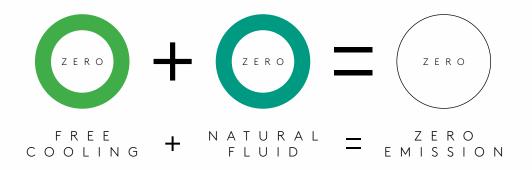




### **TITAN Zero Hi FC**

Full inverter free cooling chiller with natural refrigerant **260÷450** kW





# TITAN Zero Hi FC

NATURAL FREE COOLING CHILLER



Air cooled chiller with free cooling technology.

- Full Inverter reciprocating Compressors .
- Durable Units for any Application.
- Heavy duty design philosophy.
- Low Refrigerant Charge.
- Top energy saving thanks to premium FC water coil.
- Glycol free on user side (option).



# CLIMATE SEUROPEAN CHANGE FIGHT CLIMATE STRATEGY

### **TARGET**

Reduction of 55% Greenhouse Gas emission by 2030

Increased renewable energy (above **32%**) by **2030** 

Net-zero Greenhouse Gas Emission by 2050



### HOW?

F-gas regulation Regulation

Renewable Energy Directive

European Performance of Buildings Directive (EPBD)

Ecodesign **ERP** Directive

Keep temperature increase below 1.5°C

Become a climate neutral economy



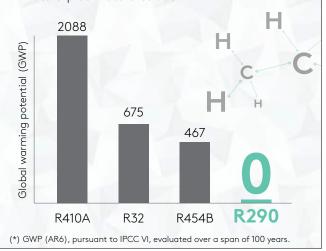
- Nearly zero Global Warming Potential (GWP≈0\*)
- No Ozone Layer impact
- Natural fluid
- Excellent thermodynamic properties
- -40% gas charge compare to R410A

#### **RELIABLE CHOICE**

- Long lasting reciprocating compressor with inverter technology
- Implementation of the highest safety standard

#### **SMART CHOICE**

- No carbon tax or refrigerant tax
- Pushed by incentive schemes
- Future-proof natural solution



## FREE COOLING

A STEP FORWARD SUSTAINABILITY

#### MODULAR COILS DESIGN

Condensing and free cooling coils are completely inde-

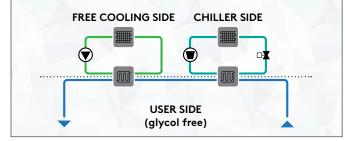
- Each coil is designed independently
- Low air pressure drops, low power absorbed by fan
- Optimized Condensing and Free cooling control
- Easy coils maintenance

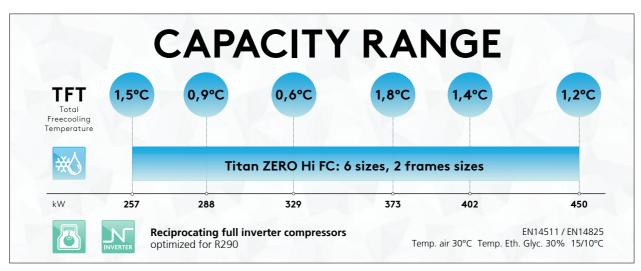


### **GLYCOL FREE VERSION**

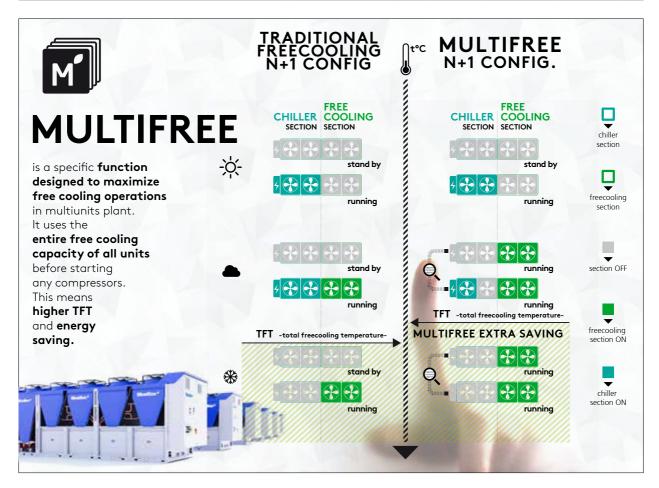
Allows to separate freecooling circuit, with glycol, from user side circuit:

- suitable for plant where glycol mixtures are not allowed
- safe operation e.g. in case of leakages
- cost saving: circuit's filling and safety arrangements







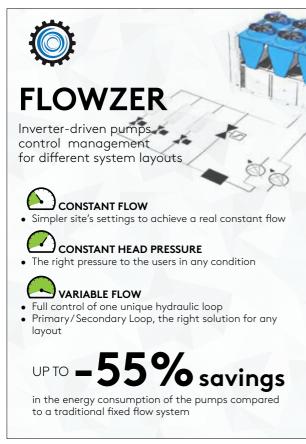


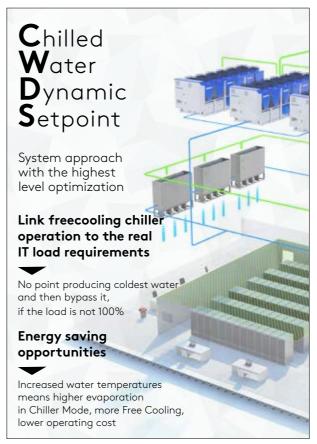


Monitoring, performance reports, full management.

Blue Box control platform allows a total access to the machine from any device, in complete autonomy.







## Swegon INSIDE

Digital services platform

- Remote monitoring, control and diagnostic
- Machine learning models for predictive maintenance
- Performance reports generation
- Energy consumption monitoring
- Alarms subscription management



#### **INSIDE Portal**

Monitor your Swegon products with real-time values and energy reports.



#### **INSIDE Connect**

Communication unit for mobile remote access to intelligent climate systems.

#### **INSIDE Manager**

Improve the performance and operational efficiency of units through remote diagnostics and preventive maintenance.

# Feel good **inside**

