

Technical Specifications

22.3 Refrigerated Circulators

Technical specifications acc. to DIN 58966	P1-C25P	P1-C30P	P1-C35P	P1-C40P	P1-C41P	P1-C50P
Working temperature range °C	-28..150	-30..200	-35..200	-40..150	-40..150	-50..150
Temperature accuracy ±K	0,01	0,01	0,01	0,01	0,01	0,01
Heater capacity 230 V / 115 V W	2000/1200	2000/-	2000/1200	2000/-	2000/-	2000/-
Cooling capacity at 20°C W	300	800	400	700	1000	850
at 0°C W	200	620	300	550	750	700
at -20°C W	70	450	150	300	400	500
Pump: Pressure/Flow rate max.mbar/ l/min	560/24	560/24	560/24	560/24	560/24	560/24
Suction/Flow rate max.mbar/ l/min	380/22	380/22	380/22	380/22	380/22	380/22
Bath opening: BxLxT cm	13x10x15	22x14x20	22x14x15	29x15x15	29x15x20	22x14x15
Bath volume l	4,5	12	8	12	15	8
Overall dimensions: WxLxH cm	26x48x63	40x51x77	40x51x71	40x51x71	40x51x77	40x51x77
Net weight kg	26,3	46,0	40,0	41,0	45,0	46,0
Total wattage 230 V / 115 V VA	2450/1450	2600/-	2500/1500	2550/-	2600/-	2650/-
Order no. for 230 V / 50..60 Hz	440-0251	440-0301	440-0351	440-0401	440-0411	440-0501
for 230 V / 60 Hz	440-0251	440-0309	440-0351	440-0409	440-0419	440-0509
for 115 V / 60 Hz	440-0252	-	440-0352	-	-	-

22.4 Cryostats

Technical specifications acc. to DIN 58966	P1-C75P
Working temperature range °C	-75..100
Temperature accuracy ±K	0,02
Heater capacity 230 V / 115 V W	1000
Cooling capacity at 20°C / 0°C W	280/220
at -20°C / -40°C W	180/130
at -60°C / -80°C W	50/-
Pump: Pressure/Flow rate max. mbar/ l/min	560/24
Suction/Flow rate max. mbar/ l/min	380/22
Bath opening: WxLxH cm	13x10x20
Bath volume l	4,5
Overall dimensions: WxLxH cm	38x46x74
Net weight kg	68
Total wattage 230 V / 115 V VA	2500
Order no. for 230 V / 50 Hz	440-0751
for 220 V / 3 Ph / 60 Hz	440-0759