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T-ONE

COMPACT PRESSURIZATION SYSTEM

Sistema di pressurizzazione compatto



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INDUSTRIAL
INDUSTRIALE

SPACE SAVER AND NOISLESS

The compact T-ONE is an exclusive and patented electronic pressurization system created by SAER. The innovative technology is created by the insertion of a submersible electric pump into a stainless steel tank which, driven by electronic equipment, can maintain a consistent delivery of pressure, regardless of the demanded flow, ensuring low noises levels. The T-ONE can be assembled in groups and is battery operated. The device is multi functioning and the inverters feature communication via Bluetooth®, ensuring continuity of service whilst saving energy.

MAI PIU' PROBLEMI DI SPAZIO O RUMOROSITA'



Il sistema di pressurizzazione T-ONE è il primo sistema di pressurizzazione compatto, elettronico, modulare creato da Saer. T-ONE è composto da un'elettropompa sommersa inserita in un serbatoio in acciaio inox, che, comandata da un'apparecchiatura elettronica mantiene costante la pressione in uscita indipendentemente dalla richiesta di portata e con minimi livelli di rumorosità. T-ONE funziona anche in modalità multipompa con Bluetooth®, assicurando continuità di servizio e risparmio energetico.



 MADE IN ITALY

SAER[®]
ELETTROPOMPE

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Keeping pressure up and noise down

Maintaining continual pressure from a water tank, particularly at times of heavy demand, can be a major challenge. But this has been overcome thanks to new technology from Italian manufacturer SAER. The T-ONE pressurization system combines innovative technology with flexibility and low running costs while ensuring the delivery of consistent pressure regardless of how great the flow demand may be.

Gaining new ground and market share in the field of electronic pressurization was the task faced by SAER and the result was the T-ONE. This breakthrough technology involves inserting a submersible electric pump into a stainless steel tank.

The system can be assembled in groups and is battery operated. At the same time it is multi-functioning and the inverters feature communication via Bluetooth, ensuring continuity of service whilst saving energy.

Its main features include a compact design featuring in-line installation, eliminating the need for securing units to the floor. Additional modules can be connected at any time and interact with each other via Bluetooth, eliminating the need for potentially intrusive wiring.

Up to eight modules can be operated at the same time but this does not mean the system is noisy. In fact, SAER engineers deliberately put quiet operation at the top of the priority list when it came to creating the T-ONE.

Highly efficient

The module operates at a low 60 dB and the inverter possesses N596 pumps, making it highly efficient. And that also means it is energy efficient with the system containing automatic regulation while safety is of paramount importance with all the necessary protections built in.

Five sizes are available meaning the system can be adapted to a wide range of applications and performance needs.

But in general the system is compact enough to free up space and keep high traffic areas clear. Similarly, installation is easily and quickly achieved while programming is simple and intuitive. The built-in

Saer Elettropompe has manufactured electric water pumps since 1951 as well as motors in the civil, industrial, agricultural and domestic sectors. They have a wide range of applications from firefighting to air conditioning, naval uses and in mining, making the company one of the leaders in the clear water technology field. The company has its operations concentrated in Italy. They include internal research and development, quality control and technical and sales support. SAER also has a network of distributors supplying 120 countries around the world making it a leading producer of pumps and submersible motors.

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monitor displays critical information about pressure.

So how is pressure maintained in the T-ONE even when flow demand is high? A key feature is that when multiple pumps are running, they are switched over automatically and dynamically by the system. The units can be compiled in groups of eight and in case one pump fails, operation will continue seamlessly as the others kick in, guaranteeing consistency of operation.

T-ONE was launched during the EIMA exhibition in Bologna and at the Big 5 in Dubai with an overwhelmingly positive response.

The T-ONE combination of innovation and practicality means it fits perfectly with the SAER design philosophy. Like the rest of the SAER range, it is manufactured

entirely in Italy which is seen as a key selling point dictated by the need to offer the marketplace a quality product distinguished by excellence and professionalism.

Research and development allows the company to react to new developments in the market and offer precisely engineered solutions to its global market.

The T-ONE is part of a range which includes normalized pumps, submersible pumps, vertical and horizontal multi-stage and split casing pumps. ●

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Fig 1. Up to eight modules can be used depending on individual requirements.



Fig 2. The T-ONE features breakthrough technology.