

TECHNICAL SPECIFICATION

BLUE LINE



Model		BL-8-1	BL-12-1	BL-12-3	BL-23-3
Power supply	/	220~240V~/50Hz	220~240V~/50Hz	380~415V/3N~/50Hz	380~415V/3N~/50Hz
Water resistance	IPX	IPX4	IPX4	IPX4	IPX4
Heating conditions - ambient temperature (DB/WB): 7/6°C, Water temperature (Input/Output): 30/35°C					
Heating capacity range	kW	2,88~8,20	4,80~12,50	4,80~12,50	7,60~23,00
Heating power input range	kW	0,54~1,84	0,95~2,95	0,95~2,95	1,55~5,90
COP A7W35		4,46~5,33	4,24~5,05	4,24~5,05	3,90~4,90
Heating conditions - ambient temperature 2°C, Water temperature (Input/Output): 30/35°C					
Cooling capacity range	kW	2,45~6,54	4,31~10,80	4,31~10,80	6,62~19,54
Cooling power input range	kW	0,52~1,84	0,93~2,83	0,93~2,83	1,50~5,60
COP A2W35		3,55~4,71	3,82~4,63	3,82~4,63	3,49~4,41
Cooling conditions - ambient temperature (DB/WB): 35/24°C, Water temperature (Input/Output): 12/7°C					
Cooling capacity range	kW	1,56~6,00	2,20~10,0	2,20~10,0	5,30~15,00
Cooling power input range	kW	0,63~2,36	1,10~3,80	1,10~3,80	2,03~6,59
Cooling current input range	A	2,74~10,3	4,78~8,26	1,84 ~6,36	3,59~11,64
SCOP+35 °C temperate climate		4,96	4,83	4,79	4,72
SCOP+55 °C temperate climate		3,47	3,42	3,45	3,47
Max. electric power	kW	2,9	4,95	4,95	8,3
Max. input current	A	13	21,4	8	15
Water flow	m³/h	1	1,7	1,7	2,9
Refrigerant / Refrigerant charge	kg	R32 / 1,1kg	R32 / 1,8kg	R32 / 1,8kg	R32 / 2,0kg
CO2 equivalent	Tonne	0,74	1,22	1,22	1,35
Sound pressure (1m)	dB(A)	41	43	43	45
Sound power level (EN12102)	dB	58	60	60	61
Net weight	kg	90	132	132	208
Working pressure (low side)	MPa	2,1	2,1	2,1	2,1
Working pressure (high side)	MPa	4,4	4,4	4,4	4,4
Device dimensions (L/W/H)	mm	1167×407×795	1287×458×928	1287×458×928	1250×540×1330
Shipping dimensions (L/W/H)	mm	1300×485×940	1420×540×1080	1420×540×1080	1380×570×1480
Compressor	Brand	Panasonic	Panasonic	Panasonic	Panasonic
Circulator pump	Brand	SHIMGE	SHIMGE	SHIMGE	SHIMGE
Ambient temperature during operation	°C	-25~43	-25~43	-25~43	-25~43
Number of fans	/	1	1	1	2
Fan motor type	/	Direct current motor	Direct current motor	Direct current motor	Direct current motor
Fan motor power range (min.-max.)	W	55~105	60~120	60~120	30~80
Fan speed (RPM)	RPM	300~600	300~600	300~600	300~750
Water connection	cale	1	1	1	1
Internal water pressure drop (at nominal flow)	kPa	40	45	45	69
Circulator pump head at nominal flow	kPa	90	85	85	100
Housing type Recommended fuse		Galvanised sheet +ASA	Galvanised sheet +ASA	Galvanised sheet +ASA	Galvanised sheet +ASA
Zalecany bezpiecznik		C16A	C25A	C10A	C16A

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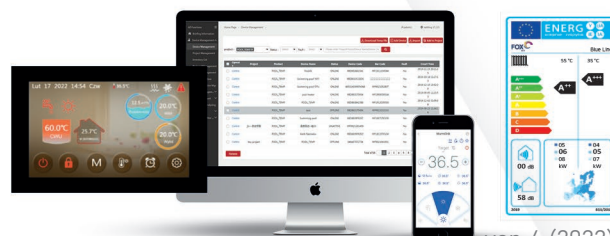
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