

Blast Freezer KLF 16-24/40 WS (water-cooled)

Datasheet



Temperatures, capacity, time	
Freezing plate temperature (operating temperature)	-60°C
Storage temperature	-40°C
Capacity	max. 24 standard plasma bags (500ml) max. 16 large plasma bags (1000ml)
Freezing time to reach core temperature	approx. 35 minutes for standard bags, approx. 40 minutes for large bags
Defrosting with integral cold-gas defrosting	approx. 20 minutes
Noise level	less than 62 dB(A)
Cooling system	
Coolant	CFC-free R 507 / 4,5 kg
Cooling power	At nominal temperature 2,0 kW
Electrical data	
Electrical connection	approx. 6 kW / 3 x 400 V~, 50 Hz, with 16 A CEE plug
Recommended protection	3 x 16 A with C characteristics, temporary starting current up to 39 A
Energy consumption per freezing process	approx 1,6 kWh for standard plasma bags, approx 2,4 kWh for large bags
Cooling system	max. operating current 14 A
Power consumption	at nominal temperature 2,7 kW
Current consumption	at nominal temperature 5,5 A
Mechanical data	
Dimensions (W x H x D)	approx. 1450 x 1600 x 890 mm
Plate lift	approx. 200 mm
Net weight / Floor load	approx. 400 kg / approx. 250 kg/m ²
Coolant	water
Connection to water supply system	
Connections	G _{1/2} " AG with hose sleeve R _{1/2} " offset
Inflow pressure	2 to 6 bar
Inflow temperature	+15°C to +23°C, ideally +18°C
Outflow temperature	+22°C to +25°C