



TCP2SNMP Converter

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Accessories for CoolTeg Plus units

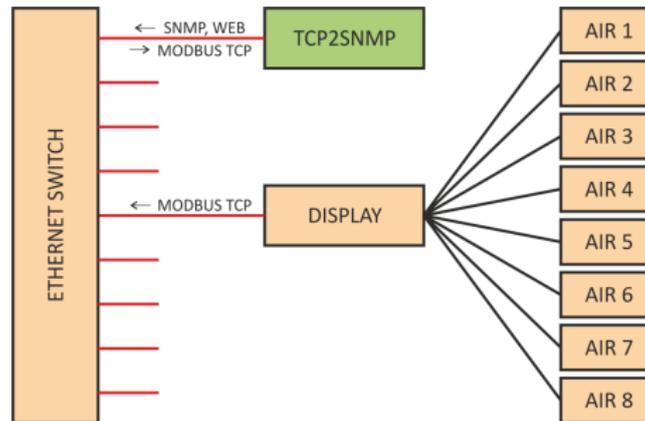


Application

The TCP2SNMP Converter connects to the color touchscreen display installed on the CoolTeg Plus air conditioning unit, sending data about the operation of the unit connected in one zone through the Data Transfer via Modbus TCP/IP protocol. Monitoring is available for up to eight CoolTeg Plus air conditioning units through the color touch-screen display. The TCP2SNMP is designed for conversion from Modbus TCP/IP to SNMP protocol, and into a web user interface with its own IP address. The web application is sorted into several tabs. An MIB table is directly downloadable from the TCP2SNMP – (see tab Info).

Connecting the Converter

This package contains power adapter and a TCP2SNMP converter, which can be mounted onto a DIN rail. The converter is linked to an ethernet switch (not supplied) by UTP cable with RJ45 connectors, along with a touch screen display located on the door of the CoolTeg Plus unit. The display has a connection to the bottom side of the electric box inside the air conditioning unit, labeled BMS.



Block-wiring diagram

Web interface

Value	Current value	Settings
Status		
Unit on	Off	
Main switch on	Off	
Top outlet temperature	19.6 °C	
Bottom outlet temperature	20.9 °C	
Top inlet temperature	19.3 °C	
Bottom inlet temperature	20.2 °C	
Temperature setpoint	0.0 °C	18
Fan speed	78.0 %	
Cooling capacity	0.0 %	
Alarm high outlet temperature	Ok	<input type="checkbox"/> <input type="checkbox"/>
Fans alarm	Ok	<input type="checkbox"/> <input type="checkbox"/>
Humidifier alarm	Ok	<input type="checkbox"/> <input type="checkbox"/>
Outlet relative humidity	36.3 %	
Inlet relative humidity	36.5 %	
Alarm low outlet temperature	Alarm	<input checked="" type="checkbox"/> <input type="checkbox"/>
Alarm high outlet humidity	Alarm	<input checked="" type="checkbox"/> <input type="checkbox"/>
Alarm low outlet humidity	Ok	<input checked="" type="checkbox"/> <input type="checkbox"/>
Fan 1 alarm	Ok	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Fan 2 alarm	Alarm	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

Sample web interface