



MANUFACTURER

KW Apparecchi Scientifici S.r.l.

Via della Resistenza 119 - 53035 Monteriggioni (SI) - Italy

MODEL

KBPR 400V NG

Upright refrigerator

TECHNICAL CHARACTERISTICS

Storage Volume	400 lt
Temperature Range	0°C / +15°C
Climate Class	N
Power Supply	230V / 50Hz
Power Consumption	max 200 W
Noise level	< 45 dB

STRUCTURE

Internal surface	Thermoformed ABS	Shelves	n°5 adjustable grids in chromed steel
External surface	White pre-painted steel sheet	Door type	One wing, glass type
External dimensions	60 W x 69 D x 188 H cm		Key-lock system
Internal dimensions	48 W x 47 D x 164 H cm		Self closing with opening angle <90°
Weight	100 kg	Door sealing	Magnetic silicone gasket
Shipping size (with wooden crate)	80 W x 90 D x 220 H cm	Standard Equipment	Auto shutdown of the fan whit door open
	160 kg		Automatic internal LED light
Int/Ext corners	Rounded for easy cleaning		Int/Ext pass through hole
Insulation	High density PUR foam (50 mm)		Adjustable front feet; rear wheels

REFRIGERATION SYSTEM

Cooling system	Internal cooling through a ventilated evaporator placed on the internal rear surface
Refrigerant gas	R600A
Condensing system	Hermetic compressor and air condensation
Thermal probes	n.2 thermal probes (n.1 for thermoregulation - n.1 for T alarm)
Defrost	Automatic, with automatic evaporation of condensation water

DIGITAL CONTROL SYSTEM

NG		
Display	µP digital electronic controller with led display	
T regulation accuracy	± 0.1°C	
Access control	Access to controller functions via safety password	
Special functions	Data logger (automatic recording of temperatures and alarms data)	
	Backup battery for 12 Vdc self-powered alarms (estimated duration 3 years)	
Connectivity	USB port	Serial interface RS485
	Dry contacts for remote alarms	
Alarms list	Min/Max Temperature	Power failure alarm
	Door open	Faulty probes

OPTIONAL ACCESSORIES AVAILABLE ON REQUEST

n°4 pivoting wheels (n°2 with brakes)	Additional grid shelves in chromed steel
Pull-out perforated drawer, in AISI 304 stainless steel	

* Operating conditions: Max. 32°C, 80%RH, no condensation