

NV66+

UP TO 1200 M2 WITH A COMPACT CO2 UNIT THAT WORKS AS A BOOSTER

The NV66+ is a compact and modular unit with a wide range of equipment with CO2 in transcritical cycle (Ps. 130 bar.) **surfaces of up to 1200 m2** in one or two temperatures, **working as a booster**. A very complete solution that incorporates **up to 5 compressors**, with axial and radial versions (it can be installed outdoor) and **does not require an emergency unit**.

COOLING POWER: 22 to 70 kW (MT) / 0 to 15 kW (LT)

APPLICATIONS: 700 to 1.200 m². MT / LT

RETAIL

- » SMALL SUPERMARKETS.
- » MEDIUM SUPERMARKETS.
- » COLD STORAGE WAREHOUSES.
- » SMALL INDUSTRY.

- ✓ Compact unit with Gas Cooler included.
- ✓ Suitable for indoor and outdoor installations.
- ✓ Up to 5 compressors.
- ✓ Plug & Play, all-in-one.
- ✓ No emergency unit required.
- ✓ Excellent acoustic insulation, less outside noise.
- ✓ PS: 130 bar.

NV66+ is a very complete unit that can operate as a transcritical booster with with an integrated gas cooler, a perfect solution for supermarkets and small industry, sustainable and efficient.



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).

AVAILABLE DRIVERS

- Tewis
- Danfoss
- Carel

DESIGN PRESSURES

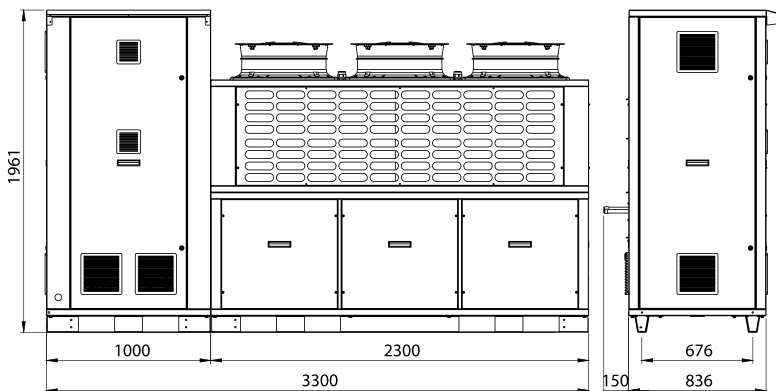
- MP (MT Suction): 52 bar.
- LP (LT Suction): 30 bar.
- IP (Receiver and Liquid Line): 90 bar.
- HP (Discharge): 130 bar.

COMPRESSORS

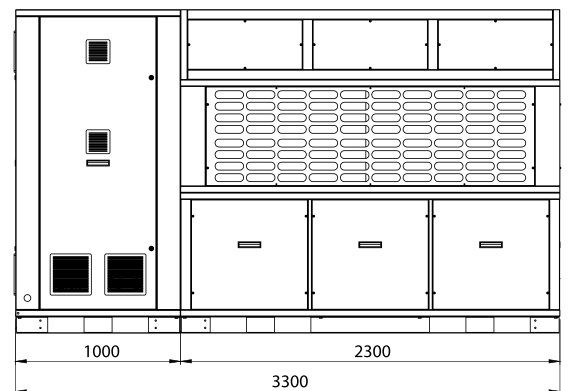
- BITZER



DIMENSIONS NV66+ AXIAL VERSION



DIMENSIONS NV66+ RADIAL VERSION



Applications up to 1200 m² in one or two temperatures with a compact all-in-one solution and CO₂

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
GNV66...148ZQX	MT	77	—	71	—	66	—	1x 4JTE-15Z (INV) + 2x 4HTE-20Z	—
GNV66...020ZQX	MT	67	—	64	—	52	—	1x 4JTE-15Z (INV) + 2x 4JTE-15Z	—
GNV66...230ZQX	MT	59	—	54	—	47	—	1x 4MTE-10Z (INV) + 2x 4JTE-15Z	—
TNV66...228ZQX	MT+LT	21	14	19	14	15	14	1x 4PTE-7K (INV) + 2x 4MTE-10Z	1x 2JSL-2Z (INV) + 1x 2JSL-2Z
TNV66...540YQX	MT+LT	44	11	39	11	33	11	1x 4MTE-10Z (INV) + 2x 4JTE-15Z	1x 2KSL-1Z (INV) + 1x 2KSL-1Z
TNV66...139ZQX	MT+LT	49	14	46	14	35	14	1x 4JTE-15Z (INV) + 2x 4JTE-15Z	1x 2JSL-2Z (INV) + 1x 2JSL-2Z
TNV66...224ZQX	MT+LT	51	14	48	14	42	14	1x 4JTE-15Z (INV) + 2x 4HTE-20Z	1x 2JSL-2Z (INV) + 1x 2JSL-2Z
TNV66...229ZQX	MT+LT	47	18	44	18	38	18	1x 4JTE-15Z (INV) + 2x 4HTE-20Z	1x 2HSL-3Z (INV) + 1x 2HSL-3Z

■ 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

