

Laboratory Upright Freezer and Refrigerator/Freezer Combination ProfiFrost

- Maintenance-free cooling system (combination with 2 separate cooling systems)
- Low-noise and low-vibration fully hermetic compressors, air-cooled
- Electronic control with digital display (combination with 2 separate controllers)
- Visual/audible alarm device
 - Alarm warning for excess and insufficient temp.
 - Door alarm
 - MIN/MAX temperature memory
 - No-volt remote alarm contact for connection to a remote alarm system
- RS 485 port
- Duct to storage compartment for external temperature sensors
- External housing made of white, galvanized steel plate
- Self-closing and lockable doors
- Door hinges on right, changeable
- Interior made of white plastic
- Ex-interior free of electrical ignition sources (except for PFU40xxKWU)
- Front feet of cabinet allow for height adjustment, two castors at rear



ProfiFrost PFU16xxWN
(Fig. with optional cryoboxes.
See catalogue.)

Model ProfiFrost	PFU1630WN	PFU1645WN	PFU3530WN	PFU3545WN
Temperature range °C:	-10/-30	-20/-45	-10/-30	-20/-45
Content litres gross/net:	140/130	140/130	310/285	310/285
Cooling system :	static	static	static	static
Defrosting :	manual	manual	manual	manual
Ext. dimensions (WxDxH) mm:	< 600x615x820 >		< 600x615x1840 >	
Int. dimensions (WxDxH) mm:	< 475x450x660 >		< 430x430x1590 >	
Depth with door opened mm:	1190	1190	1175	1175
Number of drawers :	3	3	8	8
Int. dimensions drawer (WxDxH) mm:	< 435x415x110 >		< 420x375x180 > < Lowest drawer D = 220 >	
Number of baskets :	1	1	0	0
Weight kg:	42	42	87	87
Mains connection :	< 1/N/PE ~ 230 V 50 Hz >		< 1/N/PE ~ 230 V 50 Hz >	
Energy consumption kWh/24h:	0.9	1.4	1.3	1.5
Shipping dimensions (WxDxH) mm:	< 700x750x1000 >		< 700x750x2000 >	
Shipping weight kg:	51	51	99	99
Refrigerant CFC- and HCFC-free:	R600a	R290	R600a	R290



ProfiFrost PFU35xxWN
(Fig. with optional cryoboxes.
See catalogue.)

Combination Model ProfiFrost	PFU4030KWU		PFU4040KWU	
	Refrigerator	Freezer	Refrigerator	Freezer
Temperature range °C:	+3/+15	-10/-30	+3/+15	-20/-40
Content litres gross/net:	255/240	110/105	255/240	110/105
Cooling system :	forced air	static	forced air	static
Defrosting :	automatic	manual	automatic	manual
Ext. dimensions (WxDxH) mm:	600x615x2000		600x720x2000	
Int. dimensions (WxDxH) mm:	450x455x1110	455x435x595	450x455x1110	455x435x595
Depth with door opened mm:	1120	1120	1120	1120
Number of drawers freezer comp.:	0	3	0	3
Int. dimensions drawer (WxDxH) mm:	-	420x375x180	-	420x375x180
Number of shelves :	4 grid inserts	2 glass shelves	4 grid inserts	2 glass shelves
Weight kg:	85		90	
Mains connection :	1/N/PE ~ 230 V 50 Hz		1/N/PE ~ 230 V 50 Hz	
Energy consumption kWh/24h:	1.8		2.3	
Shipping dimensions (WxDxH) mm:	700x750x2150		700x750x2150	
Shipping weight kg:	98		103	
Refrigerant CFC- and HCFC-free:	R600a	R600a	R600a	R290



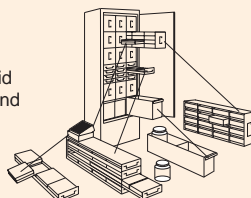
ProfiFrost PFU40xxKWU
(Fig. with inventory system.
See catalogue.)

Options / Accessories:

	Cat. No.
ProfiTec Temperature Monitoring and Recording System (see separate brochure).	GPTEC4A
USB data logger to be placed in refrigerators or freezers.	ZXX2-045-007
Measuring range -35/+80 °C, an add. temperature sensor is not required.	
ProfiCaller telephone dialler.	on request
Pt-100 temperature sensor, add. installed for external temperature recording.	ZPFU2-023-2L
Grid inserts for refrigerator compartment (Combi model only).	ZPFU4-480x420
Drawer with telescopic slide-out for refrigerator compartment (Combi model only).	on request
Duct to storage compartment closed according to BGR 120 / GUV-R 120.	ZPFU1-070
Door hinges factory-mounted on left.	ZPFU5-001
Transport carriage with 4 castors (2 lockable).	ZPFU5-021

Inventory Systems

Stainless steel racks, cryoboxes and grid inserts enable specimens to be stored and retrieved in a clear and orderly manner. Optimum use is made of the storage capacity.



Recommendations for additional storage sets can be found in our separate catalogue.

Please ask for a personal fitting option.

