



**Lowers operating costs**

**Easy to install, commission and control**

**Increases energy efficiency in heating and cooling systems**

# NoXygen C6100<sup>®</sup> Modbus

Adapted for high system pressures (4 to 10 bar)

TTM NoXygen C6100 is a fully automatic vacuum degasser for heating and cooling systems that can be connected for control, regulation and monitoring via Modbus RTU. Energy losses, corrosion and sound problems in the systems are mainly caused by a high gas concentration in the system fluid.

TTM NoXygen C6100 prevents above stated problems by using an effective method that keeps the system free of gases that gives higher energy efficiency, lower maintenance cost and longer lifetime of the system components.

TTM NoXygen can be installed in both existing and new systems.

TTM NoXygen is environmentally assessed according to a Swedish Standard.

## Installation benefits:

- Easy to install, commission and control
- Quick degassing function
- Can be installed in both small and large systems.

## Operational benefits:

- Reduces operating costs
- Prevents corrosion of system components
- No need to vent radiators
- Increases energy efficiency of heating and cooling systems
- Minimises noise problems in heating and cooling systems
- Stable and easy adjustment
- Removes gases from the system fluid
- Prevents degradation of refrigerant liquids
- The automation for control, regulation and monitoring is connected via Modbus-RTU.

Modell	NoXygen® C6100 Modbus
Artikelnummer	519461
RSK	-
Connection to DUC	Modbus RTU (RS485)
Operating range, system pressure in connection point	Min 4 bar Max 10 bar
Medium temperature (°C)	0 – +70 °C
Ambient temperature (°C)	0 – +40°C
Capacity, degassed fluid	Min. 250 l/h
Permitted fluids	Water and deionised water, ethanol less than 30 vol%
Internal Fuse (A)	10 A
Energy consumption	56 kWh/year* Operation with 30 days of quick degassing results in an energy consumption of 199 kWh the first year.
Noise level (dB)	61 DB
Weight	60 kg
Electrical data / Voltage	3 × 400V, 50 Hz
Pressure class (PN)	PN16
Dims. (WxHxD) mm	600 × 1150 × 350
Rated power (kW)	1,5 kW
Rated current (A)	3,14 A

