

F500 / F501 [water cooled]

Technical data sheet

CFC / HCFC free:	yes
Climate class:	SN
Ambient temperature range °C (°F):	from +10 to +32 (from 50 to 89.6)
Max. relative humidity:	75%
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Voltage V:	230
Frequency Hz:	50
Fuse Amp:	10
Power W:	1300
Running current A:	8.0
Energy consumption Kwh/24h:	6.6
Heat ejection Kcal/h:	236 [110]
Running time %:	42
Noise level dB(A) (in 1m height +1m distance):	60
Accu data / function time:	12V -7.0 AH / 48 hours
Defrosting technique:	hot gas
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Compressor manufacturer:	Embraco
Compressor type:	NT2210U
Cooling capacity W (ASHRAE):	1282
Capillary tube, inner diam x length mm (inch):	Expansion valve
Refrigerant type:	R290
Refrigerant quantity g (oz):	150 (5.29)
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Door insulation mm (inch):	65 to 82 (2.56 to 3.23) with 20mm VIP
Cabinet insulation mm (inch):	77 to 82 (3.03 to 3.23) with 20-30mm VIP
K value W/m ² xK at 20°C (68°F):	N/A
Hold over time h at °C (°F):	3.0 from -41 to -18°C (from -41.8 to -0.4°F), @25°C (77°F)
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Net volume l (cu ft):	510 (18.011)
Gross volume l (cu ft):	598 (21.118)
Internal width mm (inch):	590 (23.23)
Internal depth mm (inch):	713 (28.07)
Internal height mm (inch):	1167 (45.95)
Internal height for usage mm (inch):	1150 (45.28)
External width mm (inch):	845 (33.27)
External depth mm (inch):	1039 (40.91)
External height mm (inch):	1988 (78.27)
Net weight kg (lbs) (with standard equipment):	301 (663.59)
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EMC standards:	IEC 61326-1
Safety standards:	IEC 61010-1 / IEC 61010-2-011
Medical Device Regulation:	(EU) 2017/745: Class I / (EU) 2017/745: Class IIa
GMP-clean room classification:	class ISO5/EC GMP A
ATEX / IECEx marking:	Not applicable

Subject to changes without prior notice !

Revision: 29/04/2020

Measurement conditions:

**Setpoint -41°C (-41.8°F) @ +25°C (77°F) ambient temperature, unless otherwise stated
All appliances without load**