

Refrigerators and freezers for laboratories and research



MediLine
with mechanical controls



MediLine
with electronic controls



Performance series



Perfection series

	<div>MediLine</div> <div>ATEX</div> <div>LKexv</div>
Temperature stability	Refrigerators +/-5 K deviation from setpoint
Storage safety	
	Mechanical lock
Interfaces	
SmartMonitoring	
Features	Rotary control with digital thermometer
	Ergonomic slimline handle
Energy consumption	
Compliance	Safety according to IEC 60335-2-89
	ATEX directive

MediLine

General laboratory use/ATEX
LKUv/LCv/LCexv/LKUexv/LGUex

Refrigerators +/-3 K deviation from setpoint
Freezers +/-5 K deviation from setpoint
Calibration option
Visual and audible alarms
Alarm relay
Alarm test function
+2 °C SafetyDevice function
Alarm history with real-time clock and 6 events
NTC product sensor (optional for LCv/LCexv/LGUex)
Min./max. temperature log
Self-closing door at < 90°
Custom alarm settings possible
Mechanical lock
RS485 interface
Modbus RTU communication protocol
SmartCoolingHub can be retrofitted
LED 7-segment display with buttons
Castors/adjustable feet as accessories, 75 cm-wide appliances with castors as standard
Evaporator cover (stops items freezing to inner liner), optional
Sensor feedthrough
Refrigerators: glass door models with ceiling lighting
Freezers: no lighting
Ergonomic slimline handle with opening mech- anism
Safety according to IEC 60335-2-89
ATEX directive (LKUexv, LCexv, LGUex)

Performance series

General laboratory use/ATEX
SRFvg/SFFsg/SRFfg/SFFfg

Refrigerators +/-3 K deviation from setpoint
Freezers +/-5 K deviation from setpoint
Freezers with SmartFrost
Calibration option
Visual and audible alarms
Alarm relay
Alarm test function
+2 °C SafetyDevice function
Alarm immediately upon power failure
Min./max. temperature log
Self-closing door at < 90°
Custom alarm settings possible
Mechanical lock
Optional LAN/WiFi
Local API (optional via SmartModule)
SmartModule can be retrofitted
Monochrome display, touch buttons
Individually adjustable maintenance timer
Castors/adjustable feet as accessories
Evaporator cover (stops items freezing to inner liner), only for glass door models, optional for insulated door models
Sensor feedthrough
Refrigerators: glass door models with ceiling lighting
Freezers: no lighting
Antimicrobial handle with opening mechanism
Super-efficient
Safety according to IEC 61010-2-011
ATEX directive (SRFfg/SFFfg)

Perfection series

General laboratory use
SRFvh/SFFvh

Refrigerators +/-2 K deviation from setpoint
Freezers +/-4 K deviation from setpoint
Freezers with NoFrost
Calibration option
Visual and audible alarms
Alarm relay
Alarm test function
+2 °C SafetyDevice function
Alarm with battery backup (12 h) immediately upon power failure
Alarm history with real-time clock and 10 events
Integrated data logger
PT1000 product sensor (optional for SFFvh models)
Min./max. temperature log
Self-closing door at < 90°
Custom alarm settings possible
Mechanical lock
Integrated LAN/WiFi
Local API
USB interface for reading the data logger
SmartModule integrated
2.4" touch & swipe colour display
Individually adjustable maintenance timer
Castors/adjustable feet as accessories, 75 cm-wide appliances with castors as standard
Evaporator cover (stops items freezing to inner liner), standard for all models
Sensor feedthrough
Refrigerators: Insulated and glass door models with vertical lighting
Freezers: LED lighting in the front housing
Antimicrobial handle with opening mechanism
Ultra-efficient
Safety according to IEC 61010-2-011
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