



COOL standard XL – Type 90

Discover the optimum solution for the storage of large quantities of flammable liquids: the COOL standard XL Type 90 by DÜPERTHAL with fire protection of 90 minutes. Experience the versatility and the comfort of the COOL standard XL.



COOL standard XL

Interior fittings:

- » 5 shelves made of shatter-proof glass.
- » 1 bottom tray, powder-coated sheet steel.
- » 1 perforated sheet insert, powder-coated sheet steel.

Construction:

- » Wing door made of powder-coated sheet steel.
- » Carcass made of powder-coated sheet steel.

Colour:

- » Safety storage cabinet wing door in traffic white RAL 9016.
- » Refrigerator wing door in white.
- » Safety storage cabinet carcass completely in light grey RAL 7035.
- » Individual colours for the safety storage cabinet possible.

Tested safety at a very high level including:

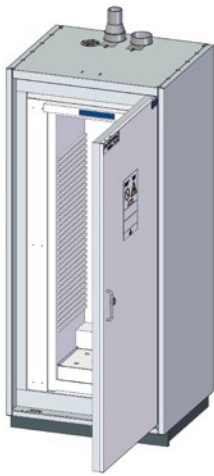
Ordering information



DIN EN 14470-1
DIN EN 14727



1.6.1 COOL standard XL with exhaust air monitoring unit – width 900mm



Details

Automatic switch-off in case of ventilation failure, 5 shelves made of shatter-proof glass, 1 bottom tray made of powder-coated sheet steel, 1 perforated sheet insert made of powder-coated sheet steel, and base

Design

Ref. no.

	With exhaust air monitoring unit and ventilator	With exhaust air monitoring unit
Interior fittings sheet steel	29-200978-001	29-200978-002

Dimensions [in mm]

	Outer	Inner
Width	895	550
Depth	745	430
Height	2080	1400

Max. storage capacity/standing space

Quantity	Type of container	Size
30	Glass laboratory bottles	0.5 litre
20	Glass laboratory bottles	1.0 litre
8	Glass laboratory bottles	2.5 litre

Weight [in kg] 499



COOL dual XL – Type 90

The COOL dual XL Type 90 by DÜPERTHAL - the optimum solution for storing various flammable liquids with different temperature requirements at a fire protection rate of 90 minutes. Discover the versatility and the comfort of the COOL dual XL.



COOL dual XL

Interior fittings per cooling compartment:

- » 3 shelves made of shatter-proof glass.
- » 1 bottom tray, powder-coated sheet steel.
- » 1 perforated sheet insert, powder-coated sheet steel.

Construction:

- » Wing door made of powder-coated sheet steel.
- » Carcass made of powder-coated sheet steel.

Colour:

- » Safety storage cabinet wing door in traffic white RAL 9016.
- » Refrigerator wing door in white.
- » Safety storage cabinet carcass completely in light grey RAL 7035.
- » Individual colours for the safety storage cabinet possible.

Tested safety at a very high level including:

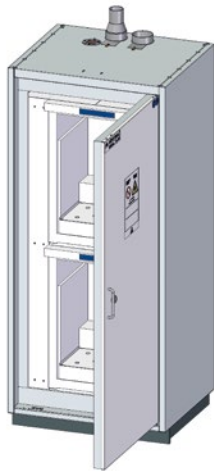
Ordering information



DIN EN 14470-1
DIN EN 14727



1.6.2 COOL dual XL with exhaust air monitoring unit – width 900 mm



Details

Automatic switch-off in case of ventilation failure; each cooling compartment has 3 shelves made of shatter-proof glass, 1 bottom tray made of powder-coated sheet steel, 1 perforated sheet insert made of powder-coated sheet steel, and base

Design

Ref. no.

	With exhaust air monitoring unit and ventilator	With exhaust air monitoring unit
Interior fittings sheet steel	29-200978-073	29-200978-074

Dimensions [in mm]

	Outer	Inner
Width	895	455
Depth	745	435
Height	2080	669

Max. storage capacity/standing space

Quantity	Type of container	Size
30	Glass laboratory bottles	0.5 litre
20	Glass laboratory bottles	1.0 litre
8	Glass laboratory bottles	2.5 litre

Weight [in kg] 499



COOL UTS LT – Type 90

The COOL UTS LT Type 90 by DÜPERTHAL – the compact under-bench solution for storing flammable liquids with fire protection of 90 minutes. Discover the versatility and the comfort of the COOL UTS LT.



COOL UTS LT

Interior fittings:

- » Left side: cooling compartment with bottom tray made of polypropylene.
- » Right side: technical unit.

Construction:

- » Wing doors made of powder-coated sheet steel.
- » Carcass made of powder-coated sheet steel.
- » Cooling compartment made of polypropylene.

Colour:

- » Carcass in light grey RAL 7035.
- » Wing doors in traffic white RAL 9016.
- » Individual colours possible.

Tested safety at a very high level including:

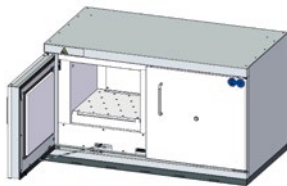
Ordering information



DIN EN 14470-1
DIN EN 14727



1.6.3 COOL UTS LT – width 1100mm



Details

1 bottom tray made of PP, 1 perforated sheet insert and 35 mm base

Design

Interior fittings sheet steel

Ref. no.

29-061168-021

Dimensions [in mm]

	Outer	Inner
Width	1100	350
Depth	595	390
Height (classic)	635	365

Max. storage capacity/standing space

Quantity	Type of container	Size
18	Glass laboratory bottles	0.5 litre
12	Glass laboratory bottles	1.0 litre
5	Glass laboratory bottles	2.5 litre

Weight [in kg] 217

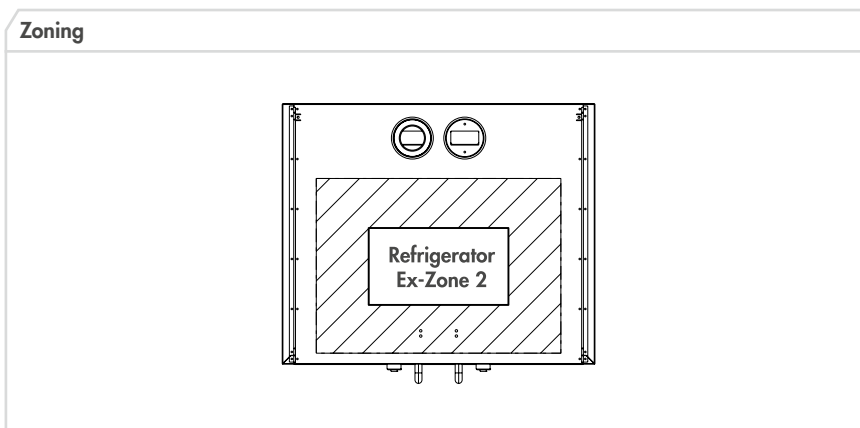


	COOL standard XL	COOL dual XL	COOL UTS LT
Locking systems:			
Cylinder lock	included	included	included
Lock with profile half-cylinder	on request	on request	on request
MPS-1 with automatic locking system	50-30000-920	50-30000-920	on request
Additional locking system for the two cooling compartments	–	29-80970-072	–
Additional interior fittings:			
Temperature probe for temperature measurement	–	29-80970-074	–
Analysing unit for recording	–	29-80970-073	–
Roller set	–	–	29-11400-011
Fitting options:			
Classic base 85 mm (instead of 35 mm)	–	–	29-11160-084
ToeKick base 85 mm	–	–	29-11160-085
Industrial ventilation:			
Exhaust air monitoring unit	included	included	on request
Industrial ventilation:			
Exhaust air system or ventilator			
Safety containers			
Absorbers			
		see www.dueperthal.com	

COOL standard XL | COOL dual XL – Type 90

Technical details			Model size
			XL
Load bearing capacity with uniformly distributed load (max. load/shelf)	in kg	Shelf	40
Maximum volume of the largest individual container that may be stored on any shelf	in l	–	10
Collection volume	in l	Bottom tray	11
Voltage/frequency	V/Hz	Refrigerator	230/50
Temperature range	°C	COOL standard XL	+2 bis +10
		COOL dual XL	+3 bis +8
Refrigerant	–	–	R 600 a
Voltage/frequency	V/Hz	Exhaust air monitor with ventilator 2.00.320C Exhaust air monitor 2.00.360C	230/50
Volumetric flow rate for 10-fold air exchange	in approx. m ³ /h	The interior of the refrigerator is not ventilated to ensure efficient and environmentally friendly cooling.	3
Pressure drop in the cabinet	in Pa	–	< 1

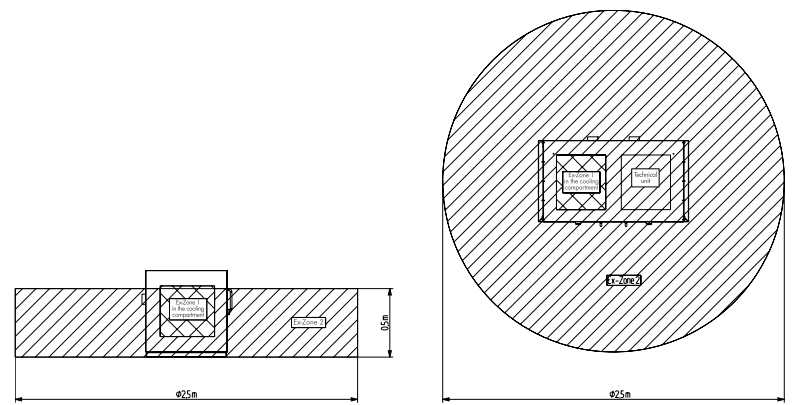
Dimensions – interior fittings [in mm]			
Model size			
XL			
	Width	Depth	Height
Shelf	541	410	4
Bottom tray	510	425	55



Technical details			Model size
			LT
Load bearing capacity with uniformly distributed load (max. load/shelf)	in kg	Perforated sheet insert	40
Maximum volume of the largest individual container that may be stored on any shelf	in l	–	10
Collection volume	in l	Bottom tray	11
Voltage/frequency	V/Hz	Refrigerator	230/50
Temperature range	°C	–	+2 bis +10
Refrigerant	–	–	R 600 a
Pressure drop in the cabinet	in Pa	–	< 1

Dimensions – interior fittings [in mm]			
Model size			
LT			
	Width	Depth	Height
Bottom tray	382	380	76,5

Zoning



Potentially explosive atmospheres can each be reduced by one risk level by storing only substances with a flash point above +10 °C (EN 60079-10).

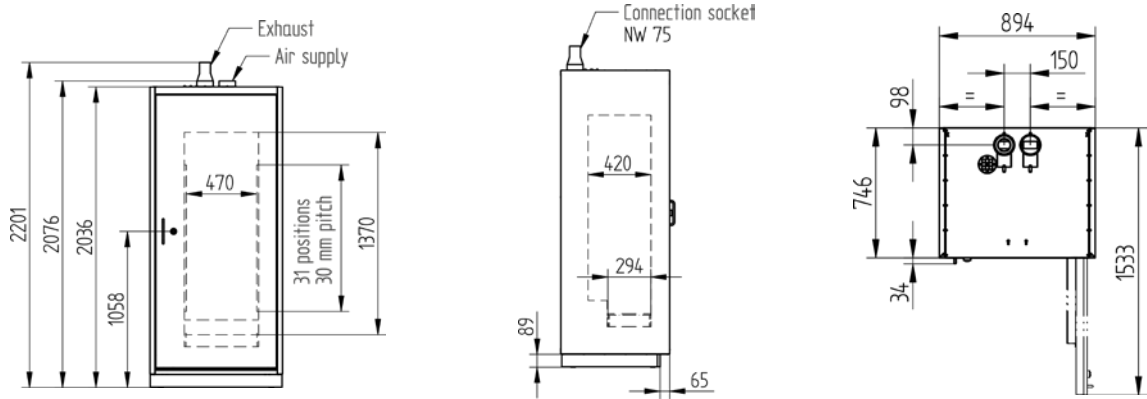
Note:

Accumulated heat energy must be extracted via the ventilation openings and the exhaust air socket. An exhaust air monitoring unit with ventilator and alarm function is optionally available.

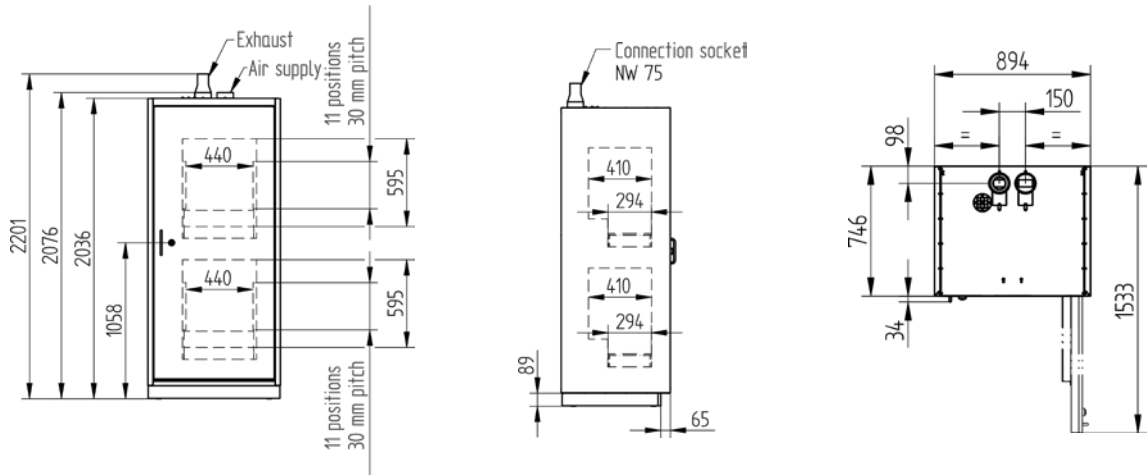
Technical data COOL line

Front view	Side view	Top view
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COOL standard XL



COOL dual XL



COOL UTS LT

