

Cooling Bath 450 kg

Model – Cooling bath 450 kg with pull-out baskets



Pull-out baskets as standard, stackable baskets on special order.

Standard features

- Designed in polished, stainless steel, material AISI 304
- The baskets are lifted by crane, mounted above the Cooling bath
- Features a built-in CIP system for automatic cleaning of concealed pipes and exchangers
- Colour touch-screen
- All recipes are made on the touch-screen
- Temperature / data log with USB storage device for self-monitoring
- Programs can be stored
- Remembers and restarts automatically on power failure
- Capacity to cool down 450 kg product from +95°C to +3°C
- Nozzles to achieve the best possible circulation
- Mounted outflow strainer at the bottom of the bath
- Exchanger to prevent the cooling water/ product water to mix with ice water/process water
- The cool down period depends on product type and the layer thickness
- The cold water temperature must be no more than 15°C. If the temperature of the supplied water is higher, it should be mentioned when ordering due to the capacity of the cooler.
- The cold water must be changed as needed.

49 pcs pull-out baskets - size L730 mm x W330 mm x H80 mm
1 pcs cage for 7 baskets +3 pcs cage for 14 baskets
4 pcs basket trolley

Bath

Kg per batch	450 kg
Water capacity	2016 L
Water Consumption	1550 L
Dimensions L x W x H	3544 x 1333 x 1095 mm
Power supply	3x400V + Earth, 50 Hz
Input power	9 kW
Input current, amp	16 A
Drain diameter	100 mm
Cold water	5/4" 3 bar
Glycol/cooling water connection	54mm 2"
Pumps	2 pcs
Weight with baskets without water	1000 kg
Weight with water, baskets, product	3000 kg

Crane

Dimensions, rail length x height	5094 x 2528 mm
CEE plug, supply	230V, 50 Hz
Motor effect	300 W

Remote Chilling Unit NRB-L282 Air cooled

- 1 pcs compact chiller with build-in water tank, flow pump and electric control
- 2 pcs separate cooling circuits (regarding the freon quantity)
- Electronic fan control (winter management)
- Freon and environmental control charge is included

Placing of the NRB Chiller air-cooled unit:

The chiller must be placed outside or at a ventilated location due to high heat emission.

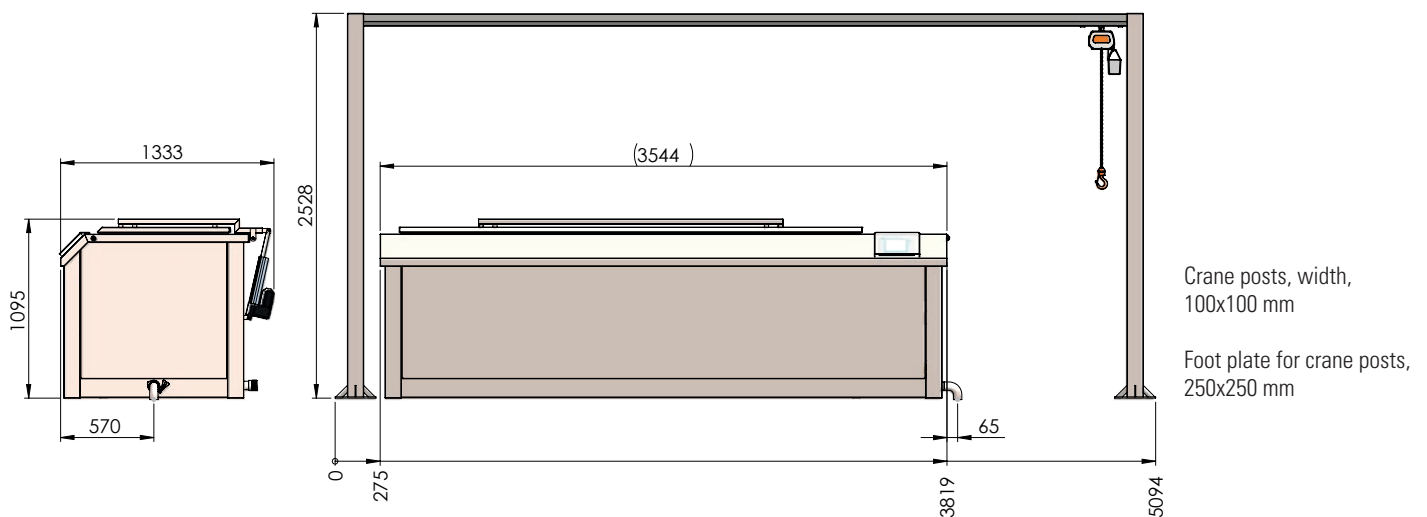
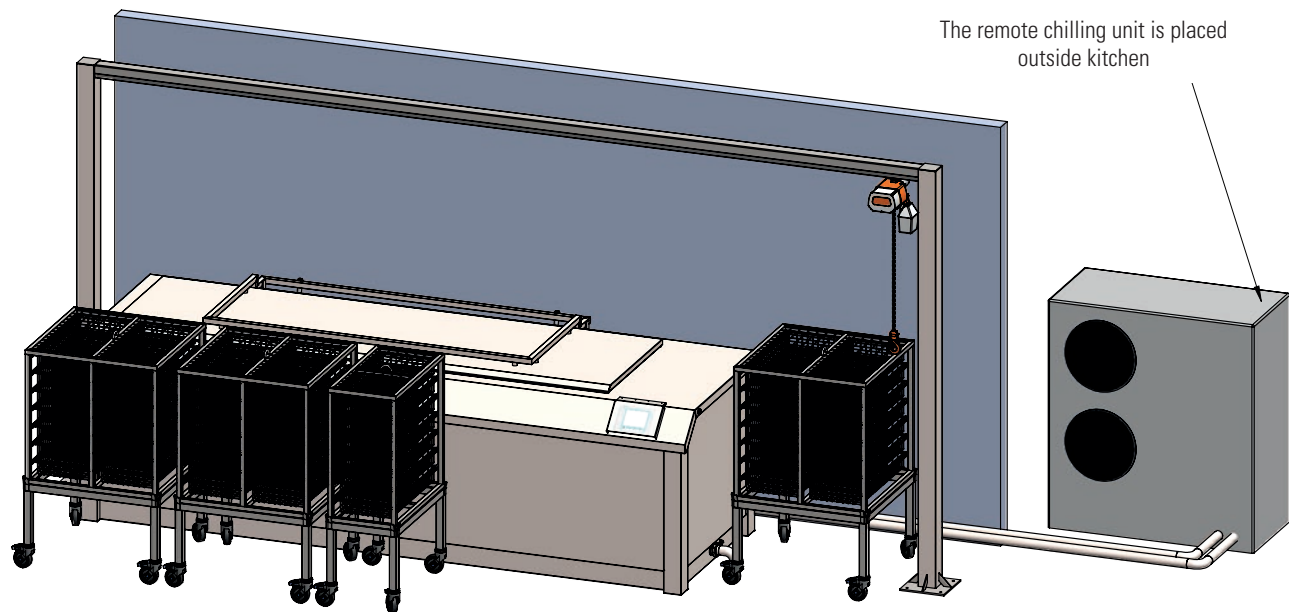
The surface under the unit must be flat, smooth and sufficiently strong to withstand the weight of the unit with a full refrigerant load, as well as the normal maintenance equipment. Place the cooler outside in a place that is not exposed to excessive wind (install windbreaks if the wind speed exceeds 2.2 m/s).

Chilling Unit NRB-L282

Cooling capacity	56,5 kWh at -1°C in flow / + 4°C at return (water-glycol mixture 70/30)
Freon type	R-410 A
Flow pump	1 pcs
Flow rate	9734 l/h by 37 kPa
Power supply	3 x 400 Volt + Neutral + Earth, 50 Hz
Input power,	19,8 kW
Input current, amp	35 A
Dimensions L x W x H	2450 x 1100 x 1680 mm
Weight including glycol	1110 kg

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metos



Tube dia. 51mm. to drain,
Dia. 100mm.

Glycol in:
2" male thread.
Glycol out:
2" male thread.
Cold water in:
5/4" male thread. 3bar.

Power connection:
9kW. 16amp.

Internet to pc.

Signal cable to Chiller.

Glycol / cooling water connection between cooling bath and chiller must be
54 mm stainless steel pipe 2" male thread, maximum 20 m