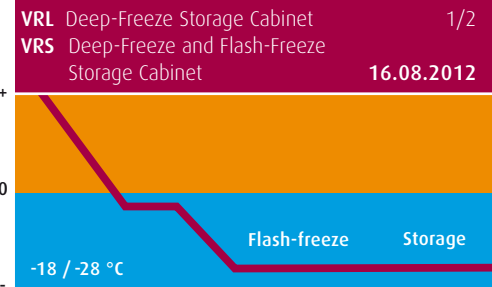


VRL Deep-Freeze Storage Cabinet VRS Deep-Freeze and Flash-Freeze Storage Cabinet

Temperature range VRL -18 / -20 °C
VRS -18 / -28 °C
Moisture range approx. 85 – 95% rel. hum.



Deep-freeze storage cabinet, series VRL

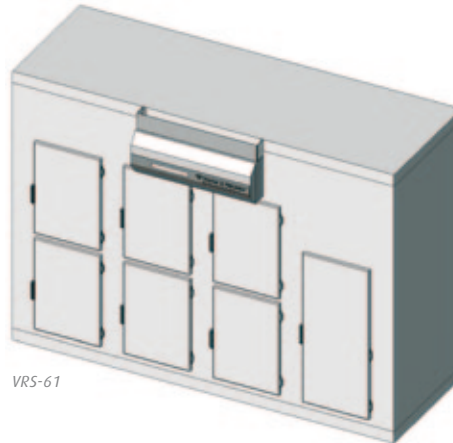
VRL deep-freeze storage cabinets are designed for the storage of dough pieces and bakery products. The Werner & Pfleiderer air guidance system, together with the high relative humidity and the adjustable air speed, is a guarantee for optimum retention of quality of stored products. The systems are fitted with a reserve freezing capacity for product after-cooling.

Deep-Freeze and Flash-Freeze Storage Cabinet, series VRS

VRS deep-freeze and flash-freeze storage cabinets are designed for freezing and storing unpacked dough pieces and bakery products. The Werner & Pfleiderer air guidance system, together with the high relative humidity and the adjustable air speed, is a guarantee for optimum retention of quality of the stored products.



VRL-4



VRS-61

Dimensions

We offer a standard range of deep-freeze and flash-freeze storage cabinets. The cabinets are made of standard panels in sizes of 2 to 10 hatches.

Cabinet housing

Panels in 120 mm PU insulation, foamed, free of CFCs, HCFCs and HHCs.

k value

0.16 W/m²K

System

Tongue and groove system with foamed-in eccentric turnbuckle joints for easy, fast assembly on site.

Surfaces *Standard Finish*

Inner walls and cell front in sheet steel, galvanized, white, RAL 9002
Optional stainless steel panelling for all surfaces

Hatches

DF hatch door(s) with clear dimensions of 62 × 85 cm or flash-freeze door 62 × 150 cm per hatch
– 2 door hinges
– Sold fastener for commercial use
– Door frame heating
– Door seal

VRL, VRS

VRL Deep-Freeze Storage Cabinet 2/2
VRS Deep-Freeze and Flash-Freeze Storage Cabinet 30.08.2012

Sheet positioning

Stainless steel locating frame for sliding rails with retaining catches for insertion of sheets sized 58 x 78 cm. Hooking the sliding rail pairs into place is variable using a grid system.

Grid spacing

The grid spacing for sliding rails is 4 cm.

Technology

The output of the deep-freeze or flash-freeze machines is set exactly to feed quantities per hour.

Flash-freezing process

The VRS system is fitted with a separate flash-freezing compartment for a high-quality flash-freezing result. If the 'Flash-Freeze' function has been activated, about 80 % of the air is only circulated in the flash-freezing compartment and the air temperature in the flash-freezing compartment can be reduced down to -38°C. The system continues to feed about 20 % of the air over the stored products, guaranteeing a quality-retaining climate for the stored products. If the flash-freezing function is deactivated, the complete air volume is automatically reduced and all compartments (including the flash-freezing compartment) can be used for the storage of products.

Air Guidance

Air is sucked in by the vaporizer, cooled down and fed slowly and evenly over all stored products. The combination of low air speed and even air distribution ensures an optimum storage climate for the stored products.

Control System

By WP-MCS 5 E computer
- control cabinet pre-wired in accordance with VDE
- very easy operation.

Each WP cooling machine is fitted with machine control switch, soft-start, oil sump heating, pressure/speed controlled liquefier fans for energy-saving operation and all necessary safety precautions. Separate liquefiers with < 56 db(A) or with < 38 db(A) as ultra-quiet unit can be used wherever low-noise installation is required.

VRS -18 / -28 °C

Deep-Freeze and Flash-Freeze -Storage Cabinet Designation	Outer dimensions			Flash-freezing door 620 x 1500 mm	Storage hatches 620 x 850 mm	Feed Output +25/-7 °C
	Width mm	Depth mm	Height mm	No.	No.	kg/h
	VRS 21	2,165	1,115	2,490	1	2
VRS 41	3,040	1,115	2,490	1	4	39
VRS 61	3,915	1,115	2,490	1	6	56
VRS 81	4,790	1,115	2,490	1	8	56

VRL -18 / -20 °C

Deep-Freeze Storage Cabinet Designation	Outer dimensions			Storage hatches 620 x 850 mm
	Width mm	Depth mm	Height mm	No.
	VRL 4	2,165	1,115	2,490
VRL 6	3,040	1,115	2,490	6
VRL 8	3,915	1,115	2,490	8
VRL10	4,790	1,115	2,490	10

