Sabroe SMC 108S (x2)

Specifications

Brand	Sabroe
Type	SMC 108S (x2)
Product type	Air Cooled Chiller
Capacity kW	356,0*
Capacity Tons	101,2
Refrigerant	NH 3 (ammonia)
Refrigerant Type	R717
Liquid buffer tank	✓
Pump	✓
Sizes	5980x2430x2580 mm (LxWxH)
Compressor(s) type & model	Sabroe SMC 108S (x2)
Number of fans	4
Fan specifications	1340 RPM
Remarks |	Y.o.b. 2007
Remarks ||	*Capacity based on -12°C/+35°C
Stock	1



Description

Used Sabroe SMC 108S (x2)

Used Sabroe air-cooled water chiller on Ammonia (R717) in a container. The chiller exists of the following components:

Compressors:
2x Sabroe SMC 108S reciprocating compressors on a steel base frame. Each compressor is complete with a Schorch KN7250S-BB01B-Z electric motor - 50 Hz - 75 kW - 1475 RPM, pressure and safety switches/gauges and capacity control. The compressors have a capacity of 356 kW at -12°C/+35°C.

Evaporator:
1x Isolated Alfa Laval M10-BWFDR plate heat exchanger for Glycol / R717. The heat exchanger has a capacity of

360 kW at a temperature of -12°C.

Condenser:
1x Raffel RAV 2.84.4 evaporating condenser for NH3. Complete with 4 fans that are running on 1450 RPM. Further the sets comes with two KSB Etachrom 50-125/114 spray water pump with a water flow of 45 m³/h. Capacity of 450 kW at a temperature of +35°C.

Further the chiller set comes with the following parts:

1x Lohenner NH3 separator with a volume of 670 liter.
1x Alfa Laval CB25-U10H brazed heat exchanger.
1x Lohenner Brine tank with a volume of 340 liter.
1x KSB Riovar cooling water pump with a flow of 1,5 m³/h.
1x Control cabinet with a Flow Vacon frequency converter.

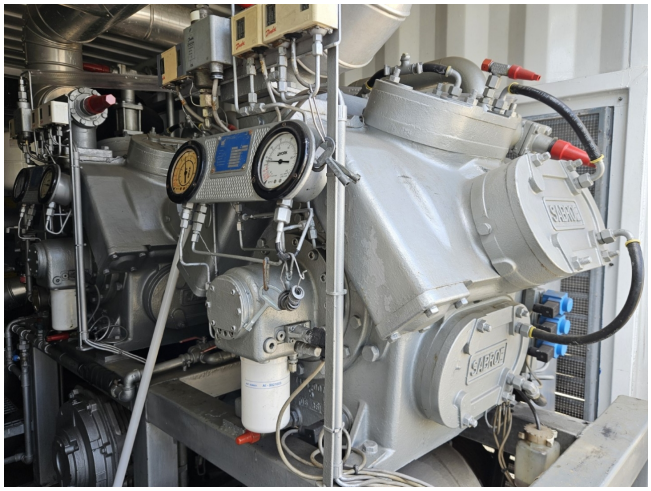
For further information please feel free to contact us!

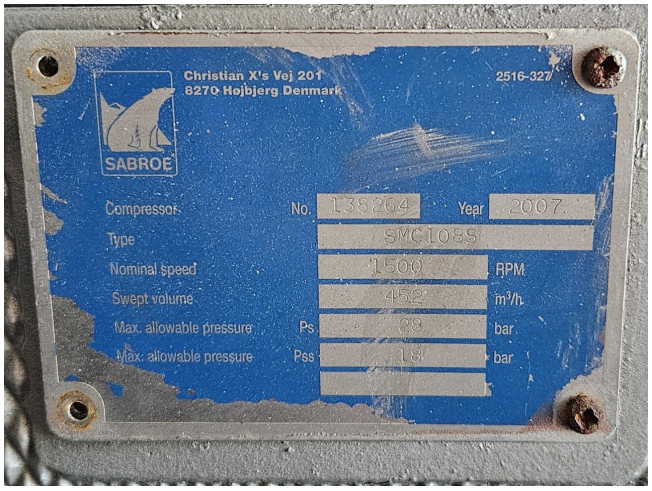
*All components of this used chiller will be tested on adequate performance, leak free condition (condensing blocks, compressors, fans, control panel and so forth). Choosing HOSBV means buying with warranty. We perform an industrial cleaning. *If requested we are happy to arrange your shipment.

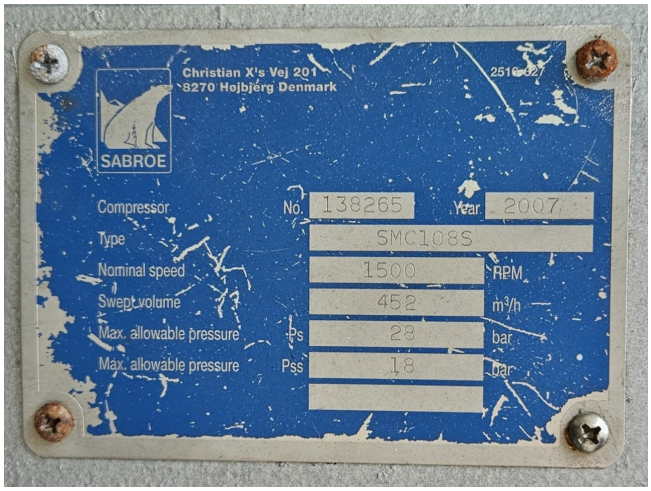

APU 830376
CHX 2200

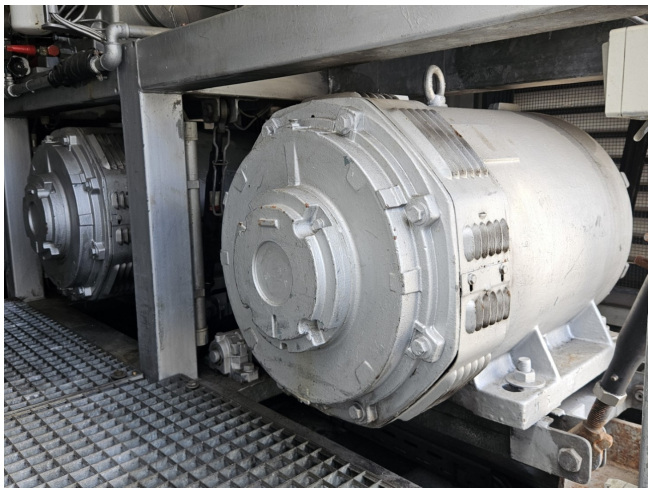


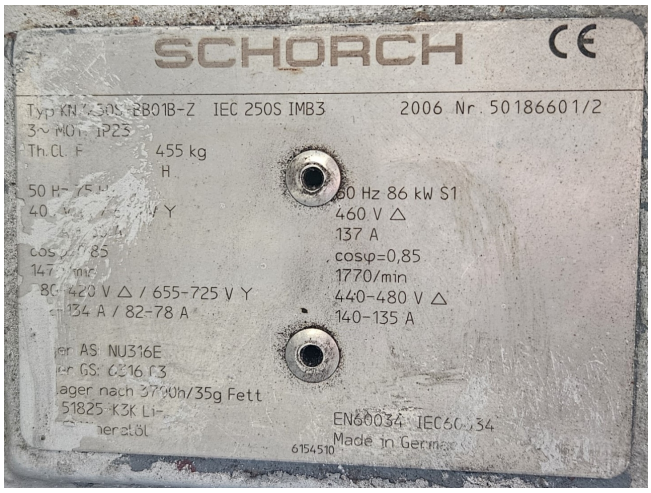





Christian X's Vej 201
8270 Højbjerg Denmark
2516-327
SABROE
Compressor
No. 138264
Year 2007
Type SMC108S
Nominal speed 1500 RPM
Swept volume 452 m³/h
Max. allowable pressure Ps 28 bar
Max. allowable pressure Pss 18 bar

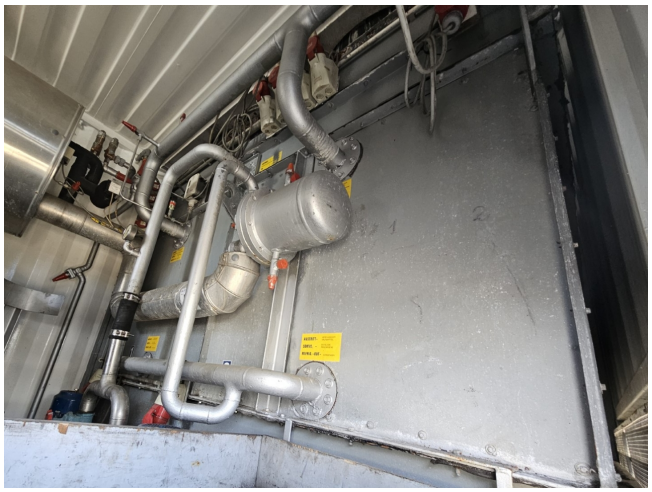

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SCHORCH
CE
2006 Nr. 50186601/2
455 kg
460 V △
137 A
cosφ=0,85
1770/min
440-480 V △
140-135 A
EN60034 IEC60034
Made in Germ
6154510




ALFA LAVAL




RAU 2.84.8
514
NH3
12747/26 402
2006
0 / + 120 C
20 Bars

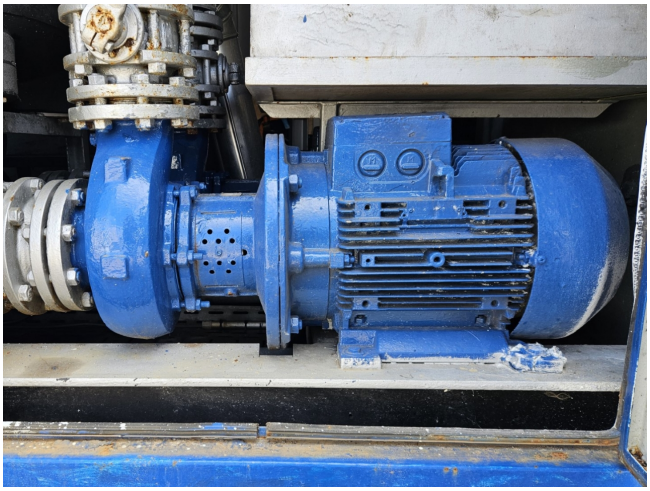




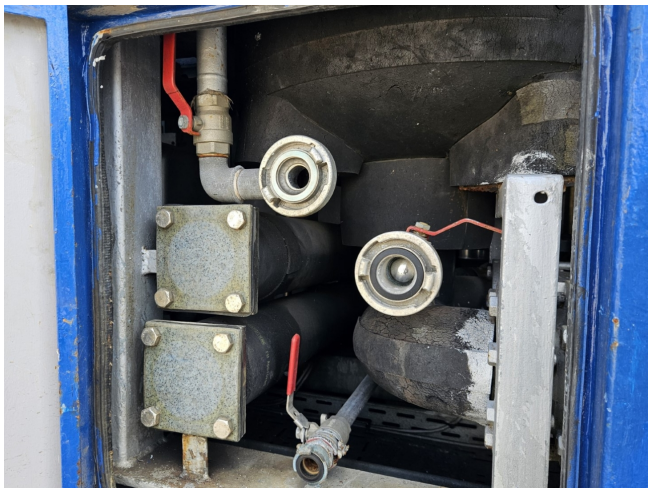

Lohenner GmbH & Co.
57223 Kreuztal 0049 / 2732 / 58 52-0
Made in Germany
Druckbehälter pressure vessel pression récipient
Medium media medié NH3
Inhalt capacity capacite (V) 670 L
zul. Druck allowable p. p. admissible PS max. 16 bar
zul. Druck allowable p. p. admissible PS min. -1 bar
zul. Temp. allowable t. t. admissible T max. 50 °C
zul. Temp. allowable t. t. admissible T min. -20 °C
zul. Temp. allowable t. t. admissible bei/at -20/1,9 °C/bar
Herstell-Nr. serial-no. N° serie 85740
Herstelljahr year anné 2006
CE 0685




Lohenner GmbH & Co.
57223 Kreuztal
0049 / 2732 / 58 52-0
Made in Germany
Druckbehälter pressure vessel pression récipient
Medium media medié
Inhalt capacity capacite (V) 340 L
zul. Druck allowable p. p. admissible PS max. 7 bar
zul. Druck allowable p. p. admissible PS min. 0 bar
zul. Temp. allowable t. t. admissible T max. 50 °C
zul. Temp. allowable t. t. admissible T min. -12 °C
zul. Temp. allowable t. t. admissible bei/at °C/bar
Herstell-Nr. serial-no. N° serie 85777
Herstelljahr year anné 2006
CE 0685
TÜV




KSB Aktiengesellschaft
D-67227 Frankenthal






SABROE
SABROE



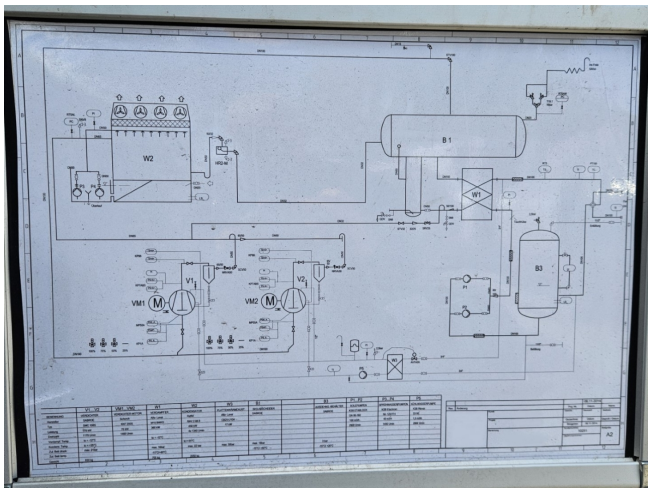







100...240VAC
AC INPUT
5A2
5A5
RELAY OUTPUT 8A
MANUELY ON and OFF


VACON


W2
B1
W1
B3
V1
V2
VM1
VM2