

**B51****Technical data sheet**

CFC / HCFC free:	yes
Climate class:	SN
Ambient temperature range °C (°F):	from +10 to +32 ( from 50 to 90 )
Max. relative humidity:	75%
<b>Voltage V:</b>	<b>220-240</b>
<b>Frequency Hz:</b>	<b>50/60</b>
Fuse Amp:	8
Power W:	100
Running current A:	1.0
Energy consumption Kwh/24h:	0.8@50Hz / 0.8 @60Hz
Heat ejection Kcal/h:	29
Running time %:	30
Noise level dB(A) (in 1m height +1m distance):	35 @50Hz / 36 @60Hz
Accu data / function time:	12V -2.3 AH / 48 hours
Defrosting technique:	natural
Compressor manufacturer:	Secop
Compressor type:	HTD30AG
Cooling capacity W (ASHRAE):	50
Capillary tube, inner diam x length mm (inch):	0.77 x 1700 ( 0.030 x 66.93 )
Refrigerant type:	R600a
Refrigerant quantity g (oz):	14 ( 0.494 )
Door insulation mm (inch):	82 ( 3.23 ) with 4-layer organic glass insert, not heated
Cabinet insulation mm (inch):	60 to 65 ( 2.36 to 2.56 )
K value W/m <sup>2</sup> xK at 20°C (68°F):	
Hold over time h at °C (°F):	2.5 from +4 to +10°C ( from 39 to 50°F ), DIN58371 @20°C ( 68°F )
Net volume l (cu ft):	45 ( 1.589 )
Gross volume l (cu ft):	52 ( 1.836 )
Internal width mm (inch):	375 ( 14.76 )
Internal depth mm (inch):	350 ( 13.78 )
Internal height mm (inch):	470 ( 18.50 )
Internal height for usage mm (inch):	392 ( 15.43 )
External width mm (inch):	495 ( 19.49 )
External depth mm (inch):	575 ( 22.64 )
External height mm (inch) [with recorder]:	670 ( 26.38 ) [ 843 ( 33.19 ) ]
Net weight with standard equipment kg (lbs):	39 ( 85.98 )
EMC standards:	IEC 61326-1
Safety standards:	IEC 61010-1 / IEC 61010-2-011
Medical Device Regulation:	(EU) 2017/745: Class IIa
GMP-clean room classification:	class ISO6/EC GMP B
ATEX / IECEx marking:	Not applicable

Subject to changes without prior notice !

Revision: 29/04/2020

**Measurement conditions:**

**Setpoint +4°C ( 39°F ) @ +25°C ( 77°F ) ambient temperature, unless otherwise stated  
All appliances without load**