

SPEZIAL-282/-432

280 l

430 l

0 to +10 °C



- 3 Shelves (SPEZIAL-282)
- 4 Shelves (SPEZIAL-432)
- Recirculating air-cooling
- Automatic defrosting
- Melt water evaporation
- Stepless temperature selection

Outer panels of galvanised sheet steel (protection against sub surface rusting), white powder coated.

Adjustable feet in front in case of uneven floor.

Interior of impact-resistant white plastic with moulded in shelf guides.

Insulating, 50 mm thick, of highgrade pressure foamed and pro-environmental material. Extra thick for energy saving effect.

Lockable door with plastic magnetic sealing, easy to exchange. Door does not protect at side when opened.

Door hinge changeable (also subsequently), standard version with hinges on right (as illustrated), deliverable also with door hinge on left at no extra charge.

Recirculating air-cooling by means of a cross flow blower which keeps the temperature constant and reduces the natural temperature stratification. The cross flow blower cuts out automatically when the door is opened, for a minimum loss of cold air.

Defrosting automatically with thermal and time limit functions.

Melt water evaporation in the compressor area.

Temperature gear by interior thermostat. The temperature is kept automatically, independent of changing outside temperatures, provided the ambient temperature is approx. 3 °C above the selected interior temperature.

Compressor, static ventilated, hermetically enclosed, energy saving, low noise, easy to service, for 220-240 V AC, 50 Hz mains, model SPEZIAL-282 50/60 Hz mains. Other voltages on request. Length of mains cable approx. 1,8 m.

Equipment features at extra charge:

- Additional shelves
- Additional drawers (only for SPEZIAL-282)
- Glass door
- Lock for glass door
- Optical and acoustic warning system incl. power failure alarm and interface RS 485
- GSM-Module
- Castors

Appliances for temperature documentation:

- Pen-recording thermometer for placing loosely inside appliance with waxed paper strips
- PT 100 or PT 1000 sensor for temperature recording and monitoring via EDP system



Pictured is Model Spezial-282

	SPEZIAL-282	SPEZIAL-432
Capacity	280 litres	430 litres
Temperature setting	app. 0 °C to +10 °C	app. 0 °C to +10 °C
Shelves	3	4
Voltage	220 – 240 V, 50/60 Hz	220 – 240 V, 50 Hz
Power draft	150 Watts	135 Watts
Average consumption	1,0 kWh/24 h	0,9 kWh/24 h
Overall dimensions (incl. distance from wall and door handle)	w x d x h = 67 x 70 x 115 cm	w x d x h = 74 x 70 x 144 cm
Interior dimensions	w x d x h = 53 x 50 x 100 cm (usable depth above 5 cm, below less 14 cm)	w x d x h = 60 x 50 x 130 cm (usable depth above 5 cm, below less 14 cm)
Overall dim. with door open at 90°	w x d = 67 x 130 cm	w x d = 74 x 137 cm
Shelf dimensions	55,3 cm x 45 cm	62,3 cm x 45 cm
Max. load for drawer/shelf	16 kg/40 kg	–/40 kg
Weight	net 59 kg, gross 70 kg	net 73 kg, gross 85 kg

SPEZIAL-340/-468

- 1 Drawer and 3 Shelves (SPEZIAL-340)
- 4 Shelves (SPEZIAL-468)
- Recirculating air-cooling
- Automatic defrosting
- Melt water evaporation
- Digital temperature display

Outer panels of galvanised sheet steel (protection against sub surface rusting), white powder coated.

Adjustable feet in front in case of uneven floor.

Interior of smooth aluminium sheet with colourless protective coating. Light metal strip with 15 mm raster. 1 drawer on pull out rails with stop, vertical adjustment in 15 mm steps. 2 adjustable length dividers and 9 adjustable cross dividers per drawer. Storage capacity per drawer = 0,16 m². Loading capacity per drawer = max. 16 kg, per shelf = max 40 kg.

Insulating, 55 mm thick, of highgrade pressure foamed and pro-environmental material. Extra thick for energy saving effect.

Lockable door with plastic magnetic sealing, easy to exchange. Door does not protect at side when opened.

Door hinge changeable (also subsequently), standard version with hinges on right (as illustrated), deliverable also with door hinge on left at no extra charge.

Recirculating air-cooling by means of a cross flow blower which keeps the temperature constant and reduces the natural temperature stratification. The cross flow blower cuts out automatically when the door is opened, for a minimum loss of cold air.

Defrosting automatically with thermal and time limit functions.

Melt water evaporation in the compressor area.

Safety control device prevents freezing.

Key switch protected control panel with digital temperature display, minimum/maximum temperature memory, optical and acoustic warning signal in case of temperature deviation with potential free contact for remote monitoring. Defrost control light and red warning light. Standard equipped with interface RS 485.

Temperature gear by electronic thermostat. The temperature is kept automatically, independent of changing outside temperatures, provided the ambient temperature is approx. 3 °C above the selected interior temperature.

Compressor, static ventilated, model SPEZIAL-468 dynamic ventilated, hermetically enclosed, energy saving, low noise, easy to service, for 220-240 V AC, 50 Hz mains, model SPEZIAL-468 50/60 Hz mains. Other voltages on request. Length of mains cable approx. 1,8 m.

- Minimum/Maximum temperature memory
- Potential free contact
- Interface RS 485
- Safety control device prevents freezing
- Optical and acoustic warning in case of temperature deviation and door open alarm

Equipment features at extra charge:

- Power failure alarm (optical and acoustic up to 72 hours)
- Glass door
- Lock for glass door
- Additional drawers or shelves
- Additional length and cross dividers
- Aluminium trays with support rails 60 x 40 x 2,5 cm (SPEZIAL-468)
- Baskets with rails 60 x 45 x 10 cm (SPEZIAL-468)
- Water tray for manual emptying
- GSM-Module
- Castors

Appliances for temperature documentation:

- PC-Kit (USB-Version)
PC-Kit-Net (Network capable version)
incl. documentation software
- Pen-recording thermometer for placing loosely inside appliance with waxed paper strips
- PT 100 or PT 1000 sensor for temperature recording and monitoring via EDP system

The longitudinal and cross dividers within the drawers are individually adjustable.



The distance between drawers/shelves is adjustable within a 15 mm raster



330 l

460 l

+2 to +20 °C



RS485



	SPEZIAL-340	SPEZIAL-468
Capacity	330 litres	460 litres
Temperature setting	app. +2 °C to +20 °C	app. +2 °C to +20 °C
Drawers/shelves	1/3	–/4
Voltage	220 – 240 V, 50 Hz	220 – 240 V, 50/60 Hz
Power draft	150 Watts	180 Watts
Average consumption	1,2 kWh/24 h	1,4 kWh/24 h
Overall dimensions (incl. distance from wall and door handle)	w x d x h = 67 x 64 x 171,5 cm	w x d x h = 74 x 74 x 171,5 cm
Interior dimensions	w x d x h = 53 x 45 x 128 cm (usable depth 6 cm less)	w x d x h = 60 x 57 x 128 cm (usable depth 6 cm less)
Overall dim. with door open at 90°	w x d = 67 x 122 cm	w x d = 74 x 142 cm
Drawer inner dimensions	w x d x h = 50,4 x 32 x 5,6 cm	–
Shelf dimensions	53 cm x 39 cm	60 cm x 52 cm
Max. load per drawer/shelf	16 kg/40 kg	24 kg/40 kg
Weight	net 90 kg, gross 97 kg	net 88 kg, gross 100 kg