



# PRESSURE UNITS

## CIVIL AND INDUSTRIAL USE



[DABPUMPS.COM](http://DABPUMPS.COM)



**DAB**<sup>®</sup>  
WATER • TECHNOLOGY

## DAB AND PRESSURE UNITS

With **over 2 million items produced every year**, DAB electric pumps are synonym of technology and reliability. Established in 1975, DAB PUMPS is today **an international point of reference in the water movement sector**.

The careful selection of materials and the approval procedures applied to each line before production release, ensure both product **resistance and maximum performance levels**.

During the last years DAB has invested resources, passion and energy, acquiring companies with different specific skills, from electronics to motors.

All this has allowed us to present ourselves as a solid partner capable of offering **solutions designed and created entirely in Italy** that can meet the needs of modern technical engineering.



## WHY CHOOSE DAB PRESSURE UNITS

**Long-standing leading market products fully built and developed by DAB; reliable, efficient and easy to maintain.** These are the fundamental characteristics that make our pressure units the right choice for designers, installers and maintenance engineers.



## CIVIL APPLICATION



### FIXED SPEED

Pressure units designed for domestic, residential, civil and commercial pressurization applications. Ideal for increasing water pressure.



### VARIABLE SPEED - CONSTANT PRESSURE

Pressure units with inverter, designed for pressurization, gardening and irrigation in domestic, residential, civil and commercial applications. Also used in agriculture for sprinkler system irrigation.

#### HORIZONTAL PUMPS

|                          |                            |
|--------------------------|----------------------------|
| Max head                 | up to 85 m                 |
| Max flow rate            | up to 20 m <sup>3</sup> /h |
| Liquid temperature range | from -10 to +90 °C         |
| Max operating pressure   | 12 bar                     |

#### VERTICAL PUMPS

|                          |                            |
|--------------------------|----------------------------|
| Max head                 | up to 120 m                |
| Max flow rate            | up to 40 m <sup>3</sup> /h |
| Liquid temperature range | from -10 to +90 °C         |
| Max operating pressure   | 16 bar                     |



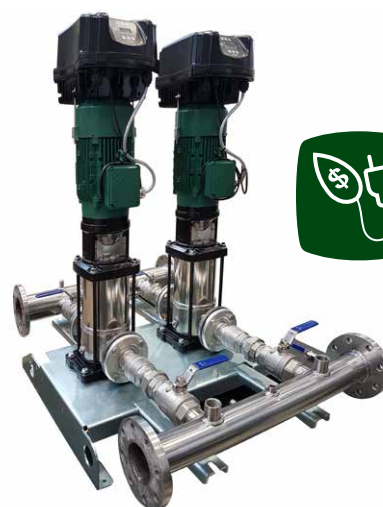
## INDUSTRIAL APPLICATION



### FIXED SPEED

Pressure units designed for the recirculation of water in heating systems, pressurization and irrigation applications in civil and commercial environments and in agriculture.

| HORIZONTAL PUMPS         |                             |
|--------------------------|-----------------------------|
| Max head                 | up to 90 m                  |
| Max flow rate            | up to 720 m <sup>3</sup> /h |
| Liquid temperature range | from -15 to +70 °C          |
| Max operating pressure   | 16 bar                      |



### VARIABLE SPEED - CONSTANT PRESSURE

Pressure units with inverter, designed for pressurization applications in civil and commercial environments and for irrigation, also for the agricultural sector.

| VERTICAL PUMPS           |                             |
|--------------------------|-----------------------------|
| Max head                 | up to 145 m                 |
| Max flow rate            | up to 280 m <sup>3</sup> /h |
| Liquid temperature range | from -15 to +120 °C         |
| Max operating pressure   | 16 bar                      |

## RAIN WATER REUSE



### PRESSURIZATION UNITS FOR RAINWATER RECOVERY SYSTEMS

Pressure units designed for the recycling and management of rain water, gardening activities, irrigation and pressurization in domestic, residential, civil and commercial applications.

| HORIZONTAL PUMPS         |                            |
|--------------------------|----------------------------|
| Max head                 | up to 60 m                 |
| Max flow rate            | up to 14 m <sup>3</sup> /h |
| Liquid temperature range | from 0 to +40 °C           |
| Max operating pressure   | 5,5 bar                    |



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