

## Laboratory Upright Freezer 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 housing<sup>1)</sup> 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.

<sup>1)</sup> 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.

**Alternative units:** ProfiLine Uranus.

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 PF2728WN \*\*

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 laboratory freezers is optional. See our separate catalogue for Inventory Systems.



Temperature controller with graphic display and data logger