

A new way to manage your system

Maximum **energy saving**, **prompt response to changes in pressure** or **temperature**, **reduction on operating cost**, and **acoustic comfort** are the characteristics that you expect when using a system managed by inverter.

Responding to these expectations, EBARA introduce a new product: E-SPD.

Not only a new inverter, but a new possibility to manage a system that joins the products already introduced in EBARA range.

E-SPD is an inverter with air cooling, that could be installed on the terminal box, that have the features necessary to **satisfy all requirements**:



Easy: E-SPD is easy and intuitive, with terminal box mounting and easy connection, along with the easy to use start up wizard to save time.



Flexibility: E-SPD can be adapted to a wide range of EBARA centrifugal pumps including both horizontal and vertical (Please Contact our Sales Network for more details).



Versatility: E-SPD can be either mounted directly on the terminal box of ETM or EBARA branded motors, or wall mounted with the optional wall bracket



Visibility: E-SPD has a large LCD display that can indicate important performance data, system parameters and alarm notifications.



Safety: E-SPD provides both protection for the motor and the pump preventing common problems like overcurrent, overheating, voltage protection, dry running and water leaks.



Connectivity: E-SPD can offer multiple connections with 2 digital inputs and outputs as standard, along with 1 analogue input and dedicated communication port for linking up to 8 inverters for multiple pump systems.

E-SPD

Control units for pumps with inverter technology

E-SPD is the new inverter introduced by EBARA to expand the possibility of choosing control system available both for residential applications, both for irrigation and industrial use.

E-SPD is an inverter with air cooling, to be installed directly on terminal box of the EBARA motors, it has all the characteristics to satisfy all customer needs.



Technical data

Frequency 50-60 Hz (+/-2%)

Max. ambient temperature 40°C

Insulation class F

Protection degree IP55



High efficiency



Easy to install



Reliable and easy to use

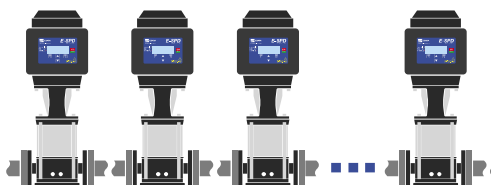
NEW

Model	Code	Max. output curr. (motor) [A]	kW	Main supply V_{in}	Motor output V_{out}
E-SPD MT 2200	362425000	11	2,2	1~230	3~230
E-SPD TT 4000	362425001	11	4	3~400	3~400

Accessory box for inverter installation is included (cables, screws, cable caps, ferrite and motor adaptors)

Accessories

Model	Code
Pressure transmitter 10 bar 4-20 mA	362426001
Trasduttore di pressione 16 bar 4-20 mA	460500024
Trasduttore di pressione 25 bar 4-20 mA	460500025
Wall mounting kit	362426003



**Parallel operation
up to 8 pumps**