

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.

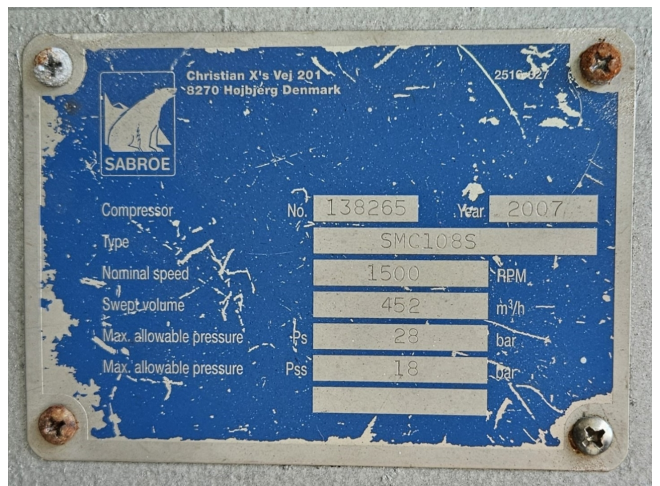
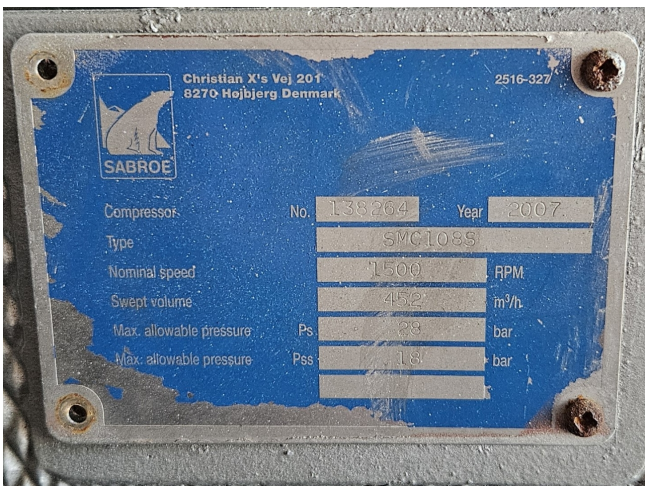
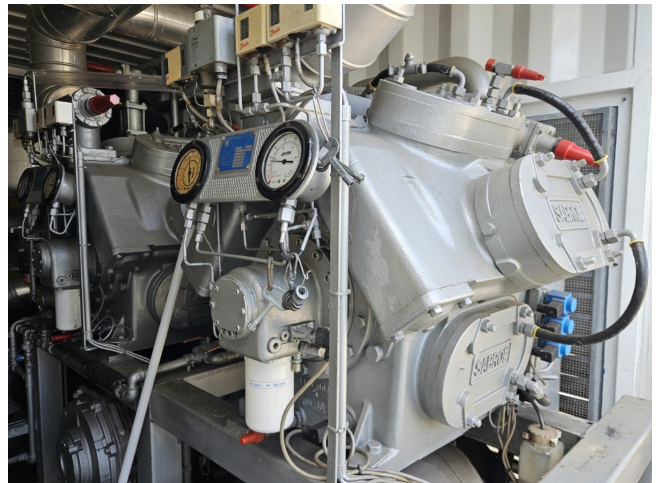
1x Lohenner Brine tank with a volume of 340 liter.

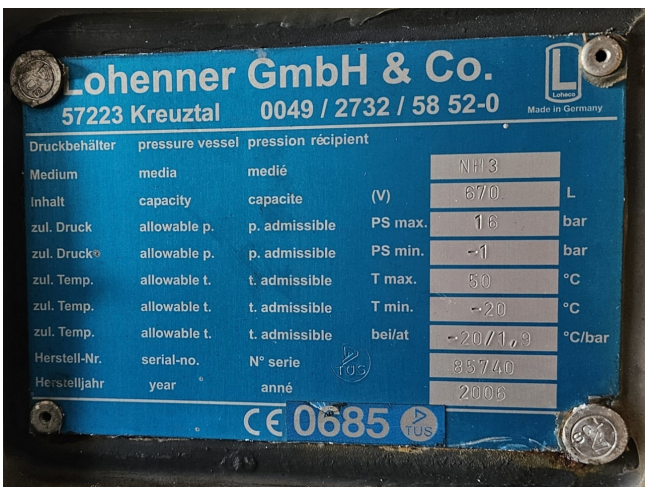
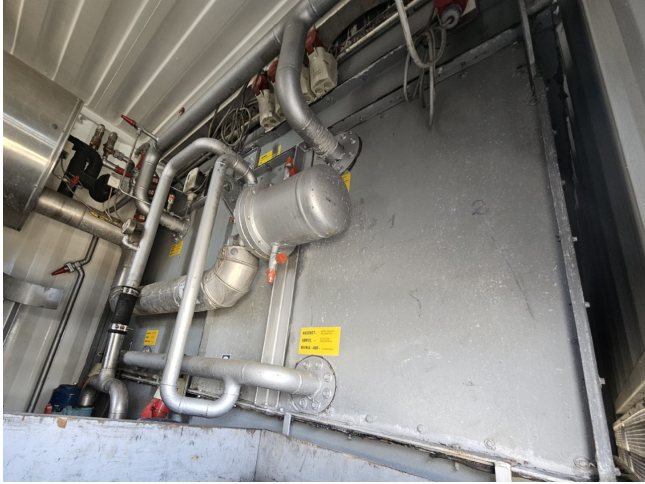
1x KSB Riovar cooling water pump with a flow of 1,5 m³/h.

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.







Lohenner GmbH & Co.			57223 Kreuztal 0049 / 2732 / 58 52-0		Made in Germany	
Druckbehälter	pressure vessel	pression récipient				
Medium	media	medié	R20/C2H6O2			
Inhalt	capacity	capacité	(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	bel/at		°C/bar	
Herstell-Nr.	serial-no.	N° serie	85777			
Herstelljahr	year	année	2006			
			CE 0685 TUS			

