



Unisab III

Industrial refrigeration package controller

Ultimate flexibility



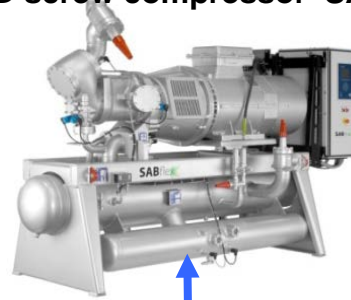
Unisab III Universal package controller



Fully customised solution



VSD screw compressor 'SABflex'



Screw compressor



Customised chiller, screw



VSD reciprocating compressor



Standard NH₃ chiller, recip



Heat pump



Heat pump, screw



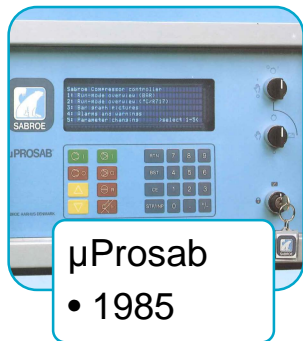
Unisab III

The ancestry tells its own tale ...



Unisab III

- 30 years of constant improvements
- One controller fits all compressor types (140 different types)
- Strong retrofit program, including competitors' compressors
- Strong brand in the world of industrial refrigeration
- Monitoring and diagnosis, protection and control combined in one compact integrated unit
- Also available for panel mounting



Installed units today: > 30,000

Unisab III Connectivity hub

Unisab IIIs are connectivity hubs that make sure refrigeration installations have the best possible performance, maximum uptime and lowest possible operating costs.

Compressors, chiller packages and heat pump packages are, however, just a part of a greater whole in the context where they are installed.

The Unisab integrates, seamlessly and easily, with common industrial and building efficiency networks, and offers human interaction both locally and remotely.



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Dynamic load-based service



Service on demand

The Unisab III offers service takers the possibility to use the integrated load-based service module 'Service On Demand' to optimise their cost of ownership.

The basic intention with the SOD module is to optimise the length between service intervals, respecting that wear patterns depend on the average load on the compressor.

HMI Simulator version 1.1.0.6 Subversion Rev 2996

Unisab III

Favourites/Default	
Service counter	2 Hour
Main service C	23284 Hour
Next main service C	23282 Hour
Next sub service B	11640 Hour
Next sub service A	3878 Hour
Starts since main C	3
Automatic Service	Yes

Remote T 73 N 1 Timer: 118 Sec
Running Oil Temp low

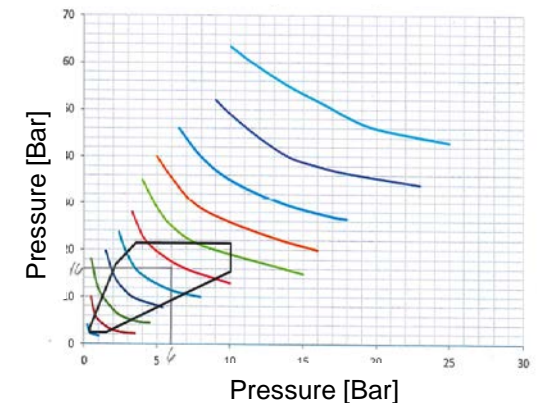
Stop 0 X Timer: 5 Sec
Stopped Motor start

Next sub service A 7500 Hour
Starts since main C 0
Automatic Service Yes
Service interval C 30000 Hour
Hours since main 0 Hour
Service phone +000000000000
Last serv. alm. ack none
Ack time 00-00-00

F1 F2 F3 F4

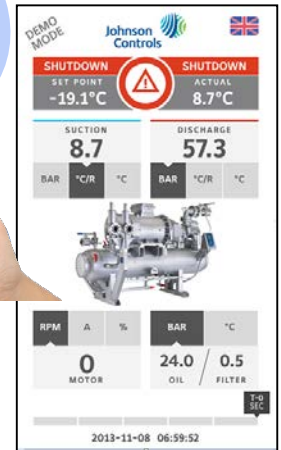
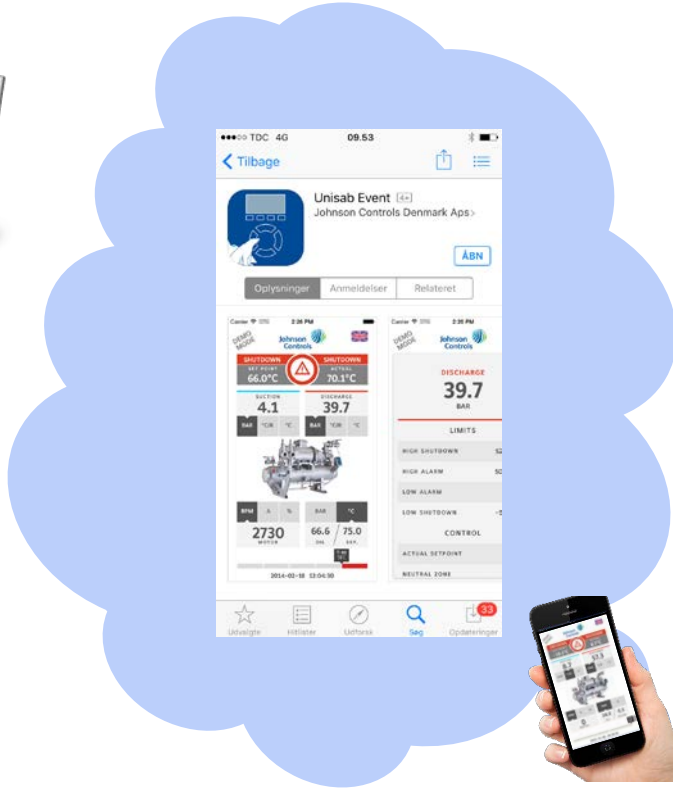
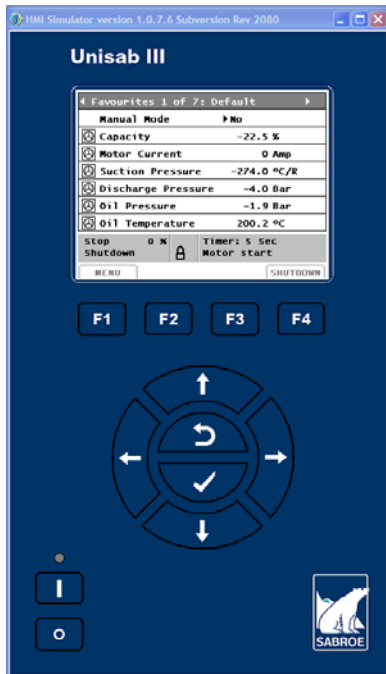
SABROE BY JOHNSON CONTROLS

R717 SMC/CMO



Unisab III Informs you ...

Complimentary software
for Windows



Complimentary apps for
smartphones and tablets

Unisab III Retrofit packages



Unisab III retrofit kits

The benefits and advantages of a modern monitoring and control system are available as upgrade packages for existing compressors

Retrofit kits are available for:

- Sabroe
- Frick
- Stal
- Gram
- and competitor brands

