BECKER

EG-Konformitätserklärung

EMV – Richtlinie: 89/336/EEC
Niederspannungsrichtlinie: 73/23/EEC

Walter H. Becker GmbH
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Gerätart: Umluftwärmeschrank für Infusionen und Tücher

Typenbezeichnung: 400W; 800W; 1200W

mikes

CERTIFICATE

Recirculating Warming Cabinet

for infusions, saline solutions and drapes

INFORMATION

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BECKER Recirculating Warming Cabinet

The BECKER Warming Cabinet serves to heat infusions, saline solutions and surgical drapes at clinics and hospitals.

The warming device can be integrated – depending on the wishes and/or requirements of the individual customer – into a wide range of cabinet bodies in the BECKER model series -B- (powder-coated sheet steel) and -V- (chrome nickel steel). The warming cabinet comes with swinging doors or drawers. The drawer bodies and cabinet shelves are perforated to ensure excellent air circulation and are made of chrome nickel steel. Depending on the cabinet size and volume, heating units with 400 W, 800 W or 1200 W are used.

The temperature of the circulating air is measured via a PT100 sensor. The actual temperature in the cabinet interior is indicated on the display on the front of the cabinet. The temperature of the warming cabinet has been set at the factory to 35°C. For ambient temperatures between 18°C and 25°C the temperature in the warming cabinet can be preset between 35°C and 45°C.

A safety switch prevents the temperature inside the cabinet from rising to an unsafe level; heating is interrupted until the cabinet has cooled down sufficiently.

The warming device conforms to EMC Directive 89/336/EEC and Directive 72/23/EEC ("Low-Voltage Directive") with respect to electrical safety.

There is a safety plug in each warming compartment for connection to the mains. Electrical outlets should ideally be provided above or next to the cabinet.

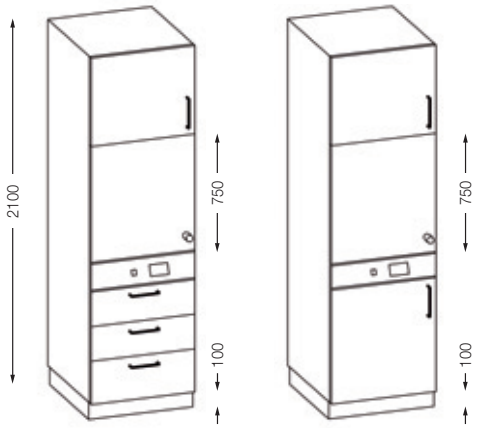
Model:	400 W	800 W	1200 W
Nominal current:	1.8 A	3.5 A	5.3 A
Nominal voltage:	220 V – 240 V AC		
Nominal frequency:	50 HZ		
Class of protection:	I		
Degree of protection:	IP20		

Owing to the integrated thermal insulation, targeted air flow guidance and incorporated safety features, optimal use can be made of the space inside the warming compartment. Thanks to this system, together with the heat capacity of the materials used in the cabinet, the interior temperature rises to the selected value again rapidly even after replacement of the entire cabinet contents.

Cabinet capacity	Watts	No. of heating modules	Volumetric flow under load	Air exchange rate
Up to 100 liters	400	1	20 m³/hr.	Approx. 200 times the cabinet volume per hour.
Up to 300 liters	800	2	40 m³/hr.	Approx. 133 times the cabinet volume per hour.
Up to 500 liters	1200	3	60 m³/hr.	Approx. 120 times the cabinet volume per hour.

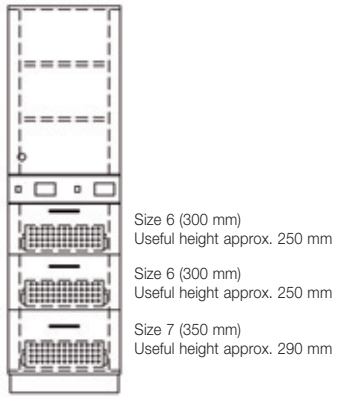
Examples of Uses

Standard cabinet widths: 600 mm, 657 mm and 900 mm
Standard cabinet depths: 570 and 670 mm



Warming compartment integrated into the middle of the cabinet

Outer dimensions: 657 x 670 x 750 mm (W x D x H)
Inner dimensions: 554 x 559 x 731 mm
Useful capacity: approx. 226 liters

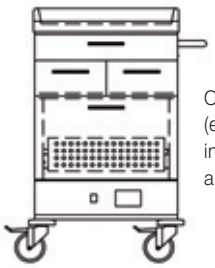


Warming compartment above and below with 3 drawers

Cabinet: 600 mm wide, 570 mm deep
Drawers for infusion bottles

Warming base cabinet

Outer dimensions (W x D x H)
1200 x 570 x 760 mm
Inner dimensions
1097 x 462 x 620 mm
Useful capacity
approx. 314 liters



Other configurations (e.g. installation in mobile units) are also possible.

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