BKT ELEKTRONIK

PL 86-005 BIAŁE BŁOTA UL. ŁOCHOWSKA 69
TEL 0 48 52 363 63 90
FAX 0 48 52 363 63 80

VENTILATION PANELS

INSTRUCTION MANUAL

CE

1. Characteristics of the appliance:

Venting panel with 2,4 and 6 fans are additional equipment of 19" cabinets. Manufactured of steel plate powder painted. Standard version: RAL 7035 (light grey) and RAL 9005 (black) or at customer's request. They can be installed as a rack panels (19") or roof-floor panels, depending on the type of holders.
The panels meet requirements of the following standards: DIRECTIVE 2006/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.
UNE-EN 60335-1:2002/A12:2006; UNE-EN 60335-2-80:2005/A1:2005

Certificate of Conformity No. 015/2006

2. Technical specification:

The appliance is equipped with fans (depending on its structure: 2, 4 or 6 fans), supplied from ~230V/50Hz mains.

- power socket 250V/10A including circuit breaker:
  a) F315mA/250V – 2-fan panel (24011220.xx)
  b) F630mA/250V – 4-fan panel (24011420.xx)
  c) F1A/250V – 6-fan panel (24011620.xx)
- illuminated ON/OFF switch
- fans mounted in aluminium housing that can be supplied by the current 220V-240V ~ 50/60Hz 0,14/0,12A.
- the thermostat with temperature adjustment within the range of 0-60°C
- the housing (protection degree IP20) - dimensions:
  a) 2-fan panel: 483/176/47
  a) 4-fan and 6-fan panel: 483/352/47

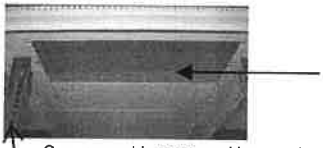
SYMBOL (XX)	Description
DC	Black roof panel
DS	Grey roof panel
RC	Black rack panel
RS	Grey rack panel

3. The operating and mounting instructions

The 2, 4 and 6-fan venting panel can be installed in the roof of standing cabinets, both inside and outside as well as 19" panel inside the cabinet on a frame (depending on the type of installation holders).

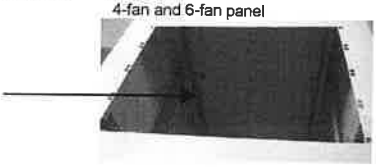
Installation of the venting panel in the cabinet (roof-and-floor type panels *):

a) preparation of the cabinet, depending on purchased type of the panel:
2-fan panel



One removable room masking panel as needed.

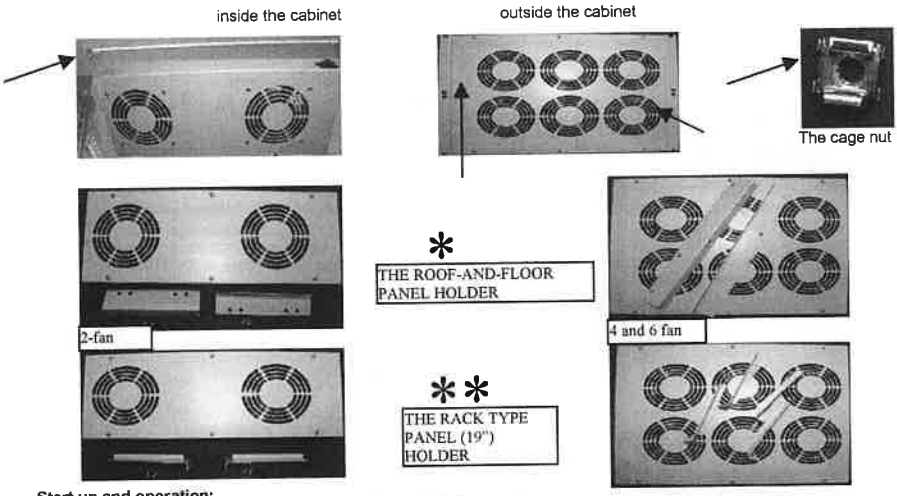
4-fan and 6-fan panel



Two removable room masking panels

19'' (rack type) panel installed in front part of the cabinet on metal brackets, at any location using cage nuts and M6x16mm screws as well as appropriate holders ** .

b) it is installed using cage nuts and M6x16mm screws. It is installed inside of the cabinet or outside of it in the way shown in the fig.



Start up and operation:

a) The venting panel is supplied ready for immediate usage

b) In order to switch on the panel, connect the power cable to the socket located in the rear part of the housing and set the switch in the position 1 (ON- the control lamp of the switch should illuminate)



c) In case the control lamp of the switch is not illuminated and you cannot hear the fans operation, then check:
- proper connection of the venting panel to the power mains
- thermostat adjustment,
- the fuse



d) installation of the thermostat in the cabinet:
the thermostat can be installed at any location on the steel frame using two cage washers, two M6x16 screws and a mounting plate

4. Health-and-safety at work requirements during operation of venting panels



CAUTION !!! Before removal of the housing, remove the plug from the power mains socket.

a) The venting panel is equipped with the power socket including the fuse. The rated values of the fuses, depending on the type of the venting panel, are specified in technical specification point 2. **In order to replace the fuse, disconnect the appliance from the power mains socket first!!!** The fuse must be replaced to a new one with the same parameters only. It is not allowed to use fuses of different parameters than the recommended once.

Replacement of the fuse:
- disconnect the power cable from the power mains
- pull out the fuse from its base
- insert the new fuse of the same parameters to the place of the old one



b) **It is not allowed:**
- to insert any objects of the diameter smaller than the holes in the housing during operation of fans;
- block fan blades as this can result in complete destruction of a fan

c) Fans can be replaced only by properly qualified person!!!