

Plasma Storage Cabinet ProfiFrost PFU / PF

- Static cooling and manual defrost
- Maintenance-free cooling system
- Low-noise and low-vibration fully hermetic compressor, air-cooled
- Operating panel with micro-processor driven temperature controller and graphic display in separate upright housing (can be positioned as per customer requirements)
- Visual/audible alarm device
 - Mains-independent
 - Alarm warning for excess and insufficient temperature
 - No-volt remote alarm contact for connection to a remote alarm system
 - RS 485 port
- Data logger for recording events (temperature change, exceeding limits, alarms triggered).
- External housing made of white, galvanized steel plate
- Freeze-proof special seal
- Lockable door (PFU14.. only, others on request)
- Door hinges on right, changeable
- Interior with closed removable plastic drawers (PFU14.. with 1 additional storage basket. PF27.. with 2 additional compartments above.)
- Feet made of plastic (PVC) (at PF27.. front feet of cabinet allow for height adjustment, two castors at rear)



ProfiFrost PFU1447WN **

Model ProfiFrost	PFU0833WN	PFU0841WN	PFU1433WN	PFU1447WN	PF2728WN	PF2747WN
Temperature range °C:	-16/-30	-16/-40	-14/-30	-14/-45	-16/-28	-16/-45
Content litres gross:	70	70	143	143	241	241
Ext.dimensions (WxDxH)* mm:	555x624x630	555x680x630	600x615x830	600x615x830	600x650x1700	600x650x1700
Depth with door opened mm:	1165	1260	1215	1215	1140	1140
Number of drawers/compartments :	2/0	2/0	3/1	3/1	5/2	5/2
Weight kgs:	31	31	45	45	73	73
Mains connection :	< 1/N/PE ~ 220-230 V 50 Hz >		< 1/N/PE ~ 220-230 V 50 Hz >		< 1/N/PE ~ 220-230 V 50 Hz >	
Shipping dimensions (WxDxH) mm:	700x750x790	700x750x790	700x750x990	700x750x990	700x750x1860	700x750x1860
Shipping weight kgs:	40	40	54	54	83	83
Refrigerant CFC- and HCFC-free :	R600a	R507	R600a	R507	R600a	R507

* Positioning the upright housing¹⁾ with the operating panel on the cabinet increases the height by 90 mm.
The flexible connecting lead allows the unit to be positioned as per customer requirements.

¹⁾ Only in the case of models down to -30 °C can the temperature controller be integrated into the top panel (the separate upright housing is no longer required). Please ask.

Model	Outside / Inside	Cat. No.
ProfiFrost PFU0833WN	white / white	GSPFU0833WN
ProfiFrost PFU0841WN	white / white	GSPFU0841WN
ProfiFrost PFU1433WN	white / white	GSPFU1433WN
ProfiFrost PFU1447WN	white / white	GSPFU1447WN
ProfiFrost PF2728WN	white / white	GSPF2728WN
ProfiFrost PF2747WN	white / white	GSPF2747WN



ProfiFrost PF2733WN **

Accessories

	Cat. No.
ProfiTec Temperature Monitoring and Recording System (see sep. brochure).	GPTEC4A
ProfiCaller telephone dialler (see sep. brochure).	on request
Pt-100 temperature sensor, add. installed for ext. temperature recording.	ZPM2-023-2L
Ex-Version „Interior free of ignition sources.“	ZPF1-070
Transport carriage with 4 castors (2 lockable).	ZPFU5-021
Door lock, factory mounted PFU08.. and PF27.. only).	on request

** The arrangement system (cryoboxes, etc.) that can be seen in the plasma storage cabinets is optional. See our separate catalogue for Inventory Systems.



Temperature controller with graphic display and data logger