

BIODUR® Special Freezers for Plastination - Technical Specifications

Model	HL04	HL05	HL06
Outer dimensions approx. (w x d x h)	1500 x 650 x 920 mm (59 in x 25 in x 36 in)	1750 x 800 x 830 mm ((69 in x 31 in x 33 in)	2100 x 800 x 830 mm ((83 in x 31 in x 33 in)
Interior dimensions approx. (w x d x h)	1335 x 495 x 680 mm ((52 in x 19 in x 27 in)	1610 x 655 x 640 mm ((63 in x 26 in x 25 in)	1960 x 655 x 640 mm ((77 in x 26 in x 25 in)
Refrigeration unit dimensions approx. (w x d x h)	500 x 320 x 320 mm ((20 in x 13 in x 13 in)	500 x 320 x 320 mm ((20 in x 13 in x 13 in)	500 x 320 x 320 mm ((20 in x 13 in x 13 in)
Capacity approx.	400 L (105 gal)	650 L (170 gal)	800 L (210 gal)
Weight approx.	186 kg (410 lbs)	275 kg (606 lbs)	290 kg (640 lbs)
Sound pressure at a distance of 1 m	<70 db(A)	<70 db(A)	<70 db(A)
Electrical Specifications	HL04	HL05	HL06
Mains voltage/frequency	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Length of power cord	1.5 m (59 in)	1.5 m (59 in)	1.5 m (59 in)
Nominal current	2.1 A	2.3 A	2.3 A
Circuit protector	16 A	16 A	16 A
Energy consumption approx.	5.1 kWh/24h	7.4 kWh/24h	7.9 kWh/24h
Type of protection	IP23	IP23	IP23
Refrigerant circuit	HL04	HL05	HL06
Refrigerant/amount	R404A / 170 g (0.4 lbs)	R404A / 230 g (0.5 lbs)	R404A / 250 g (0.6 lbs)
Maximum operating pressure	30 bar	30 bar	30 bar
Control range of interior temp. from... to...	-23 °C ... -18° C (-9 °F ... -1 °F)	-23 °C ... -18 °C (-9 °F ... -1 °F)	-23 °C ... -18 °C (-9 °F ... -1 °F)
Allowable ambient temperature	+16 °C ... +35 °C (+60 °F ... +95 °F)	+16 °C ... +35 °C (+60 °F ... +95 °F)	+16 °C ... +35 °C (+60 °F ... +95 °F)