

Thermal Management solutions for enclosures

PRODUCT OVERVIEW



Edition ■ 2022/2

Fandis. Solutions for enclosures



Fandis offers different solutions to satisfy enclosure needs:

--> VENTILATION SYSTEMS
--> AMBIENT CONTROL SYSTEMS

--> CLIMATE CONTROL SYSTEMS
--> ELECTRO-TECHNICAL SYSTEMS

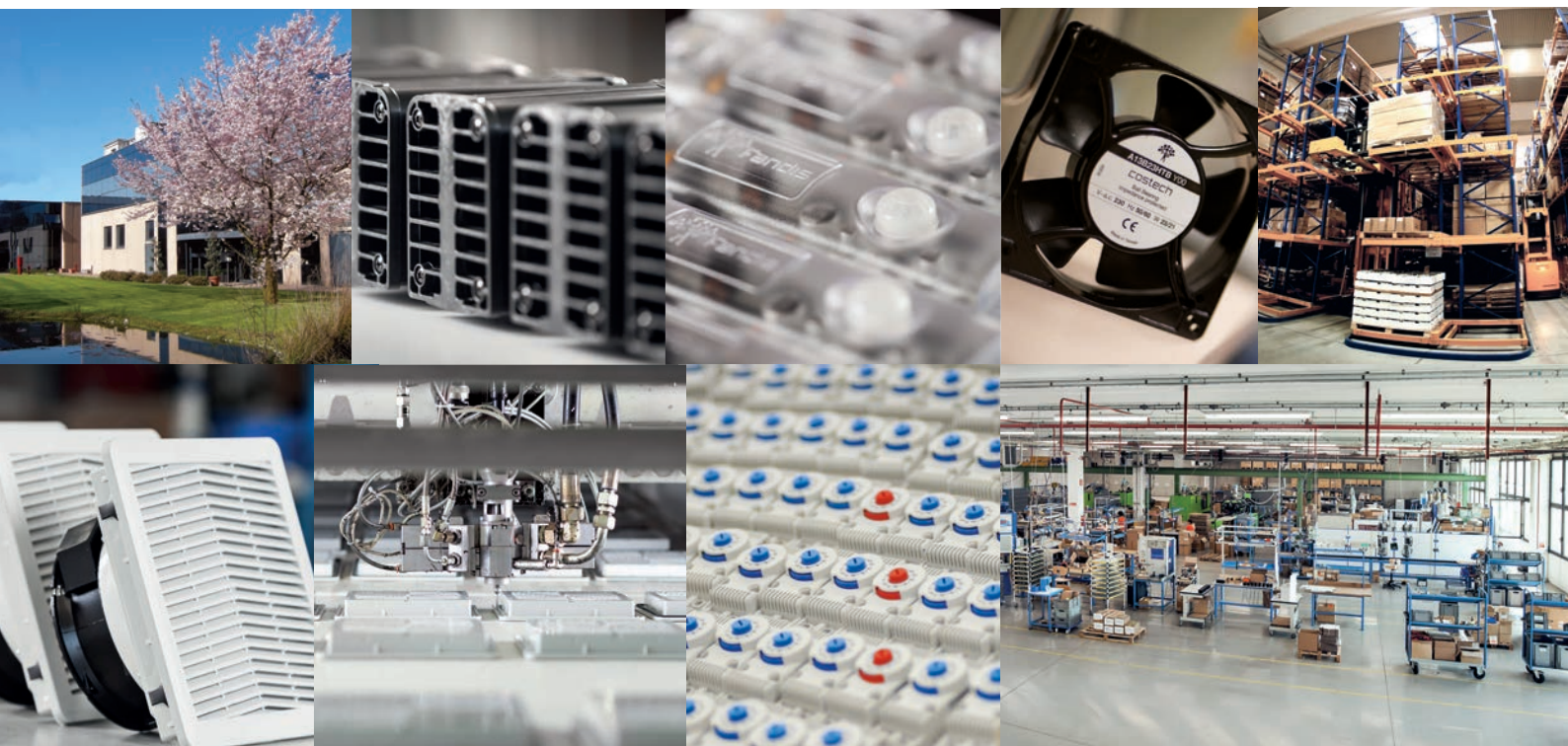


Fandis S.p.A. is an international point of reference for temperature control and management systems (thermal solutions) in industrial and professional fields.

Lake Maggiore and the Ticino Park are the backdrop for this Italian production and customer-oriented company, characterized by high versatility due to its significant knowledge and experience in the technical and sales fields.

The Company has always created, designed and marketed products and solutions with high technological value in the sectors of reference – industrial automation, electronics, heating, conditioning and cooling.

Fandis today, thanks to experience gained over many years of activity, represents a valuable partner, able to assist its customers with professionalism and work in synergy to offer technically valid and targeted solutions of real competitive advantage.



Filter Fans

viridis

Effective cooling solution with filtered ambient air



FF SERIES EXHAUST FILTERS AND FILTER FANS

Tool-free mounting system with clips, quick screwless wiring system, slide mechanism for easy replacement of the filter media. Available in Type 12, Type 3R, IP54/55 and EMC versions.



GF SERIES EXHAUST FILTERS AND FILTER FANS

Fixing system with jacks for thick wall applications in both plastic and plate enclosures and hinged opening of the cover. IP54.

Compact Fans

esmeris

Air moving and spot cooling solutions for temperature sensitive applications



AXIAL AND CENTRIFUGAL FRAME FANS

Compact fans with AC shaded pole or capacitor and with brushless DC motor. Available with wire or terminal electrical connection, with or without casing and with alarm or tachometer signal.



EC FRAME FANS

EC motors assures energy efficiency, quiet operation and high performances.

AMBIENT CONTROL SYSTEMS

Regulators

orangis

Solution for thermal control and regulation



SINGLE THERMOSTATS

Temperature regulators used also for controlling filter fans and heaters. Available with normally closed, normally open and change-over contact, as well as with °C or °F scale.



TWIN THERMOSTATS

Two independently switchable devices within one compact unit, allowing the simultaneous control of heating and cooling equipment. Version in °C or °F scale.

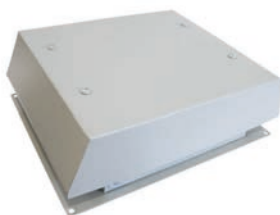




new

TP SERIES ROOF EXHAUST UNITS

Plastic structure with aluminum top. Ideal for indoor use in constricted spaces. Available in natural convection or forced ventilation version in AC and DC (24 e 48V). Type 12, IP24/44/54/55.



new

T SERIES ROOF EXHAUST UNITS

Metallic structure and painted steel casing, IP23. Available also in high performance and IP54 version.



ACCESSORIES

Filter media with high arrestance efficiency, adapter for reducing the mounting depth of filter fans, stainless steel Type 4X and RAL7035 powder coated hose-proof protection hood (IP56).



SPECIAL FRAME FANS

Fans tested to withstand harsh environmental and working conditions: dustproof and water jet resistance, high temperature resistant and corrosion resistant (all metal construction).



ACCESSORIES

Metal or plastic fan guards and filters, rivets for fan and guard mounting, fan power leads for quick electrical connection.



HYGROSTATS

Humidity regulators that prevent condensation forming on electrical components if combined with heaters or cooling devices.



new

SENSIS

IIoT device for the enclosure climate control, predictive maintenance and inter-operability with the main fieldbuses.
+ Accessories



Anti-condensation Heaters

FUCSIS

Solution for condensation and corrosion protection



H SERIES HEATERS WITH CABLE OR TERMINAL BLOCK

Insulated heaters allow natural convection and are available with screwless terminal block or 500mm cable. Models from 5 to 150W.



H SERIES HEATERS WITH FAN

The fan-equipped heaters ensure quick distribution of heat and a uniform temperature inside the enclosure. Models from 200 to 300W with thermal protection.



Cooling Units

bordos

Solution for air cooling and dehumidifying



THERMOELECTRIC UNITS

Solid state heat pumps with Peltier technology for the climate control of small enclosures. No compressor or moving part (except the fans), no hazardous gases and not sensitive to vibrations. AC and DC versions.



ACCESSORIES

Condensation drip tray for thermoelectric units in stainless steel.

ELECTRO-TECHNICAL SYSTEMS

LED Lights

lumeis

Optimum lighting solution at low energy consumption



FLL SERIES LED LIGHTS

AC, DC or multi-voltage lights with ON/OFF switch or PIR sensor, swiveling system to direct light beam and optional magnetic fastening. Quick connection by screwless wiring system or Wieland.
+ Accessories (magnets kit, connectors)



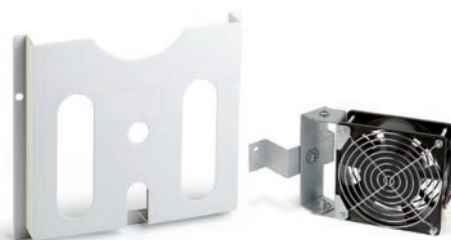
CLG-L SERIES LED LIGHTS

AC lamps with ON/OFF switch, available with different lengths and luminous flux.

Enclosure Components

indacus

Further solutions for
equipping electrical
cabinet



ENCLOSURE ACCESSORIES

A4 Document holder, directional fan,
with vertical or horizontal position,
to prevent hot spots inside the cabinet.



DOOR LIMIT SWITCHES

Devices mechanically activated to
switch on the light or disconnect live
voltage inside the cabinet to facilitate
maintenance operations.



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QUALITY SYSTEM
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