

## ❖ COLD BOXES

### B series: Cold boxes

The cold- and freezing box B 30-20 as well as the series B are desk-freezer units and can be placed directly at the workplace.

The type B 30-20 is stackable. Up to three units can be stacked on top of each other.

The version B 30-20 (-20°C/30 liters) is equipped with a thermo pane window in the door that enables the observation of frozen materials. All casing parts are made from stainless steel.

The cold box B 30 is fitted with a quiet, hermetically sealed cooling compressor. The intrinsically safe, aircooled refrigeration system is maintenance-free.

The cold boxes series B3 are small desktop devices for cooling and freezing and therefore suitable for the use in laboratories as well as in research and industry facilities. It is suitable for the use directly at the workplace, especially because of its compact and space saving design and a low noise cooling aggregate.

#### Features:

##### Type B 30-20:

- The model B 30-20 is equipped with a digital two-point control with PT 100 sensortemperature display
- Stainless steel housing
- Blue protective ring around top and bottom to avoid risk of injury
- Large window in the door
- Cable gland (10 mm)

##### B 35 series:

- B 35 - unit types are equipped with a control unit with membrane keypad and integrated, galvan. isolated, mains-independent alarm (visual and acoustic signal, alarm contact for connection to an external alarm signal / temperature recorder output 10mV/K for connection of a temperature recording system / RS485 interface
- //logg variant with electronic programme controller, touch screen operation and internal data logger
- Stainless steel housing
- Foamed door with double door sealing
- Vacuum insulation - better insulation, therefore less power consumption
- Ventilation grid on the left and right side - the box can be placed directly to a wall
- Cable gland (10 mm)
- Lockable door



B 30-20



B 35-50 //logg

#### Options:

- Recirculation fan for even temperature distribution throughout the interior

**Technical data B30-20:**

		B 30-20
<b>Performance Data Temperature</b>		
Temperature range [°C]		+10...-20
Control accuracy [± K]		1
Ambient temperature [° C]		+12...+30
<b>Electrical data</b>		
Rated Voltage [V]		230
Power frequency (±10%) [Hz]		50
<b>Outer dimensions</b>		
Width net [mm]		530
Height net [mm]		460
Depth net [mm]		700
<b>Internal Dimensions</b>		
Width [mm]		360
Height [mm]		230
Depth [mm]		350
Interior volume [L]		30
Net weight of the unit (empty) [kg]		42

**Technical data B35-50/-85:**

	B 35-50	B 35-50 //logg	B 35-85	B 35-85 //logg
<b>Performance Data Temperature</b>				
Controller	Standard	//logg	Standard	//logg
Temperature range [°C]	-10...-50	-10...-50	-50...-85	-50...-85
Control accuracy [± K]	1	1	1	1
Ambient temperature [° C]	+12...+30	+12...+30	+12...+30	+12...+30
<b>Electrical data</b>				
Rated Voltage [V]	230	230	230	230
Power frequency (±10%) [Hz]	50	50	50	50
<b>Outer dimensions</b>				
Width net [mm]	580	580	580	580
Height net [mm]	540	540	540	540
Depth net [mm]	765	765	765	765
<b>Internal Dimensions</b>				
Width [mm]	425	425	425	425
Height [mm]	280	280	280	280
Depth [mm]	300	300	300	300
Interior volume [L]	35	35	35	35
Net weight of the unit (empty) [kg]	65	65	81	81