

## Pharmacy fridges compliant with DIN 58345



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	<b>MKv 3913</b> MediLine	<b>MKv 3910</b> MediLine	<b>MKUv 1613</b> MediLine	<b>MKUv 1610</b> MediLine
<b>Total gross / net capacity</b>	360/281 litre	360/300 litre	141/115 litre	141/116 litre
<b>Exterior dimensions in mm (w/d/h)</b>	600/615/1840	600/615/1840	597/615/825	597/615/825
<b>Interior dimensions in mm (w/d/h)</b>	440/435/1635	440/435/1635	440/435/670	440/435/670
Energy consumption in 365 days <sup>1</sup>	480 kWh	309 kWh	369 kWh	273 kWh
Climate rating	SN	SN	SN	SN
Refrigerant	R 600a	R 600a	R 600a	R 600a
Sound power level	48 dB(A)	48 dB(A)	47 dB(A)	47 dB(A)
Voltage / Connection rating	220–240V–/1.5 A	220–240V–/1.5 A	220–240V–/1.0 A	220–240V–/1.0 A
Cooling system / Defrost	forced-air / automatic	forced-air / automatic	forced-air / automatic	forced-air / automatic
Temperature range	+5°C	+5°C	+5°C	+5°C
External cabinet finish	steel / white	steel / white	steel / white	steel / white
Door / lid material	glass door	steel	glass door	steel
Internal liner material	commercial grade moulded polystyrol	commercial grade moulded polystyrol	commercial grade moulded polystyrol	commercial grade moulded polystyrol
Type of control	electronic controller	electronic controller	electronic controller	electronic controller
Temperature display	external digital	external digital	external digital	external digital
Power failure alarm	immediately upon power failure for at least 12hrs	immediately upon power failure for at least 12hrs	immediately upon power failure for at least 12hrs	immediately upon power failure for at least 12hrs
Fault: warning signal	visual and audible	visual and audible	visual and audible	visual and audible
Interface / Volt-free alarm contact	RS 485 / yes	RS 485 / yes	RS 485 / yes	RS 485 / yes
Interior light	LED lighting, with separate switch		LED lighting, with separate switch	
Adjustable shelves	5	5	3	3
Usable shelf area in mm (w/d)	440/420	440/420	440/420	440/420
Shelf material	wire shelves plastic-coated	wire shelves plastic-coated	wire shelves plastic-coated	wire shelves plastic-coated
Shelf loading	45 kg	45 kg	45 kg	45 kg
Handle	ergonomic slimline handle	ergonomic slimline handle	ergonomic slimline handle	ergonomic slimline handle
Lock	fitted	fitted	fitted	fitted
Self-closing door	yes	yes	yes	yes
Door hinges	right, reversible on site	right, reversible on site	right, reversible on site	right, reversible on site
Gross / net weight	91 / 85 kg	74 / 68 kg	47 / 45 kg	41 / 39 kg
<b>Accessories</b>				
Shelf, plastic-coated	7112313	7112313	7112313	7112313
Stacking kit, white			9876687	9876687
Roller bars			9590521	9590521
Adjustable legs	9590231	9590231		
RS 485 / RS 232 adapter, data log software	9590387	9590387	9590387	9590387
Additional lock barrels (up to 10)	on request	on request	on request	on request

<sup>1</sup> Measured at +25°C ambient temperature and +5°C set temperature

## Accessories

### Shelves plastic-coated

Additional plastic-coated shelves can be retrofitted as required to provide extra storage options. They have an extremely high loading capacity of up to 45 kg.



### Stacking kit

A stacking kit is available as an accessory for combining the MKUv 1613 and MKUv 1610 models as well as other table-height appliances in the Liebherr research and laboratory range. This allows stacking a glass door appliance and solid door appliance or a fridge and freezer on a small footprint.



### Roller bars and adjustable legs

30 mm high roller bars can be retrofitted to the table-height MKUv models and adjustable legs can be retrofitted to the MKv models to allow easy cleaning underneath. The legs are adjustable between 115 mm and 170 mm in height.



### Interface converter with monitoring software

A special interface converter including LTM monitoring software is available for central documentation of the temperature profile data and alarm events of multiple appliances via the RS 485 serial interface. Capability is provided for interconnecting as many as 20 appliances and centrally documenting their parameters. Alarm forwarding or regular status reports to up to three email addresses can be configured as an additional feature. Commercially available converters can also be used to connect the connected appliances to a PC via WLAN or LAN. Software requirements: PC with Windows® operating system.



### Additional lock barrels

Up to 10 additional lock barrels to protect the stored products against unauthorised access are available as accessories for the pharmacy fridges. In case of multiple appliances, different locks can be installed to ensure that the respective appliance can only be accessed by the staff members responsible for it.

