

# NV58+

SMALL COMPACT UNIT PERFECT FOR SMALL SUPERMARKETS (UP TO 800 M<sup>2</sup>)

NV58+ is a compact and modular unit with a wide range of equipment with **CO2 in transcritical cycle** (Ps. 130 bar.) **surfaces up to 800 m<sup>2</sup> in one or two temperatures**, working as a booster. A very complete solution that incorporates **up to 3 compressors**, with axial and radial versions (it can be installed outdoor) and **does not require an emergency unit**.

**COOLING POWER:** 14 to 53 kW (MT) / 0 to 8 kW (LT)

**APPLICATIONS:** from 300 to 800 m<sup>2</sup>. MT / LT

## RETAIL

- » CONVENIENCE STORES.
- » SUPERMARKETS.
- » SPECIALISED FOOD STORES.
- » FAST FOOD OUTLETS.
- » REFRIGERATED ROOMS.
- » HORECA CHANNEL.

- ✓ Compact unit with Gas Cooler included.
- ✓ Suitable for indoor and outdoor installations.
- ✓ Up to 3 compressors.
- ✓ Plug & Play, all-in-one.
- ✓ No emergency unit required.
- ✓ Excellent acoustic insulation, less outside noise.
- ✓ PS: 130 bar.

NV58+ can operate as a transcritical booster with integrated gas cooler. It has a wide range of standard and optional equipment available, such as heat recovery. A very complete solution for food retail (Medium or Low Temperature).



## STANDARD EQUIPMENT

- Double V-shaped coil.
- 3 air outlet configurations. (radial Gas Cooler).
- Oil separator accumulator.
- 90-litre liquid receiver.
- Integrated electrical panel.
- Two electronic refrigerant level sensors (high and low).
- K65 copper pipes and connections.
- Variable frequency drive for the first MT compressor.
- Variable frequency drive for the the LT compressor.

## AVAILABLE OPTIONS

- Axial Version or Radial Version.
- RHX for heat recovery.
- IHX internal liquid subcooler.
- Double HP and FG valves.
- Safety valve manifold.
- 10" TMS touch screen (Tewis Machine Supervisor).

## COMPRESSORS

- BITZER

## DESIGN PRESSURES

- MP (MT Suction): 52 bar.
- LP (LT Suction): 30 bar.
- IP (Receiver and Liquid Line): 90 bar.
- HP (Discharge): 130 bar.

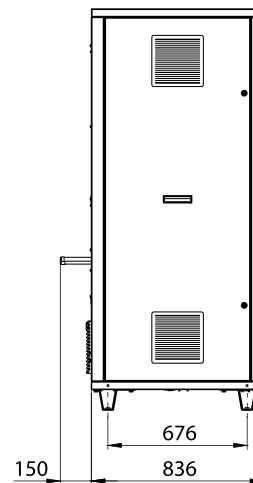
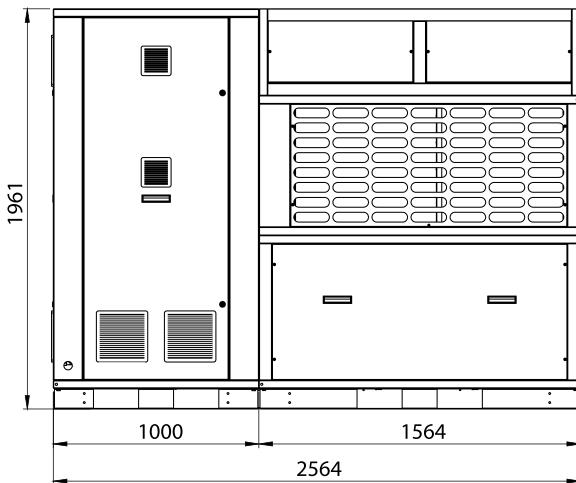
## AVAILABLE DRIVERS

- Tewis
- Danfoss
- Carel

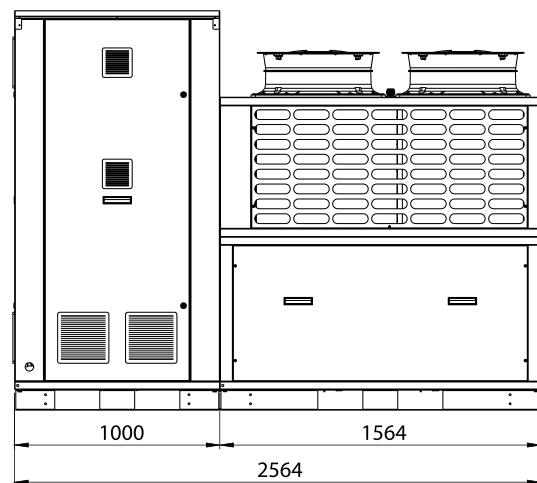


NV58+ is a very compact solution with high efficiency and power, for applications up to 800 m<sup>2</sup> without the need for an emergency unit and with design pressures of 130 bar.

## DIMENSIONS NV58+ RADIAL VERSION



## DIMENSIONS NV58+ AXIAL VERSION



## MODELS & DATA

BASE CODE	APPLICATION	MT CAP. KW*	LT CAP. KW*	MT CAP. KW*	LT CAP. KW*	MT CAP. KW*	LT CAP. KW*	MT COMPRESSORS	LT COMPRESSORS
GNV58_923YBX	MT	51	—	49	—	45	—	1x 4MTE-10K (INV) + 2x 4KTE-10K	—
GNV58_882YBX	MT	38	—	36	—	32	—	1x 4MTE-10K (INV) + 1x 4KTE-10K	—
GNV58_202ZBX	MT	32	—	30	—	24	—	1x 4MTE-10K (INV) + 1x 4MTE-10K	—
TNV58_203ZBX	MT+LT	18	4	17	4	14	4	1x 2KTE-7K (INV) + 1x 2KTE-7K	1x 2MSL-07K (INV)
TNV58_879YBX	MT+LT	30	7	28	7	24	7	1x 4MTE-10K (INV) + 1x 4KTE-10K	1x 2KSL-1K (INV)
TNV58_220ZBX	MT+LT	35	8	32	8	28	8	1x 4JTE-15K (INV) + 1x 4HTE-20K	1x 2JSL-2K (INV)

■ MT Evaporation Temperature: -8°C/LT Evaporation Temperature: -32°C/Ambient Temperature: +32°C

■ MT Evaporation Temperature: -8°C/LT Evaporation Temperature: -32°C/Ambient Temperature: +35°C

■ MT Evaporation Temperature: -8°C/LT Evaporation Temperature: -32°C/Ambient Temperature: +40°C

