CSF61L

Technical data sheet - without loading

CFC / HCFC free	yes
Climate class acc to EN ISO 23953-2	0, 2, 3, 4, 6
Ambient temperature range °C (°F)	from +10 to +32 (from 50 to 90)
Relative humidity at ambient temperature	≤ 70%
Voltage V	380-400 (480)
Frequency Hz	50/60 (60)
Fuse Amp	32
Rated power W	8200
Rated current A	12
Energy consumption during stable running (unloaded) KWh/h	0.7
Average heat ejection during freezing process (kcal/h)	3397
Average heat ejection during ECO-mode (kcal/h)	2938
Noise level dB(A) (in 1,6m height +1m distance)	73
Defrosting technique	hot gas
Compressor manufacturer	Bitzer
Compressor type	S4T-5.2Y
Cooling capacity (CECOMAF-EN12900) W	6610
Expansion valve	Danfoss TX2
Refrigerant type	R449A
Refrigerant quantity g (oz)	5600 (197.53)
Stabilized pressure bar gauge	11
Running low pressure bar gauge	0
Running high pressure bar gauge	18
Body material	Steel (1.0330+ZE25/25) - powder painted 60-90 ym
Plate dimensions mm (inch)	680 x 630 (26.77 x 24.80)
External width mm (inch)	1080 (42.52)
External depth mm (inch)	830 (32.68)
External height mm (inch)	1910 (75.20)
Net weight (with standard equipment) kg (lbs)	600 (1322.77)
Net weight external unit kg (lbs)	n.m.
Castors	standard
Pedestal	no
Water cooling	no
Air cooling	yes
External unit - External dimensions WxDxH mm (inch)	no
EMC Standards	IEC 61326-1
Safety Standards	IEC 61010-1 / IEC 61010-2-011
Medical Device Regulation	50Hz: (EU) 2017/745: Class IIa / 60Hz: 21 CFR Part 864.9700: Class II

Digitally signed by Bolea Petru
Date: 2022.03.10 09:09:37 EET
Reason: MoldSign Signature
Location: Moldova

Subject to changes without prior notice ! *Revision 16/07/2020*

Measurement conditions:

+25°C (77°F) ambient temperature unless otherwise stated and voltage 400V 50Hz
(Data also valid for 480V 60Hz)

CSF61L

Technical data sheet - comparison with different loading

Number of bags
30 (single layer) filled with 250ml (8.45 fl oz)
Nominal volume of the bags ml (fl oz)
350 (11.8)
Freezing time from +20 to -30°C (68 to -22°F) @25°C (77°F) ambient min
26
Freezing time from +20 to -30°C (68 to -22°F) @32°C (90°F) ambient min
n.m.
Freezing time pre-cooled bags from +4°C to -30°C (39°F to -22°F) @25°C (77°F) ambient min
20
Freezing time pre-cooled bags from +4°C to -30°C (39°F to -22°F) @32°C (90°F) ambient min
n.m.
Energy consumption during freezing process KWh/h
1.8 (per freezing cycle)
Energy consumption during Eco-mode KWh/h
0.7
Water consumption during freezing process m³ (gal lqd)
-
Running current A
8
Power W
3500 (5700 at defrosting)
Running time during freezing %
90

Number of bags
60 (double layer) filled with 250ml (8.45 fl oz)
Nominal volume of the bags ml (fl oz)
350 (11.8)
Freezing time from +20 to -30°C (68 to -22°F) @25°C (77°F) ambient min
54
Freezing time from +20 to -30°C (68 to -22°F) @32°C (90°F) ambient min
68
Freezing time pre-cooled bags from +4°C to -30°C (39°F to -22°F) @25°C (77°F) ambient min
40
Freezing time pre-cooled bags from +4°C to -30°C (39°F to -22°F) @32°C (90°F) ambient min
44
Energy consumption during freezing process KWh/h
2.8 (per freezing cycle)
Energy consumption during Eco-mode KWh/h
1.2
Water consumption during freezing process m³ (gal lqd)
-
Running current A
8
Power W
3600 (5700 at defrosting)
Running time during freezing %
90

Number of bags
20 (single layer) filled with 850ml (28.70 fl oz)
Nominal volume of the bags ml (fl oz)
1000 (33.8)
Freezing time from +20 to -30°C (68 to -22°F) @25°C (77°F) ambient min
45
Freezing time from +20 to -30°C (68 to -22°F) @32°C (90°F) ambient min
58
Freezing time pre-cooled bags from +4°C to -30°C (39°F to -22°F) @25°C (77°F) ambient min
31
Freezing time pre-cooled bags from +4°C to -30°C (39°F to -22°F) @32°C (90°F) ambient min
41
Energy consumption during freezing process KWh/h
3.0 (per freezing cycle)
Energy consumption during Eco-mode KWh/h
1.1
Water consumption during freezing process m³ (gal lqd)
-
Running current A
9
Power W
4800 (5700 at defrosting)
Running time during freezing %
90

Subject to changes without prior notice !

Revision 09/04/2020

Measurement conditions:

+25°C (77°F) ambient temperature unless otherwise stated and voltage 400V 50Hz
(Data also valid for 480V 60Hz)