

NV66+

TRANSCRITICAL CO2

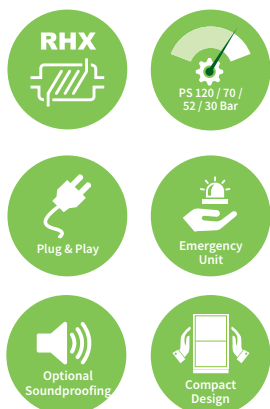
Compact compressor rack fully equipped for transcritical CO2 refrigeration.
It covers refrigeration services in one or two temperatures, working as a booster.

COOLING CAPACITY: 22 TO 77 KW

APPLICATION: 700 TO 1.800 M2

- » SMALL SUPERMARKETS.
- » MEDIUM SUPERMARKETS.
- » REFRIGERATED WHAREHOUSE.
- » SMALL-SCALE INDUSTRIES.

- ✓ Complete solution.
- ✓ Compact rack accessible 360°.
- ✓ Plug & play.
- ✓ Indoor & Outdoor.
- ✓ Gas Cooler included.
- ✓ Soundproofing.
- ✓ Up to 5 compressors.
- ✓ Wider exchange surface = Lower flow.



STANDARD EQUIPMENT

- Double V-shaped battery.
- 3 air output configurations.
- Oil separator accumulator.
- 90l liquid reciever, with internal exchanger for connection with emergency unit.
- Two independent modules to house compressors and gas cooler.
- Electrical panel with control unit and remote control selector.

- Two electronic refrigerant level sensors (high and low level)
- Copper pipes and connections.
- Frequency inverter for the first MT compressor.

OPTIONS

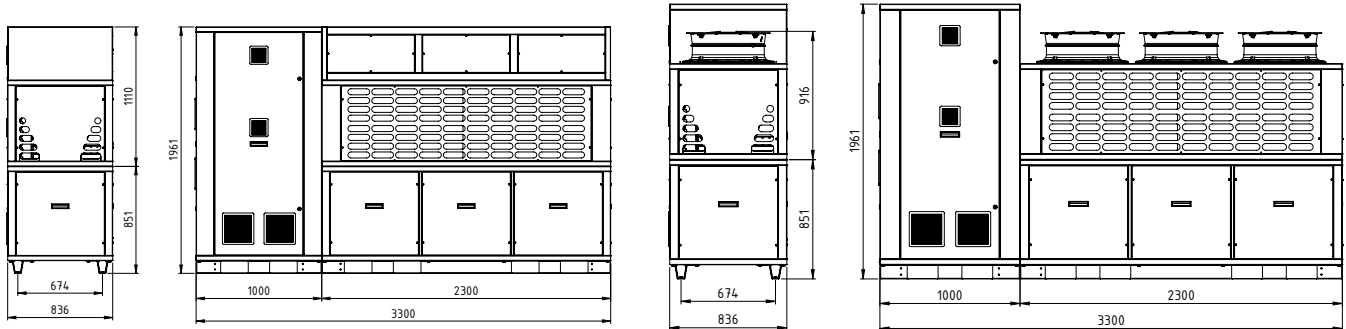
- Axial or radial version.
- Frequency inverter for LT compressor.
- Heat recovery RHX.
- Emergency unit.

CONTROLLERS

- Tewis (EWCM9000pro)
- Danfoss (AK-PC772)
- Carel (pRack PR300T)

DESIGN PRESSURES

- MP (MT suction): 52 bar.
- LP (LT suction): 30 bar.
- IP (Reciever and liquid line): 70 bar.
- HP (Discharge): 120 bar.



Dimensions axial and radial version.

MODELS & DATA						
BASE CODE	APPLICATION	COMPRESSOR	CAPACITY KW MT*	CAPACITY KW LT*	COMPRESSOR MT	COMPRESSOR LT
GNV66**291XB	MT	BITZER	47,37	0	1x 4JTC-15K (V.F.) + 1x 4HTC-15K	—
GNV66**045XB	MT	BITZER	70,05	0	1x 4JTC-15K (V.F.) + 2x 4HTC-15K	—
TNV66**951YB	MT+LT	BITZER	43,44	3,90	1x 4JTC-15K (V.F.) + 1x 4HTC-15K	1x 2MSL-07K
TNV66**921YB	MT+LT	BITZER	49,33	3,90	1x 4MTC-10K (V.F.) + 2x 4KTC-10K	1x 2MSL-07K
TNV66**170XB	MT+LT	BITZER	66,12	3,90	1x 4JTC-15K (V.F.) + 2x 4HTC-15K	1x 2MSL-07K
TNV66**042XB	MT+LT	BITZER	46,52	6,68	1x 4MTC-10K (V.F.) + 2x 4KTC-10K	2x 2MSL-07K
TNV66**301XB	MT+LT	BITZER	63,31	6,68	1x 4JTC-15K (V.F.) + 2x 4HTC-15K	2x 2MSL-07K
TNV66**965YB	MT+LT	BITZER	28,42	6,68	1x 4MTC-10K (V.F.) + 1x 4KTC-10K	2x 2MSL-07K
TNV66**767XD	MT+LT	DORIN	37,27	7,27	1x CD4120-9,2H (V.F.) + 1x CD490-9,2M	2x 2MSL-07K
TNV66**919YB	MT+LT	BITZER	44,96	8,26	1x 4MTC-10K (V.F.) + 2x 4KTC-10K	1x 2JSL-2K
TNV66**762XD	MT+LT	DORIN	26,44	9,68	1x CD490-6,4H (V.F.) + 1x CD490-9,2M	2x CDS151B
TNV66**768XD	MT+LT	DORIN	34,80	9,68	1x CD4120-9,2H (V.F.) + 1x CD490-9,2M	2x CDS151B
TNV66**310XB	MT+LT	BITZER	42,09	11,10	1x 4MTC-10K (V.F.) + 2x 4KTC-10K	2x 2KSL-1K
TNV66**322XB	MT+LT	BITZER	58,88	11,10	1x 4JTC-15K (V.F.) + 2x 4HTC-15K	2x 2KSL-1K
TNV66**966YB	MT+LT	BITZER	23,99	11,10	1x 4MTC-10K (V.F.) + 1x 4KTC-10K	2x 2KSL-1K
TNV66**769XD	MT+LT	DORIN	30,85	13,54	1x CD4120-9,2H (V.F.) + 1x CD490-9,2M	2x CDS181B
TNV66**775XD	MT+LT	DORIN	41,00	13,54	1x CD490-6,4H (V.F.) + 2x CD490-9,2M	2x CDS181B
TNV66**323XB	MT+LT	BITZER	55,82	14,16	1x 4JTC-15K (V.F.) + 2x 4HTC-15K	2x 2JSL-2K

* Calculation conditions:

Tev MT -8°C, Tev LT -32°C, GC outlet +35°C, 1st MT comp. with inverter at 70Hz, 1st LT compressor with inverter at 70Hz for Bitzer compr. or 60Hz for Dorin compr.

