

## KSBM II/2006 Technological Outdoor Cabinet



Illustrative photo

### General features

- Double-walled cabinet with internal isolation includes in standard version:
  - Doors (2x front and 2x back) equipped with a 4-point lock
  - Max 36U high 19" and 21" frame for technology emplacement
  - Air-conditioning module with integrated heating and noise elimination
- Roof to outdoor environment use and with containing lifting eyes for easy manipulation
- Holes in the pedestal for attaching the cabinet to a supporting frame

### Application

- Emplacement of 19" and 21" telecommunication, safety or control technologies in an outdoor environment.

### Description

The KSBM II/2006 air-conditioned technological cabinet is designed for emplacement of special 19" and 21" telecommunication, security and control technologies in an outdoor environment with stable temperature care basically outdoor temperature environment and temperature losses installing technologies.

## Technical data

KSBM II/2006	KSBM II/2006
<b>Mechanics</b>	
Dimensions (hwd)	2000 x 1730 x 767 mm (including the pedestal)
Pedestal height	170 mm
Weight	260 kg + 56 kg / air-conditioning module
Color	RAL 7035 (epoxy powder-coated)
<b>Thermodynamic properties</b>	
Thermal isolation	30 mm wide cross-linked polyethylene foam
	- thermal resistance ranged between -65°C to +95° C
	- thermal conductivity $\lambda = 0,039 \text{ Wm}^{-1}\text{K}^{-1}$
	- 25 dB noise
	- B3 category flammability (according to DIN 4102)
<b>Doors</b>	
Sealing arrangement	UV resistant EPDM sealing
Safety	4 – point lock controlled by a lockable turning handle
	- door stay in an open position
<b>Environment</b>	
Ambient temperature	-25°C to +40°C
Protection	IP 54
Noise	Max. 45 dB(A)
Life Expectancy	15 years
<b>Options</b>	
AC, DC internal electrical connectors according to customer's needs	
Shelves for battery placement	
KM800/115 or KM800/178 air-conditioning module	
RMKM01 or RMKM02 electronic block control unit	
Cabinet indoor lighting power supplied 48V DC or 230V AC	
Internal cabinet temperature scanning	
Door contacts	
Other accessories according to customer's needs	

## Technical data

Air-conditioning module	KM800/115	KM800/178
<b>Performance parameters</b>		
Air-flow rate	250 m <sup>3</sup> /h	400 m <sup>3</sup> /h
Cooling *	1150 W	1780 W
Disponibile hydraulic gradient	150 Pa	90 Pa
Inflow air temperature	12,1°C	13,5°C
Fan power consumption	36 W	36 W
Fan input current	0,36 A	0,36 A
Voltage	230V AC (220 to 240V AC)	230V AC (220 to 240V AC)
Frequency	50 Hz	50 Hz
Acoustic noise level	55 dB(A)	54 dB(A)
Heating	1000 W	1000 W
Refrigerant	R134a	R134a
<b>Condensation section</b>		
Compressor power consumption*	602 W	865 W
Cooling factor *	1,91	2,07
Compressor input current	3,33 A	4,98 A
Voltage	230V AC (220 to 240V AC)	230V AC (220 to 240V AC)
Frequency	50 Hz	50 Hz
Air-flow rate	550 m <sup>3</sup> /h	750 m <sup>3</sup> /h
Fan power consumption	36 W	85 W
Fan input current	0,36 A	0,65 A
Voltage	230V AC (220 ÷ 240V AC)	230V AC (220 ÷ 240V AC)
Frequency	50 Hz	50 Hz
Acoustic noise level	56 dB(A)	57 dB(A)
<b>Mechanics</b>		
Dimensions (hwd)	1100 x 593 x 189 mm	1100 x 593 x 189 mm
Weight	52 kg	56 kg
Protection	IP 21	IP 21

\* Operating conditions:

- Air temperature entering the vaporizer 27°C / 40%
- Air temperature entering the condensator 40°C

A2B, s.r.o. reserves the right to change any specifications without prior notice.