

## KS800 Technological Outdoor Cabinet



Illustrative photo

### General features

- Double-walled cabinet with internal isolation in standard version includes:
  - Doors (front and back) equipped with a 4-point lock
  - Max 37U high 19" frame for technology emplacement
  - Air-conditioning unit or a ventilation system with integrated heating
- Roof with outdoor environment use and containing lifting eyes for easy manipulation
- Holes in the pedestal for attaching the cabinet to a supporting frame

### Application

- Emplacement of telecommunication, safety or control technologies in an outdoor environment.

### Description

The KS800 air-conditioned technological cabinet is designed for emplacement of telecommunication, safety or control technologies in an outdoor environment. It offers a possibility to use ventilation (depending on environment conditions and installed technology)

## Technical data

KS800	KS800
<b>Mechanics</b>	<b>KS800</b>
Dimensions (h x w x d)	2200 x 714 x 802 mm (including the pedestal)
Pedestal height	200 mm
Weight	150kg + 38kg (air-conditioning / ventilation module)
Color	RAL 7035 (epoxy powder-coated)
<b>Thermodynamic properties</b>	<b>KS800</b>
Thermal isolation	30 mm wide crosslinked 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>	<b>KS800</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>	<b>KS800</b>
Ambient temperature	-25°C to +50°C
Protection	IP 54
Life Expectancy	15 years
<b>Options</b>	
AC, DC internal electrical connectors according to customer's needs	
Shelves for battery placement	
KM800/2003 air-conditioning module or a KM800/2005-P ventilation module	
RMKM01 or RMKM02 electronic block control unit	
Cabinet indoor lighting power supplied with 48V DC or 230V AC	
Internal cabinet temperature scanning	
Door contacts	
Other accessories according to customer's needs	

## Technical data

Air-conditioning module	KM800/2003
<b>Performance parameters</b>	
Air-flow rate	250 m <sup>3</sup> /h
Cooling *	710 W
Disponible hydraulic gradient	72 Pa
Inflow air temperature	27°C
Fan power consumption	63 W
Fan input current	1,32 A
Voltage	48V DC
Acoustic noise level	64 dB(A)
Heating	500 W
Refrigerant	R134a
<b>Condensation section</b>	
Compressor power consumption*	863 W
Cooling factor *	-
Compressor input current	2,23 A
Voltage	230V AC (220 ÷ 240V AC)
Frequency	50 Hz
Air-flow rate	650 m <sup>3</sup> /h
Fan power consumption	36 W
Fan input current	0,36 A
Voltage	230V AC (220 ÷ 240V AC)
Frequency	50 Hz
Acoustic noise level	56 dB(A)
<b>Mechanics</b>	
Dimensions (hwd)	220 x 638 x 683 mm
Weight	48 kg
Protection	IP 21

\* Operating conditions:

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

## Technical data

Ventilation module	KM800/2005-P
Performance parameters	KM800/2005-P
Air-flow rate	300 m <sup>3</sup> /h
Fan power consumption	63 W
Fan input current	1,32 A
Voltage	48V DC
Acoustic noise level	64 dB(A)
Heating	500 W
Voltage	230V AC (220 ÷ 240V AC)
Frequency	50 Hz
Mechanics parameters	KM800/2005
Dimensions (hwd)	220 x 638 x 683 mm
Weight	36 kg
Protection	IP 21

\* Operating conditions:

- Maximum air operating temperature 60°C