

Bitzer OSNA8591-K (x4) NH3 installation

Specifications

Brand	Bitzer
Type	OSNA8591-K (x4) NH3 installation
Refrigerant	NH 3 (ammonia)
kW at -10°C/+40°C	1364,0
kW at -20°C/+40°C	1024,0
kW at -30°C/+40°C	641,2
Electromotor Specs	50 Hz - 110 kW - 2960 RPM
Unloaded Start	✓
Capacity Control	✓
On steel base frame	✓
Pressure safety switches	✓
Hp/Lp/Op	
Pressure gauges	✓
Hp/Lp/Op	
Oil separator	✓
Sight Glass	✓
Solenoid Valve	✓
m3 / h	2188 m ³ /h at 2960 RPM
Remarks	Y.o.b. 2011
Package / Rack	✓
Sizes	5220x1830x2780 mm (LxWxH)
Stock	1



Description

Used Bitzer OSNA8591-K (x4) NH3 installation

Used Bitzer OSNA 8591-K (x4) open screw compressor rack on R717 (Ammonia). Each compressor complete with a Rotor 23RN250M02 electric motor - 50 Hz - 110 kW - 2960 RPM and pressure and safety switches/gauges. Further the set comes with an oil separator, HS-Cooler KS20-FEP-113 oil cooler, Witt HDB 406 x 1720 receiver with a volume of 210 liter, Witt NDB 1200x4169 separator that has a volume of 4310 liter and 2 Witt HRP 5040 liquid pumps, Witt ECO 3-M/N economizer, NH3 floater and a control cabinet.

The condenser this set worked with is

also available. It is a Goedhart INAL-G-N41080D-B-6p (D) NH₃ air-cooled condenser. Complete with 10 Süd-Electric MDB-T3100-NSN-U fans - 50 Hz - 1,5/2,4 kW - 650/900 RPM - diameter 800 mm and a total airflow of 210.120 m³/h. Capacity of 774,2 kW at an air inlet temperature of 25°C and a condensing temperature of 40°C. Condenser can be found through the following link: [17981](https://www.hosbv.com/en/product/18727/condensers/Goedhart-INAL-G-N41080D-B-SpD.html)

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