

# U901 [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%
<b>Voltage V:</b>	<b>230</b>
<b>Frequency Hz:</b>	<b>50</b>
Fuse Amp:	20
Power W:	2000
Running current A:	10
Energy consumption Kwh/24h:	12.4
Heat ejection Kcal/h:	444 [ 164 ]
Running time %:	59
Noise level dB(A) (in 1m height +1m distance):	51
Accu data / function time:	12V -7.0 AH / 48 hours
Defrosting technique:	manual
Compressor manufacturer:	Embraco / Embraco
Compressor type:	NT2210U / NT2210U
Cooling capacity W (ASHRAE):	1180
Capillary tube, inner diam x length mm (inch):	1.24 x 3200 ( 0.049 x 125.98 ) / 1.24 x 3500 ( 0.049 x 137.79 )
Refrigerant type:	R290 / R170
Refrigerant quantity g (oz):	150 ( 5.29 ) / 100 ( 3.53 )
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 <sup>2</sup> xK at 20°C (68°F):	N/A
Hold over time h at °C (°F):	1.4 from -80 to -60°C ( from -112 to -76°F ), @20°C ( 68°F )
Net volume l (cu ft):	863 ( 30.477 )
Gross volume l (cu ft):	895 ( 31.607 )
Internal width mm (inch):	887 ( 34.92 )
Internal depth mm (inch):	713 ( 28.07 )
Internal height mm (inch):	1370 ( 53.94 )
Internal height for usage mm (inch):	1370 ( 53.94 )
External width mm (inch):	1139 ( 44.84 )
External depth mm (inch):	1039 ( 40.91 )
External height mm (inch):	1988 ( 78.27 )
Net weight kg (lbs) (with standard equipment):	320 ( 705.48 )
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 ISO5/EC GMP A
ATEX / IECEx marking:	Not applicable

Subject to changes without prior notice !

Revision: 13/07/2020

### Measurement conditions:

Setpoint -80°C ( -112°F ) @ +20°C ( 68°F ) ambient temperature, unless otherwise stated  
All appliances without load