



ELECTROMACH

STAHL

THE STRONGEST LINK.

EXSYS COOL SERIES 8701

Zone 1 Air-conditioning

AS SAFE AS EVER FASTER THAN EVER BEFORE

AVAILABLE AT SHORT NOTICE – EXSYS COOL SERIES 8701.
WE NOW OFFER SELECTED UNITS FOR TYPICAL APPLICATIONS
WITH SHORT DELIVERY TIME.

R. STAHL ELECTROMACH is your one-stop-shop for explosion protection, from components to customized solutions. As a leading supplier of hazardous area solutions, our compact explosion protected air-conditioning units ExSys Cool series 8701 are the solution for every application in hazardous areas. Together with our dedicated service organisation we can offer global support.

The air-conditioning units are ATEX (DEKRA 20ATEX0116) and IECEx (IECEx DEK 20.0068) Zone 1 certified and suitable for control rooms, control panels (Ex e), accommodations, pressurized panels (Ex p), analyser houses, workshop cabins, operator cabins, driller cabins and containerized solutions. The ExSys Cool series 8701 air-conditioning units are fully explosion protected on the in- and outside and are available from 4 kW up to 6 kW within an ambient range of -40°C up to +60°C.



Features

- Automatic cooling power adjustment at different conditions.
- Component certified for Ex e and Ex p housings.
- Easy installation, no set up required.
- Balanced design allows direct surface mounting without additional support.
- Future proof by use of low Global Warming Point (GWP) refrigerant.
- Design by experienced explosion protection experts.
- Optional corrosive environment protection.
- After sales service available.

In case of large orders, we ask for prior clarification of the delivery time, in this case we reserve the right to make adjustments.
The complete range of our products, system solutions and services can be found on our website at www.r-stahl.com.

ADD-ONS AND VARIANTS FOR EXSYS COOL

Fan Box



A Fan Box is a ventilation system designed to obtain an overpressure inside a room or containerized solution. It is equipped with its own control system, executed in a CUBEx series 8264 enclosure. For more reliability the ventilation system can be redundantly executed.

Control panel CUBEx series 8264



Control panel CUBEx series 8264 is a flameproof (Zone 1) enclosure for the control system used in the air-conditioning unit or fan box system. It is executed in marine grade aluminium and optional deliverable in stainless steel 316. The control panel can be equipped with all the controls for cooling, heating and pressurization.

Electric heating



Electric heating can be supplied as part of the fan box system for pre-heating fresh air by a duct heater. It can also be supplied as part of the air-conditioning unit through a floor or wall mounted space heater.

Condensing unit type 8701/2



Condensing unit type 8701/2 is used in split-type air-conditioning systems. It will be installed in an outdoor Zone 1 environment and will be connected by refrigerant lines to an indoor evaporating unit located in non-hazardous area. The system is equipped with a separate control panel.



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