

## 2 Technical Data

Item no.: <b>ROFROST</b>	Refrigerating capacity $Q_0$ in W at $t_0$	Power input P in W	Current consumption $I_N$ in A	Electrical connection	Cooling agent / amount
	-30 °C				
<b>Turbo R290 28 UK</b> 1500003162	238	225	1,74	~ 230 V 50 Hz	R290/ 50g

Defrosting .....	Manual defrosting
Dimensions (L x W x H) .....	550 x 253 x 315mm
Weight .....	24 kg
Nominal current of the fuse to be superposed .....	10 A
Protection type .....	IP 20
Maximum pressure .....	PS 20/11bar
Noise pressure level ( $L_{pA}$   $K_{pA}$ ) .....	≤ 50 dB(A)   3 dB(A)
Construction class N .....	Ambient temperature range +16 ... +32°C

## 3 Scope of delivery, transport and storage

### Scope of delivery:

Essentially, the ROFROST Turbo R290 28 UK pipe freezing system consists of the following components or following accessories respectively:

- Electric refrigerating system consisting of:  
Refrigerating aggregate including housing, carry handle, lid, plastic insert as receptacle for the reducing inserts, shutdown switch and power cord  
2 cooling hoses with refrigerating clamps (evaporator system) and clamping screws with integrated thermometer
- Set of reducing inserts (8-10-12-15-22)
- 1 tin of heat-conductive paste

### Transport and storage:

- ➔ Store the cooling hoses, refrigerating tongs and the reducing inserts in the portable housing.
- ➔ Only store in installation position (i.e. upright) in a dry and dust-free environment at temperatures between -10° C to 35° C.
- ➔ Protect against impact and vibration.

## 4 Function of the Unit

### 4.1 Commissioning

The equipment (ROFROST Turbo R290 28 UK freezing system) must be tempered, i.e. have adopted room temperature (+ 16° C up to a max. of 32° C) before commissioning.

- ➔ Shut down the heating circuit on which the piping is to be interrupted by means of an ice plug. Shut down the heating and pump in good time in order to stop the water flow.
- ➔ Position the freezing system in such a way that the equipment ventilator motor does not blow onto the pipes to be frozen, as they must be protected against warm air.

The fitted ventilator sucks in the air that is required for the liquefaction of the cooling agent and cooling the compressor on the long side of the equipment and presses it out again on the top side.

- ➔ Hold the refrigerating clamps upright and switch the system on for about 5 minutes so that any oil that may still possibly be in the refrigerating clamps can drain back into the circuit. Switch on by operating the rocker switch.