

1.4 Technical Data Sheet

Models	
Sorvall	BP8 200 - 240V / 32A
	BP8 380 - 415V / 16A
	BP16 200 - 240V / 32A
	BP16 380 - 415V / 16A
	BIOS 16 200 - 240V / 32A
	BIOS 16 380 - 415V / 16A
Thermo Scientific	Cryofuge 8 200 - 240V / 32A
	Cryofuge 8 380 - 415V / 16A
	Cryofuge 16 200 - 240V / 32A
	Cryofuge 16 380 - 415V / 16A



Environmental conditions	Indoor use only Max. height above sea level 3000m Max. relative humidity 80% at 31°C Linear decrease until 50% relative humidity at 40°C
Permissible ambient temperature	+2°C to +35°C
Timer range	1min – 9h 59min / 99h and hold mode deviation: +/- 1 sec. in 30minutes
Max. speed	See nameplate accuracy: +/- 1% or 20 of set rpm
Min. speed	300 rpm accuracy: +/- 1% or 20 of set rpm
Max. kin. energy	< 257 kNm
Max. sound level at top speed	< 62 dB (A) <i>measured in 1,6m height distance 1m</i>
Temperature set range	-20°C to +40°C
Heat output	~6824 BTU/h
Power consumption	~5,4 kW
Rated current 230V / 400V	24A / 14.5A
Height (lid closed)	1015 mm
Height (lid open)	1750 mm
Width	816 mm
Depth without / with power plug	900 mm / 990 mm
Weight (without rotor) 230V / 400V	475 kg / 495 kg

Rotor	Rotor name	Allowable imbalance [g]	max. speed [rpm]	max. rcf [xg]
75003861	HAEMAFlex 6	85	5000	7294
75003881	HAEMAFlex 8	120	5000	7294
75003862	HAEMAFlex 12	120	4700	7187
75003882	HAEMAFlex 16	120	3900	5374
* 75003982	8 x 2000 ml	120	3900	5374
* 75003962	6 x 2000 ml	120	4700	7187
* 75003981	8 x 1000 ml	120	4600	7117
* 75003961	6 x 1000 ml	85	5400	8500

**only available for the SORVALL BIOS 16 version*