

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 > | < 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.

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



Temperature controller with graphic display and data logger