

Technical Data

The technical data of the Sorvall Legend XF / XFR is listed in the following table.

Table 1-1. Technical Data Sorvall Legend XF / XFR

Feature	Value			
Environmental conditions	-Use in interior spaces -Altitudes of up to 2,000 m above sea level -max. relative humidity 80% up to 31 °C; decreasing linearly up to 50% relative humidity at 40 °C.			
Environmental conditions	Temperature: -10 °C to +55 °C Humidity: 15% to 85%			
permissible ambient temperature	+2° to +35°		+2° to +35°	
Overvoltage category	II		II	
Pollution degree	2		2	
Heat dissipation	ventilated		refrigerated	
	230V	120V	230V	120V
	6653 BTU/h	4776 BTU/h	5800 BTU/h	4776 BTU/h
IP	20		20	
running time	unlimited		unlimited	
max Speed n_{max}	15200 rpm (depending on the rotor)		15200 rpm (depending on the rotor)	
min Speed n_{min}	300 rpm		300 rpm	
maximum RCF value at n_{max}	25314 x g		25314 x g	
maximum kinetic energy	< 62.5 kJ		< 62.5 kJ	
noise level at maximum speed	< 64 dB (A)		< 64 dB (A)	
temperature setting range	-10 °C to +40 °C			
Dimensions	ventilated		refrigerated	
Height	840 mm		840 mm	
Width	550 mm		550 mm	
Depth	670 mm		670 mm	
Table top height	790 mm		790 mm	
weight without rotor	152.5 kg		142.5 kg	