











MAGIO™

	Model	Order no.	Working temperature range (°C)	Temperature stability (°C)	Cooling capacity (°C)						Pump		
					20	0	-10	-20	-30	-40	Pressure (bar)	Supply pressure (l/min)	Suction pressure (bar)
Bridge mounted circulators	MS-Z	9 032 201	+20 ... +300	± 0.01	-	-	-	-	-	-	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	MX-Z	9 033 201	+20 ... +300	± 0.01	-	-	-	-	-	-	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
Heating circulators	MS-BC4	9 032 504	+20 ... +300	± 0.01	-	-	-	-	-	-	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	MX-BC6	9 033 506	+20 ... +300	± 0.01	-	-	-	-	-	-	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	MX-BC12	9 033 512	+20 ... +300	± 0.01	-	-	-	-	-	-	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	MX-BC26	9 033 526	+20 ... +300	± 0.01	-	-	-	-	-	-	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
Refrigerated circulators	 MS-310F	9 032 713.N1	-30 ... +200	± 0.01	0.26	0.21	0.17	0.10	0.01	-	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	 MS-450F	9 032 714.N1	-30 ... +200	± 0.01	0.4	0.33	0.24	0.12	0.01	-	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	 MS-449F	9 032 716.N1	-30 ... +200	± 0.01	0.4	0.31	0.24	0.19	0.05	-	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	MS-600F	9 032 704	-35 ... +200	± 0.01	0.6	0.44	0.27	0.16	0.04	-	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	MS-601F	9 032 705	-35 ... +200	± 0.01	0.6	0.44	0.27	0.16	0.04	-	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	 MS-800F	9 032 715.N1	-40 ... +200	± 0.01	0.8	0.7	0.58	0.35	0.2	0.06	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	MS-1000F	9 032 707	-50 ... +200	± 0.01	1	0.96	0.7	0.51	0.25	0.11	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	MS-1000FW	9 032 727	-50 ... +200	± 0.01	1	0.96	0.7	0.51	0.25	0.11	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	 MS-1200F	9 032 717.N1	-50 ... +200	± 0.01	1.2	1.05	0.8	0.58	0.33	0.16	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	 MS-1200FW	9 032 728.N1	-50 ... +200	± 0.01	1.2	1.05	0.8	0.58	0.33	0.16	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	 MX-1800F	9 033 751.N1	-50 ... +200	± 0.01	1.8	1.5	1.1	0.7	0.4	0.23	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	 MX-2500F	9 033 752.N1	-50 ... +200	± 0.01	2.5	1.8	1.3	0.85	0.5	0.3	0.24 ... 0.92	16 ... 31	0.03 ... 0.4
	Ultra-low Refrigerated Circulators	 MS-1000FF	9 032 757.N1	-90 ... +100	± 0.02	1.1	1	0.95	0.9	0.9	0.85	16 ... 31	0.24 ... 0.92

Note:

- Units with natural refrigerant are marked with the following symbol: 
- Refrigerated circulators with the letter "W" in their name are water-cooled, while all other refrigerated circulators are air-cooled



MAGIO MS-310F



MAGIO MS-449F



Bath volume (l)	Usable bath opening W x D / BT (cm)	Dimensions W x D x H (cm)	Pt100 connection	USB port	RS232 interface	Ethernet interface	Stakeit interface	Analog interface	Weight (kg)	Classified in accordance with DIN 12876-1	Available mains voltages / heating capacity (kW)				Model
											200-230 V 50/60 Hz	100-115 V 50/60 Hz	115 V 60 Hz	100 V 50/60 Hz	
-	-	34 x 19 x 36	yes	yes	yes	yes	yes	Accessory	7.2	III (FL)	1.6 ... 2	-	1	0.8	MS-Z
-	-	34 x 19 x 41	yes	yes	yes	yes	yes	Accessory	7.6	III (FL)	2.3 ... 3	-	-	-	MX-Z
3 ... 4.5	13 x 15 / 15	23 x 41 x 42	yes	yes	yes	yes	yes	Accessory	11.1	III (FL)	1.6 ... 2	-	1	0.8	MS-BC4
4.5 ... 6	13 x 15 / 20	24 x 44 x 47	yes	yes	yes	yes	yes	Accessory	12.8	III (FL)	2.3 ... 3	-	-	-	MX-BC6
8.5 ... 12	22 x 15 / 20	33 x 49 x 47	yes	yes	yes	yes	yes	Accessory	14.6	III (FL)	2.3 ... 3	-	-	-	MX-BC12
19 ... 26	26 x 35 / 20	39 x 62 x 48	yes	yes	yes	yes	yes	Accessory	21.4	III (FL)	2.3 ... 3	-	-	-	MX-BC26
3 ... 4	13 x 15 / 15	23 x 40 x 65	yes	yes	yes	yes	yes	Accessory	29	III (FL)	1.6 ... 2	-	1	0.8	MS-310F
3 ... 4	13 x 15 / 15	23 x 40 x 65	yes	yes	yes	yes	yes	Accessory	29	III (FL)	1.6 ... 2	-	1	0.8	MS-450F
18 ... 26	28 x 35 / 20	37 x 59 x 69	yes	yes	yes	yes	yes	Accessory	42	III (FL)	1.6 ... 2	-	1	0.8	MS-449F
5 ... 7.5	22 x 15 / 15	33 x 47 x 69	yes	yes	yes	yes	yes	Accessory	38.3	III (FL)	1.6 ... 2	-	1	0.8	MS-600F
8 ... 10	22 x 15 / 20	33 x 47 x 74	yes	yes	yes	yes	yes	Accessory	41.5	III (FL)	1.6 ... 2	-	1	0.8	MS-601F
5 ... 7.5	18 x 13 / 15	33 x 47 x 70	yes	yes	yes	yes	yes	Accessory	44	III (FL)	1.6 ... 2	-	1	0.8	MS-800F
5 ... 7.5	18 x 13 / 15	42 x 49 x 74	yes	yes	yes	yes	yes	Accessory	54.1	III (FL)	1.6 ... 2	-	1	-	MS-1000F
5 ... 7.5	18 x 13 / 15	42 x 49 x 74	yes	yes	yes	yes	yes	Accessory	54.1	III (FL)	1.6 ... 2	-	1	-	MS-1000FW
5 ... 7.5	18 x 13 / 15	33 x 47 x 70	yes	yes	yes	yes	yes	Accessory	42	III (FL)	1.6 ... 2	-	1	0.8	MS-1200F
5 ... 7.5	18 x 13 / 15	33 x 47 x 70	yes	yes	yes	yes	yes	Accessory	42	III (FL)	1.6 ... 2	-	1	0.8	MS-1200FW
6.5 ... 11	18 x 13 / 20	40 x 50 x 86	yes	yes	yes	yes	yes	Accessory	61	III (FL)	2.3 ... 3	-	-	-	MX-1800F
6.5 ... 11	18 x 13 / 20	40 x 50 x 86	yes	yes	yes	yes	yes	Accessory	61	III (FL)	2.3 ... 3	-	-	-	MX-2500F

Available mains voltages / heating capacity (kW)

Bath volume (l)	Usable bath opening W x D / BT (cm)	Dimensions W x D x H (cm)	Pt100 connection	USB port	RS232 interface	Ethernet interface	Stakeit interface	Analog interface	Weight (kg)	Classified in accordance with DIN 12876-1	Available mains voltages / heating capacity (kW)		Model
											230 V 50 Hz	208-230 V 60 Hz	
7.5 ... 10	13 x 15 / 15	55 x 60 x 94	yes	yes	yes	yes	yes	Accessory	108	III (FL)	1.8	1.8	MS-1000FF

Unless specified otherwise, all data relates to operation at nominal voltage/frequency and an ambient temperature of +20°C. Cooling capacity measured according to DIN 12876-2. For information on the refrigerants used, visit: www.julabo.com.



MAGIO MS-1200F



MAGIO MX-2500F

