



SNAIGÉ STANDARD line PHARMACEUTICAL REFRIGERATORS ENSURING OPTIMAL MEDICATION STORAGE

Comply with DIN 13277

STANDARD line refrigerators have all the essential features and performance functions required to meet the performance criteria of the DIN 13277 standard. This standard provides the requirements and test specifications for medical and laboratory refrigerators and freezers.

Test method EN 60068-3

SNAIGÉ pharmaceutical refrigerators are tested according to EN 60068-3 in order to ensure the stability and constancy of the internal temperature. The test method involves measuring the temperature at 15 different points inside the refrigerator.

Ecological and environmentally friendly

STANDARD line refrigerators are manufactured using only non-harmful, non-ozone-depleting and non-greenhouse-effect refrigerating and insulating materials. Natural resource-saving materials and electricity from renewable energy sources are used in the refrigerator manufacturing process.

MD14DC-P301QX2 / MD14DC-P600QX2

STANDARD line Pharmacy refrigerator

MD14DC-P600QX2



MD14DC-P301QX2

KEY FEATURES

Electronic control system



An electronic controller installed in the STANDARD line refrigerators provides continuous monitoring of the temperature inside the refrigerator.

Temperature stability



The refrigerator is designed to maintain maximum stable temperature and minimal fluctuations. The maximum possible temperature change within the entire internal space of the refrigerator is only $\pm 2.9^{\circ}\text{C}$. Thus, the internal microclimate is maintained, creating suitable conditions for the storage of medications and medicines.

Warning temperature alarm



In order to ensure the maximum safety of stored medicines and medications, the integrated warning temperature alarm reports a warning signal with sound and image when a certain temperature value exceeds or falls below the set limit.

Protection against contact with cold surfaces



The evaporator of the refrigerator has a special cover so that medications and medicines do not have direct contact with the evaporator and do not get cold. In addition, this protection against contact with cold surfaces increases the temperature stability.

SNAIGÉ TWIN Temp line is a smart solution for healthcare facilities



By stacking one on top of the other, with a few details can easily and securely connect:

- Refrigerator MD14 with a freezer LF10SD,
- Refrigerator MD14 with another refrigerator MD14,
- Freezer LF10SD with another freezer LF10SD.



KEY FEATURES



Cooling system with circulating air

The SNAIGÉ smart fan for pharmaceutical refrigerators operates very efficiently. It turns off as soon as the refrigerator door is opened, so the air circulation in the refrigerator stops. Once the door is closed, the fan starts again and the air circulation is resumed. This fan operation prevents rapid temperature changes and helps to maintain a stable temperature inside the refrigerator, contributing to the preservation of medicines and medications.



Access to an additional external sensor

An additional external sensor can be attached if required for additional control of the temperature of medication storage in the refrigerator. SNAIGÉ pharmacy refrigerators are equipped with a 12,5 mm diameter access for an additional external sensor, which helps avoid any negative effect of the cables of the external sensor on the sealing strip of the door, the tightness of the refrigerator and the risk to the personnel caused by the cables of the sensor.



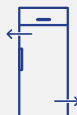
LED lighting

The horizontal LED strip perfectly illuminates the entire inside of the refrigerator. Clear visibility on all shelves makes it easy to find the necessary medications. Moreover, the interior lighting of SNAIGÉ medical refrigerators is not just efficient – it's also smart: the light turns on only when the door of the refrigerator is opened. This way, medications are protected from excess light, and most importantly, energy costs are reduced.



Self-closing door

The door of the SNAIGÉ pharmacy refrigerator closes automatically, without any risk of the door bouncing. This ensures convenience and safety for medical personnel in their daily use of the refrigerator, and also completely eliminates the risk of the refrigerator door being accidentally left open. The self-closing door contributes to maintaining a stable temperature, as well as supporting the integrity of stored medicines and medications.



Changeable direction of the door opening

SNAIGÉ pharmaceutical refrigerators are manufactured with door hinges on the right side, although the door opening direction can be easily changed. This can be done independently, as the change does not require additional materials or repair service.

Replaceable door sealing strip

The door sealing strip can be easily replaced independently without additional materials or a repair service.



Commitment to Quality

Every single unit produced goes through multiple quality checks at every stage of the production process. Furthermore, prior to packing of the finished unit, each one is subjected to full operational performance checks ensuring that the electric system, cooling system and general operation of the unit is within our own tight specifications. All testing is conducted in a designated, semi-automated testing area so we can be absolutely certain that every one of our units meets our customers Safety and Operational expectations. No one SNAIGÉ appliance leaves our plant without being fully checked.

TECHNICAL DATA

Model code	MD14DC-P301QX2 3XXXXZ1SN4B		MD14DC-P600QX2 3XXXXZ1SN4B
EAN code	4770104014055		4770104014062
Gross capacity, l	130		
Net capacity, l	100		
Factory temperature setting, °C	+5		
Fluctuation, °C	0,5		
Gradient, °C	2,9	1,8	
Increase in temperature from +5 °C to +10 °C (empty, +25 °C TU)	40 min.		
Decrease in temperature from +25 °C to +5 °C (empty, +25 °C TU)	40 min.		
Recovery time after 1 min of door opening (empty, +25 °C TU, according to EN 60068-3)	8 min.		
Positive temperature deviation from the setpoint	0,5		
Negative temperature deviation from the setpoint	-1,4		
Ambient temperature range, °C	from +10 to +35		
Airborne acoustical noise emissions, dB(A) re1 pW	42		
Refrigerant	R600a		
Daily consumption, kWh/24h	0,751	0,482	
Annual energy consumption, kWh/year	274	176	
Rated voltage, V / Rated frequency, Hz	220 – 240 / 50		
Cord length in cm /Type	240 / Euro plug		
Access port diameter, mm	12,5		
Calibration block	No		
Defrost	Automatic		
Volt-free alarm contact	No		
Interior light	Horizontal LED light strip		
Number of shelves	2 adjustable +2 bottoms		
Shelf size (W x D), mm	420 x 324, bottoms 465 x 263 and 445 x 180		
Maximum load per shelf, kg	20		
Shelf material	Wire shelves coated by white polymer paint		
Side wall material	Steel, white painted		
Inner cabinet material	HIPS polystyrene		
Type of door	Double panel selective glass in aluminum profile	Full-panel door, white painted	
Reversible door / Self closing door	Yes / Yes		
Type of lock	Mechanical		
Adjustable foot at the front	2		
Foot behind	2		
External dimensions(H x W x D), mm	870 x 560 x 620		
Internal dimensions(H x W x D), mm	725 x 465 x 392		
Package dimensions*(H x W x D), mm	950 x 570 x 640		
Weight Net, kg / Weight Gross*, kg	37 / 40		
* Without packing on pallet			

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