condition: water inlet/outlet temperature: 23°C/18°C, Ambient temperature: DB 35°C/WB 24°C;
(4) Cooling condition: water inlet/outlet temperature: 12°C/7°C, Ambient temperature: DB 35°C/WB 24°C;

Technical drawings

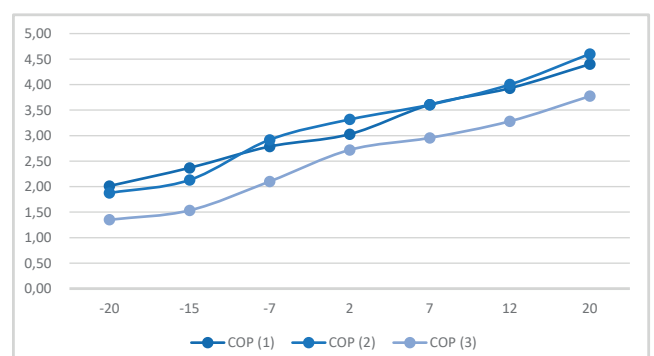
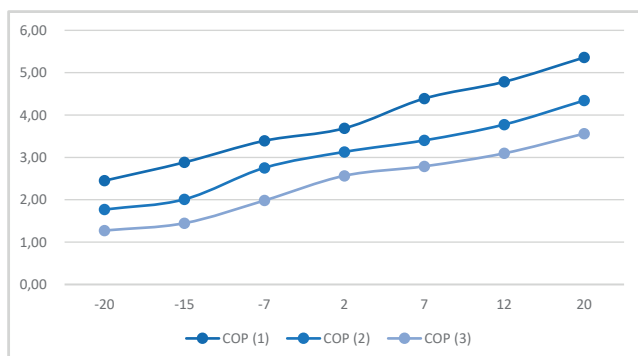
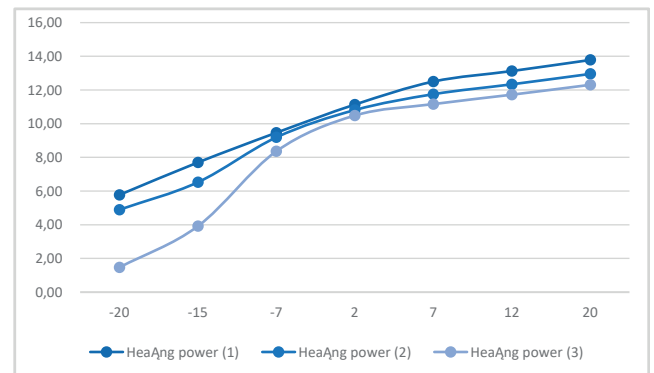


Performance tables

BLP10P3V1M



BLP13P3V1M



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Blaupunkt Monoblok

BLP10P3V2MR32

BLP12P3V2MR32

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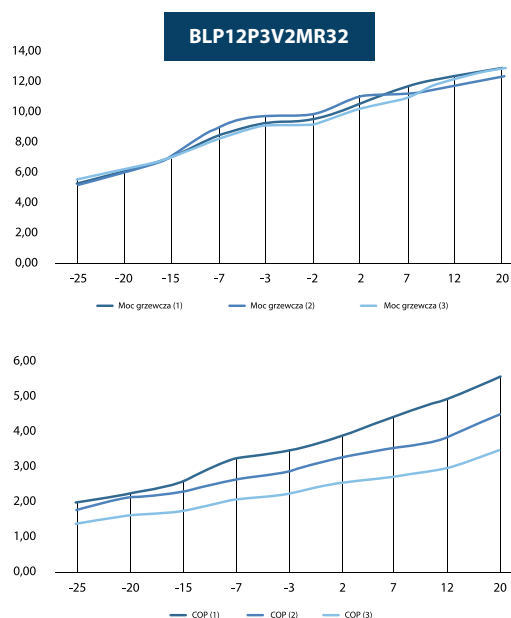
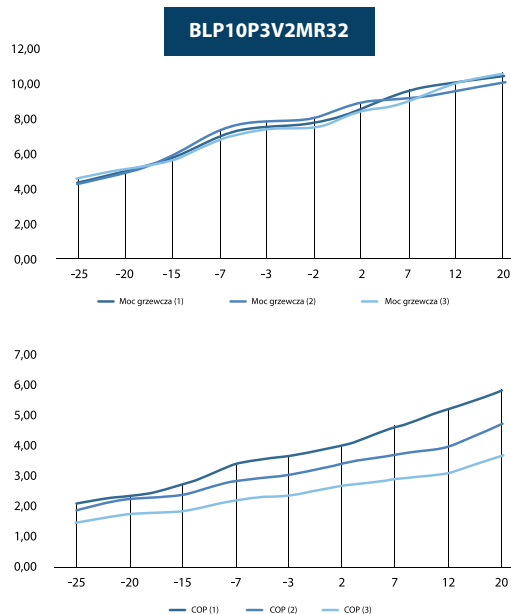


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Air source inverter heat pump, monoblock									
			BLP10P3V1M			BLP12P3V2MR32			
Power Supply		V/Hz	380-420/50 3F			380-420/50 3F			
Refrigerant		-	R32			R32			
Max. Heating Capacity		kW	9,40			11,60			
C.O.P		-	4,61			4,42			A7/W35
Heating Capacity Min./Max.		kW	4,32 / 9,40			5,34 / 11,60			
Heating Power Input Min./Max.		W	759 / 2061			966 / 2624			
C.O.P Min./Max.		-	4,56 / 5,70			4,42 / 5,53			
Max. Heating Capacity		kW	8,84			10,91			
C.O.P		-	2,88			2,76			A7/W55
Heating Capacity Min./Max.		kW	4,07 / 8,84			5,02 / 10,91			
Heating power input Min./Max.		W	1236 / 3074			1573 / 3957			
C.O.P Min./Max.		-	2,88 / 3,29			2,76 / 3,19			
Max. Heating Capacity		kW	6,85			8,46			
C.O.P		-	3,37			3,23			A-7/W35
Heating Capacity Min./Max.		kW	3,15 / 6,85			3,89 / 8,46			
Heating power input Min./Max.		W	874 / 2034			1125 / 2618			
C.O.P Min./Max.		-	3,37 / 3,60			3,23 / 3,46			
Max. Heating Capacity		kW	6,69			8,25			
C.O.P		-	2,17			2,08			A-7/W55
Heating Capacity Min./Max.		kW	3,08 / 6,69			3,80 / 8,25			
Heating power input Min./Max.		W	1325 / 3082			1706 / 3967			
C.O.P Min./Max.		-	2,17/2,32			2,08/ 2,23			
Max Current		A	6,53			8,31			
Compressor	Type - Quantity/System	-	Twin Rotary Inverter			Twin Rotary Inverter			
Fan	Quantity	-	1			1			
	Airflow	m ³ /h	2500			3000			
	Rated power	W	80			100			
Water Side Heat Exchanger	Type	-	Plate heat exchanger			Plate heat exchanger			
	Water Pressure Drop	kPa	18			20			
	Piping Connection	cal	G1"			G1"			
Allowable Water Flow	Min./Rated./Max.	L/S	0,28	0,45	0,75	0,35	0,55	0,92	
Noise Level		db (A)	56			59			
Net Dimension (LxDxH)		mm	1110*475*810			1110*475*810			
Packing Dimension (LxDxH)		mm	1200*540*970			1220*540*970			
Net Weight		kg	78			88			
Gross Weight		kg	106			116			

Performance tables

BLP10P3V2MR32			BLP12P3V2MR32		
Heating capacity (KW)			Heating capacity (KW)		
4,25	4,19	4,46	5,25	5,17	5,50
4,89	4,87	5,02	6,03	6,01	6,20
5,62	5,73	5,63	6,93	7,07	6,94
6,85	7,25	6,69	8,46	8,95	8,25
7,46	7,80	7,29	9,21	9,63	9,00
7,61	7,96	7,44	9,40	9,82	9,18
8,46	8,84	8,27	10,44	10,91	10,20
9,40	9,02	8,84	11,60	11,14	10,91
9,87	9,48	9,89	12,18	11,69	12,20
10,36	9,95	10,37	12,79	12,28	12,80
30/35	40/45	50/55	30/35	40/45	50/55
BLP10P3V2MR32			BLP12P3V2MR32		
COP kW/kW			COP kW/kW		
2,07	1,87	1,46	1,98	1,79	1,40
2,35	2,20	1,72	2,25	2,11	1,65
2,73	2,39	1,87	2,62	2,29	1,79
3,37	2,78	2,17	3,23	2,67	2,08
3,65	3,02	2,36	3,50	2,90	2,26
4,01	3,39	2,65	3,85	3,25	2,54
4,61	3,69	2,88	4,42	3,54	2,76
5,16	3,98	3,11	4,95	3,82	2,98
5,78	4,66	3,63	5,54	4,47	3,49
35	45	55	35	45	55



BLAUPUNKT

Blaupunkt Monoblok

BLP10P3V2MR32

BLP12P3V2MR32

2
years
warranty

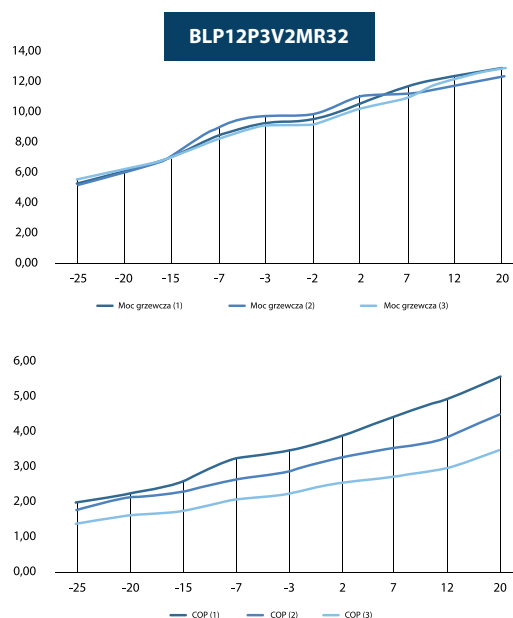
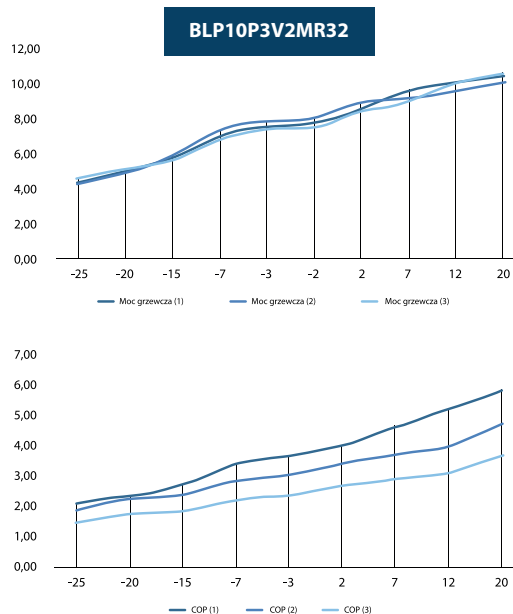


Enjoy It.

Air source inverter heat pump, monoblock									
			BLP10P3V1M			BLP12P3V2MR32			
Power Supply		V/Hz	380-420/50 3F			380-420/50 3F			
Refrigerant		-	R32			R32			
Max. Heating Capacity		kW	9,40			11,60			A7/W35
C.O.P		-	4,61			4,42			
Heating Capacity Min./Max.		kW	4,32 / 9,40			5,34 / 11,60			
Heating Power Input Min./Max.		W	759 / 2061			966 / 2624			
C.O.P Min./Max.		-	4,56 / 5,70			4,42 / 5,53			
Max. Heating Capacity		kW	8,84			10,91			A7/W55
C.O.P		-	2,88			2,76			
Heating Capacity Min./Max.		kW	4,07 / 8,84			5,02 / 10,91			
Heating power input Min./Max.		W	1236 / 3074			1573 / 3957			
C.O.P Min./Max.		-	2,88 / 3,29			2,76 / 3,19			
Max. Heating Capacity		kW	6,85			8,46			A-7/W35
C.O.P		-	3,37			3,23			
Heating Capacity Min./Max.		kW	3,15 / 6,85			3,89 / 8,46			
Heating power input Min./Max.		W	874 / 2034			1125 / 2618			
C.O.P Min./Max.		-	3,37 / 3,60			3,23 / 3,46			
Max. Heating Capacity		kW	6,69			8,25			A-7/W55
C.O.P		-	2,17			2,08			
Heating Capacity Min./Max.		kW	3,08 / 6,69			3,80 / 8,25			
Heating power input Min./Max.		W	1325 / 3082			1706 / 3967			
C.O.P Min./Max.		-	2,17/2,32			2,08/ 2,23			
Max Current		A	6,53			8,31			
Compressor		Type - Quantity/System	Twin Rotary Inverter			Twin Rotary Inverter			
Fan		Quantity	1			1			
		Airflow	2500			3000			
		Rated power	80			100			
Water Side Heat Exchanger		Type	Plate heat exchanger			Plate heat exchanger			
		Water Pressure Drop	18			20			
		Piping Connection	G1"			G1"			
Allowable Water Flow		Min./Rated./Max.	L/S	0,28	0,45	0,75	0,35	0,55	0,92
Noise Level		db (A)	56			59			
Net Dimension (LxDxH)		mm	1110*475*810			1110*475*810			
Packing Dimension (LxDxH)		mm	1200*540*970			1220*540*970			
Net Weight		kg	78			88			
Gross Weight		kg	106			116			

Performance tables

BLP10P3V2MR32			BLP12P3V2MR32		
Heating capacity (KW)			Heating capacity (KW)		
4,25	4,19	4,46	5,25	5,17	5,50
4,89	4,87	5,02	6,03	6,01	6,20
5,62	5,73	5,63	6,93	7,07	6,94
6,85	7,25	6,69	8,46	8,95	8,25
7,46	7,80	7,29	9,21	9,63	9,00
7,61	7,96	7,44	9,40	9,82	9,18
8,46	8,84	8,27	10,44	10,91	10,20
9,40	9,02	8,84	11,60	11,14	10,91
9,87	9,48	9,89	12,18	11,69	12,20
10,36	9,95	10,37	12,79	12,28	12,80
30/35	40/45	50/55	30/35	40/45	50/55
BLP10P3V2MR32			BLP12P3V2MR32		
COP kW/kW			COP kW/kW		
2,07	1,87	1,46	1,98	1,79	1,40
2,35	2,20	1,72	2,25	2,11	1,65
2,73	2,39	1,87	2,62	2,29	1,79
3,37	2,78	2,17	3,23	2,67	2,08
3,65	3,02	2,36	3,50	2,90	2,26
4,01	3,39	2,65	3,85	3,25	2,54
4,61	3,69	2,88	4,42	3,54	2,76
5,16	3,98	3,11	4,95	3,82	2,98
5,78	4,66	3,63	5,54	4,47	3,49
35	45	55	35	45	55



BLAUPUNKT

Blaupunkt Monoblok
BLP13P3V1MR32

2

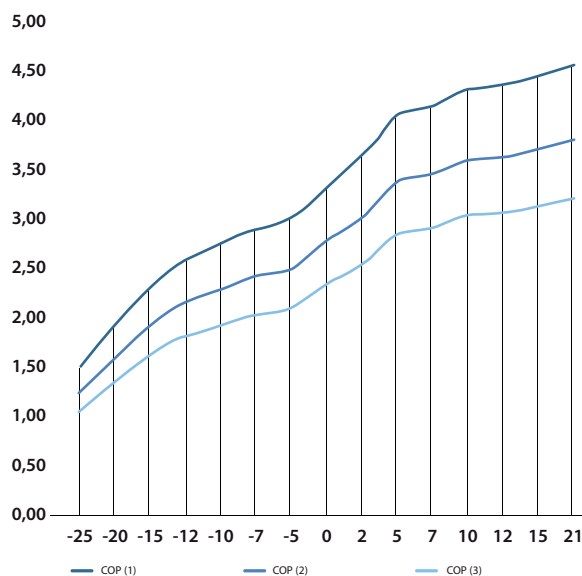
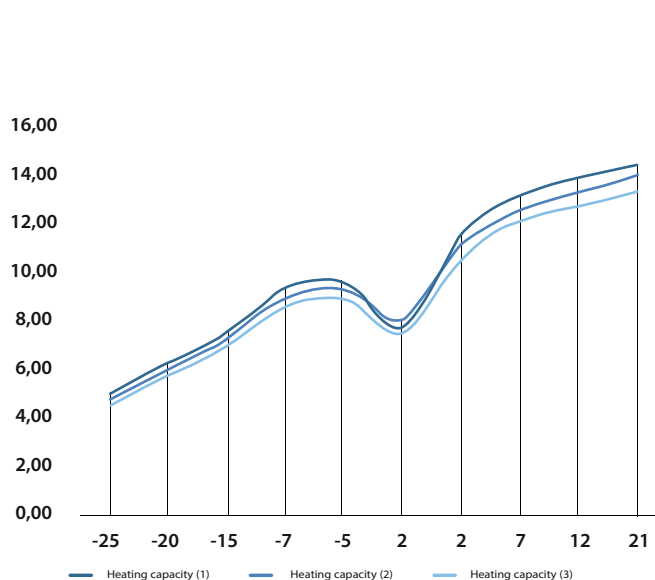
years
warranty



Enjoy It.

Air source inverter heat pump, monoblock			
		BLP13P3V1MR32	
Power Supply	V/HZ	380-420/50 3F	
Refrigerant	-	R32	
Max. Heating Capacity	kW	13	
C.O.P	-	4,63	
Heating Capacity Min./Max.	kW	4,40 / 13,00	
Heating Power Input Min./Max.	W	950 / 3100	
C.O.P Min./Max.	-	4,63 / 4,17	
Max. Heating Capacity	kW	12,0	
C.O.P	-	2,92	
Heating Capacity Min./Max.	kW	4,10 / 12,00	
Heating power input Min./Max.	W	1250 / 4100	
C.O.P Min./Max.	-	3,25 / 2,92	
Max. Heating Capacity	kW	9,2	
C.O.P	-	2,92	
Heating Capacity Min./Max.	kW	3,20 / 9,20	
Heating power input Min./Max.	W	960 / 3200	
C.O.P Min./Max.	-	3,29 / 2,92	
Max. Heating Capacity	kW	8,5	
C.O.P	-	2,30	
Heating Capacity Min./Max.	kW	2,90 / 8,50	
Heating power input Min./Max.	W	1270 / 4200	
C.O.P Min./Max.	-	2,30 / 2,04	
Max Power	kW	4,65	
Max Current	A	8,80	
Compressor	Type - Quantity/System	-	Twin Rotary Inverter
Fan	Quantity	-	1
	Airflow	m ³ /h	3500
	Rated power	W	150
Water Side Heat Exchanger	Type	-	Plate heat exchanger
	Water Pressure Drop	kPa	35
	Piping Connection	cal	G1"
Allowable Water Flow	Min./Max.	L/S	0,25 / 0,62
Noise Level		db (A)	55
Net Dimension (LxDxH)		mm	1110*475*970
Packing Dimension (LxDxH)		mm	1200*540*970
Net Weight		kg	115
Gross Weight		kg	106

Performance tables



Model	BLP13P3V1MR32		
Air temp °C	Heating capacity (KW)		
-25	4,90	4,70	4,50
-20	6,20	5,90	5,70
-15	7,40	7,20	6,90
-7	9,20	8,90	8,50
-5	9,50	9,20	8,80
-2	7,61	7,96	7,44
2	11,40	11,00	10,50
7	13,00	12,50	12,00
12	13,70	13,20	12,60
21	14,30	13,80	13,20
Hot water temp °C	30/35	40/45	50/55

Model	BLP13P3V1MR32		
Air temp °C	COP		
-25	1,49	1,24	1,04
-20	1,90	1,58	1,33
-15	2,31	1,92	1,62
-12	2,58	2,15	1,81
-10	2,76	2,30	1,94
-7	2,92	2,43	2,04
-5	3,02	2,51	2,12
0	3,32	2,76	2,33
2	3,64	3,03	2,55
5	4,06	3,38	2,85
7	4,17	3,47	2,92
10	4,32	3,59	3,03
12	4,38	3,64	3,07
15	4,46	3,71	3,13
21	4,58	3,81	3,21
Hot water temp °C	35	45	55

BLAUPUNKT

Blaupunkt Monoblok

BLP16P3V1MR32 | BLP19P3V1MR32

2
years
warranty



Enjoy It.

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	
Input power	kW	3.34	4.06	
C.O.P.	-	4.88	4.61	
Heating capacity	kW	15.99	17.61	
Input power	kW	4.84	5.66	
C.O.P.	-	3.3	3.11	
Heating capacity	kW	11.42	12.2	
Input power	kW	3.7	4.05	
C.O.P.	-	3.09	3.01	
Heating capacity	kW	10.93	11.65	
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	m ³ /h	5600	
Water circulation	Heat exchanger	Plate heat exchanger		
	Inlet/outlet pipe		DN32	DN32
	Water flow	m ³ /h	≥ 2.3	≥ 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

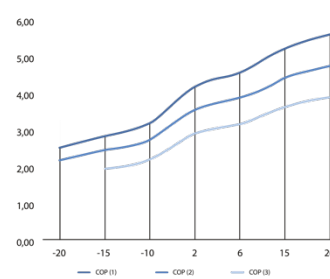
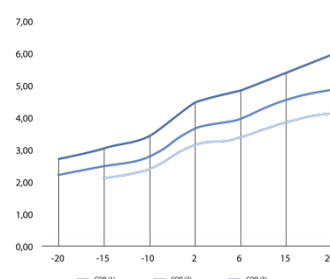
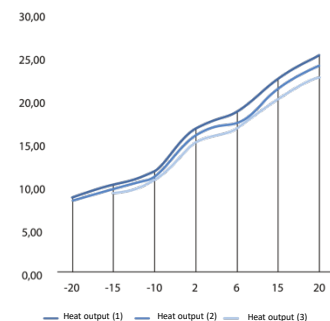
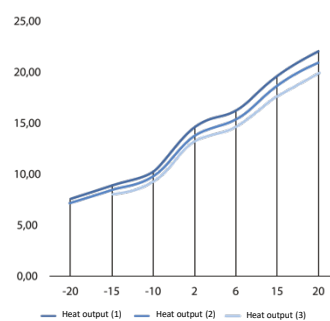
Air temperature °C	16kW			19kW		
	BLP16P3V1MR32			BLP19P3V1MR32		
	Heating capacity (kW)			Heating capacity (kW)		
-20	7,58	7,21		8,80	8,37	
-15	8,81	8,38	7,96	10,23	9,73	9,25
-10	10,24	9,74	9,25	11,89	11,31	10,75
2	14,49	13,78	13,09	16,83	16,00	15,20
6	16,10	15,31	14,54	18,70	17,18	16,89
15	19,48	18,52	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





Blaupunkt Monoblok

BLP17P3V1M | BLP19P3V1

2
years
warranty



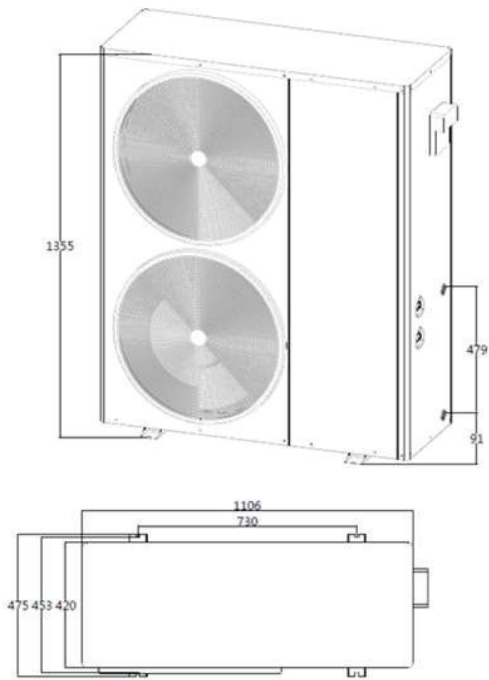
Enjoy it.

DC INVERTER AIR SOURCE HEAT PUMPS (MONOBLOCK TYPE)				
MODEL			BLP17P3V1M	BLP19P3V1M
POWER SUPPLY/REFRIGERANT		V/Hz/Ph	380-420/50/3 - R410A	380-420/50/3 - R410A
MAX. HEATING CAPACITY (1)		kW	16,6	18,6
C. O. P (1)		W/W	4,52	4,42
HEATING CAPACITY MIN./MAX. (1)		kW	7,636 / 16,6	8,556 / 18,6
HEATING POWER INPUT MIN./MAX. (1)		W	1352 / 3673	1549 / 4208
C.O.P MIN./MAX. (1)		W/W	4,52 / 5,65	4,42 / 5,53
MAX. HEATING CAPACITY (2)		kW	15,6	17,5
C.O.P (2)		W/W	3,62	3,43
HEATING CAPACITY MIN./MAX. (2)		kW	7,18 / 15,60	8,04 / 17,48
HEATING POWER INPUT MIN./MAX. (2)		W	1672 / 4315	1915 / 4945
C.O.P MIN./MAX. (2)		W/W	3,62 / 4,29	3,54 / 4,20
MAX. COOLING CAPACITY (3)		kW	14,8	16,6
E.E.R (3)		W/W	3.51	3,32
COOLING CAPACITY MIN./MAX. (3)		kW	6,82 / 14,82	7,64 / 16,61
COOLING POWER INPUT MIN./MAX. (3)		W	1620 / 4939	1857 / 5659
E.E.R MIN./MAX.(3)		W/W	3,00 / 4,21	2,93 / 4,12
MAX. COOLING CAPACITY (4)		kW	11,7	13,1
E.E.R (4)		W/W	2,63	2,49
COOLING CAPACITY MIN./MAX. (4)		kW	5,38 / 11,70	6,03 / 13,11
COOLING POWER INPUT MIN./MAX. (4)		W	1454 / 4587	1666 / 5256
E.E.R MIN./MAX.(4)		W/W	2,55 / 3,70	2,49 / 3,62
C.O.P MIN./MAX.(6)		W/W	2,93 / 3,66	2,77 / 3,47
RATED CURRENT		A	7,8	8,9
MAX POWER INPUT		kW	5,3	6,1
MAX CURRENT		A	11,24	12,88
COMPRESSOR	TYPE-QUANTITY/SYSTEM	-	Twin Rotary-1	Twin Rotary-1
FAN	QUANTITY	-	2	2
	AIRFLOW	m3/h	5000	5500
	RATED POWER	W	200	210
WATER SIDE HEAT EXCHANGER	TYPE	-	Plate Heat Exchanger	Plate Heat Exchanger
	WATER PRESSURE DROP	kPa	23	25
	PIPING CONNECTION	Inch	G1"	G1"
ALLOWABLE WATER FLOW	MIN./RATED./MAX.	L/S	0,50 / 0,79 / 1,32	0,56 / 0,89 / 1,48
NOISE LEVEL		dB(A)	61	62
NET DIMENSION(LxDxH)		mm	1110*475*1355	1110*475*1355
PACKING DIMENSION(LxDxH)		mm	1200*540*1510	1200*540*1510
NET WEIGHT		Kg	124	124
GROSS WEIGHT		Kg	161	161

Note:

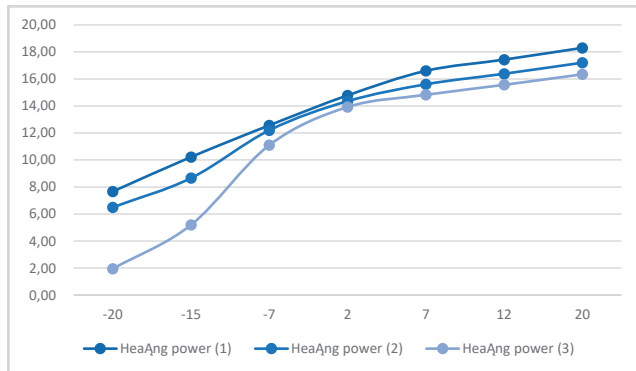
- (1) Heating condition: water inlet/outlet temperature: 30°C/35°C, Ambient temperature: DB 7°C/WB 6°C;
(2) Heating condition: water inlet/outlet temperature: 40°C/45°C, Ambient temperature: DB 7°C/WB 6°C;
(3) Cooling condition: water inlet/outlet temperature: 23°C/18°C, Ambient temperature: DB 35°C/WB 24°C;
(4) Cooling condition: water inlet/outlet temperature: 12°C/7°C, Ambient temperature: DB 35°C/WB 24°C;

Technical drawings

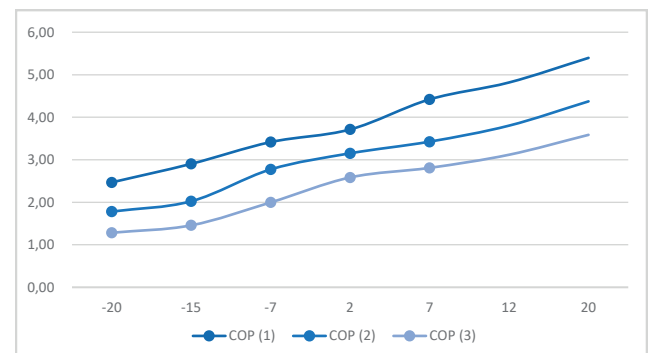
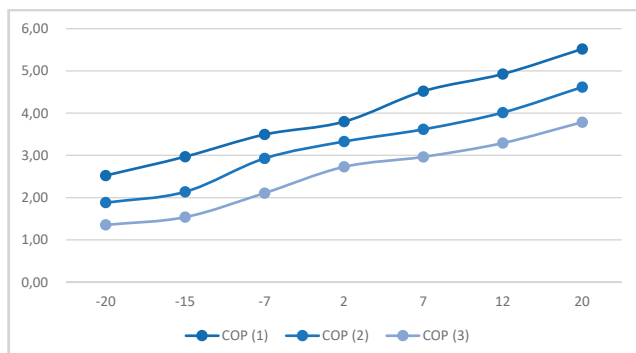
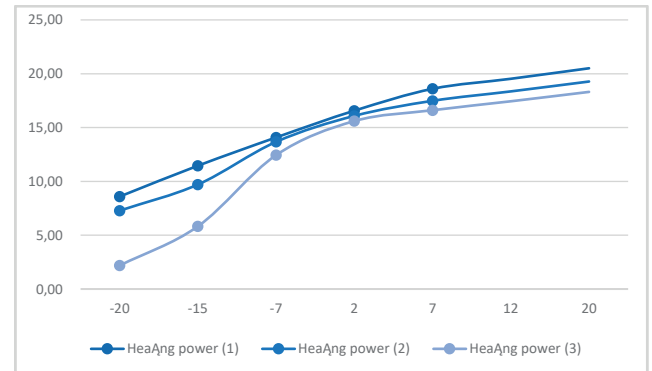


Performance tables

BLP17P3V1M



BLP19P3V1M



BLAUPUNKT

Blaupunkt Monoblok

BLP16P3V1MR32 | BLP19P3V1MR32

2
years
warranty



Enjoy It.

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
Input power	kW	3.34	4.06
C.O.P.	-	4.88	4.61
Heating capacity	kW	15.99	17.61
Input power	kW	4.84	5.66
C.O.P.	-	3.3	3.11
Heating capacity	kW	11.42	12.2
Input power	kW	3.7	4.05
C.O.P.	-	3.09	3.01
Heating capacity	kW	10.93	11.65
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

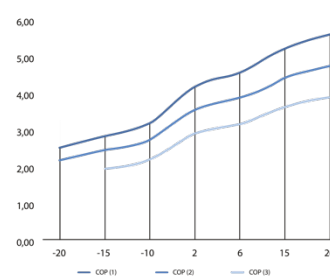
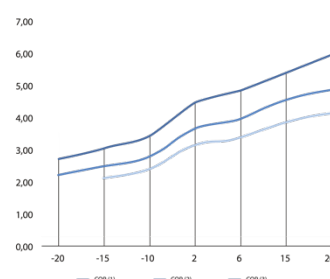
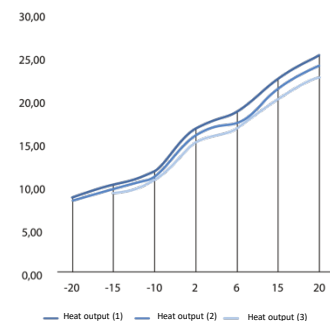
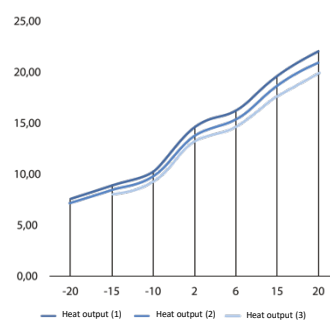
Air temperature °C	16kW			19kW		
	BLP16P3V1MR32			BLP19P3V1MR32		
	Heating capacity (kW)			Heating capacity (kW)		
-20	7,58	7,21		8,80	8,37	
-15	8,81	8,38	7,96	10,23	9,73	9,25
-10	10,24	9,74	9,25	11,89	11,31	10,75
2	14,49	13,78	13,09	16,83	16,00	15,20
6	16,10	15,31	14,54	18,70	17,18	16,89
15	19,48	18,52	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



BLAUPUNKT

Blaupunkt Monoblok

BLP20P3V2MR32

BLP22P3V2MR32

2
years
warranty



Enjoy It.

Air source inverter heat pump, monoblock

			BLP20P3V2MR32			BLP22P3V2MR32		
Power Supply		V/Hz	380-420/50 3F			380-420/50 3F		
Refrigerant		-	R32			R32		
Max. Heating Capacity		kW	19,80			21,80		
C.O.P		-	4,72			4,62		
Heating Capacity Min./Max.		kW	9,11 / 19,80			10,03 / 21,80		
Heating Power Input Min./Max.		W	1544 / 4195			1736 / 4719		
C.O.P Min./Max.		-	4,72 / 5,90			4,62 / 5,78		
Max. Heating Capacity		kW	18,63			20,51		
C.O.P		-	2,95			3,10		
Heating Capacity Min./Max.		kW	8,57 / 18,63			9,43 / 20,51		
Heating power input Min./Max.		W	2514 / 6325			2828 / 6606		
C.O.P Min./Max.		-	2,95 / 3,41			3,10 / 3,34		
Max. Heating Capacity		kW	14,43			15,89		
C.O.P		-	3,45			3,38		
Heating Capacity Min./Max.		kW	6,64 / 14,43			7,31 / 15,89		
Heating power input Min./Max.		W	1799 / 4185			2024 / 4707		
C.O.P Min./Max.		-	3,45 / 3,69			3,38 / 3,61		
Max. Heating Capacity		kW	14,09			15,51		
C.O.P		-	2,22			2,34		
Heating Capacity Min./Max.		kW	6,48 / 14,09			7,14 / 15,51		
Heating power input Min./Max.		W	2726 / 6342			2848 / 6624		
C.O.P Min./Max.		-	2,22 / 2,38			2,34 / 2,51		
Max Current		A	13,28			14,94		
Compressor	Type - Quantity/System	-	Twin Rotary Inverter			Twin Rotary Inverter		
Fan	Quantity	-	2			2		
	Airflow	m ³ /h	5000			5500		
	Rated power	W	200			210		
Water Side Heat Exchanger	Type	-	Plate heat exchanger			Plate heat exchanger		
	Water Pressure Drop	kPa	23			25		
	Piping Connection	cal	G1"			G1"		
Allowable Water Flow	Min./Rated./Max.	L/S	0,59	0,95	1,58	0,65	1,04	1,74
Noise Level	db (A)		61			62		
Net Dimension (LxDxH)	mm		1110*475*1355			1110*475*1355		
Packing Dimension (LxDxH)	mm		1200*540*1510			1200*540*1510		
Net Weight	kg		124			124		
Gross Weight	kg		161			161		

Performance tables

BLP20P3V2MR32			BLP22P3V2MR32		
Heating capacity (KW)			Heating capacity (KW)		
9,06	9,38	9,39	9,98	10,33	10,33
10,30	10,31	10,58	11,34	11,35	11,65
11,84	11,33	11,85	13,03	12,47	13,05
14,43	14,34	14,09	15,89	15,79	15,51
15,72	15,42	15,36	17,30	16,98	16,91
16,04	15,74	15,68	17,66	17,33	17,26
17,82	17,49	17,42	19,62	19,25	19,18
19,80	19,01	18,63	21,80	20,93	20,51
20,79	19,96	20,83	22,89	21,97	22,93
21,83	20,96	21,85	24,03	23,07	24,05
30/35	40/45	50/55	30/35	40/45	50/55
BLP20P3V2MR32			BLP22P3V2MR32		
COP kW/kW			COP kW/kW		
2,37	2,07	1,64	2,32	2,03	1,73
2,61	2,25	1,80	2,55	2,21	1,90
2,93	2,45	1,96	2,87	2,40	2,06
3,45	2,85	2,22	3,38	2,79	2,34
3,74	3,09	2,41	3,66	3,03	2,54
4,11	3,47	2,71	4,02	3,40	2,86
4,72	3,78	2,95	4,62	3,70	3,10
5,29	4,08	3,18	5,17	3,99	3,35
5,92	4,77	3,72	5,80	4,67	3,92
35	45	55	35	45	55

