

Irrigation



BERMAD Irrigation

Concise Brochure

Water Control Solutions



Why BERMAD

■ BERMAD

A world leader in hydraulic control solutions for the irrigation market, with a comprehensive range of products covering every need.

■ A History of Success, A Future of Innovation

Backed by 47 years of worldwide success, and still driven by future-oriented innovation.

■ A GLOCAL Mindset

We operate globally but work on the ground with local knowledge and understanding.

■ Customers Come First

We are deeply committed to providing our customers and partners with hands-on professional support.

■ In Tune with the Environment

Our advanced production lines turn out plastic products that are environmentally friendly.

■ BERMAD – A Name You Can Trust

We know the value of a single drop of water!



Water Control Solutions

Main Network

- Reservoirs
- Pumping Stations
- Pressure Reducing & Pressure Relief
- Pressure Relief/Sustaining
- Filter Stations
- Air Valves
- Fertilizing Stations

Irrigation Control Head

- On/Off Control
- Pressure Reducing
- Pressure Relief
- Flow Control
- Pressure Sustaining
- Filter Stations
- Air Valves

Infield Head-Works

- On/Off Control
- Pressure Reducing, Standard
- Pressure Reducing, Drip-Tape
- Pressure Reducing & Sustaining
- Pressure Sustaining
- Flow Control
- Flow Control & Pressure Reducing
- Air Valves

Infield System

- Pressure Reducing
- Anti-Drain
- Flush-'n-Stop

100 Series



Ultimate IR Plastic valves, optimized hYflow and mechanic design,superb regulation performances and long term durability due to high cavitation and chemicals resistance, multiple configurations and endless connection options.

900 Series



“All-in-One” Hydrometers, integrating both a vertical Woltman-type water meter and an outstanding control valve.

Air Valves Series



Most advanced Air Valves for a wide range of irrigation schemes offering: Higher flow rates, very low pressure sealing, built-in surge protection, compact structure, easy installation.

Adaptors & End Connections



Full on-site flexibility to apply 100 Series valves with any required combination of end connectors. All options are sealing tape free and provide simple installation on any standard line.



200 Series



The most reliable Plastic hydraulic valves in the market providing internal self-cleaning and tubeless control circuit.

350 Series



Hydraulic Double Chamber Filters Backflush valves with removable actuator unit, low pressure sealing & smooth flow direction changing.

700 Series



PN25 Double Chamber control valves with removable actuator unit, hydraulically powered opening & closing.

400 Series



Metal hydro-dynamic globe control valves with innovative elastomeric diaphragm assembly - balanced, dynamically restrained and peripherally supported.

Turbo-IR-A Series



Water meters ideal for Irrigation, with top mounted multi-blade paddle providing metering accuracy in water containing solid debris.

PRV Series



Adjustable Direct Acting Pressure Reducers with rolling diaphragm that Isolates mechanism from flow & minimizes friction, providing accurate reliable control.

Pilots & Relays

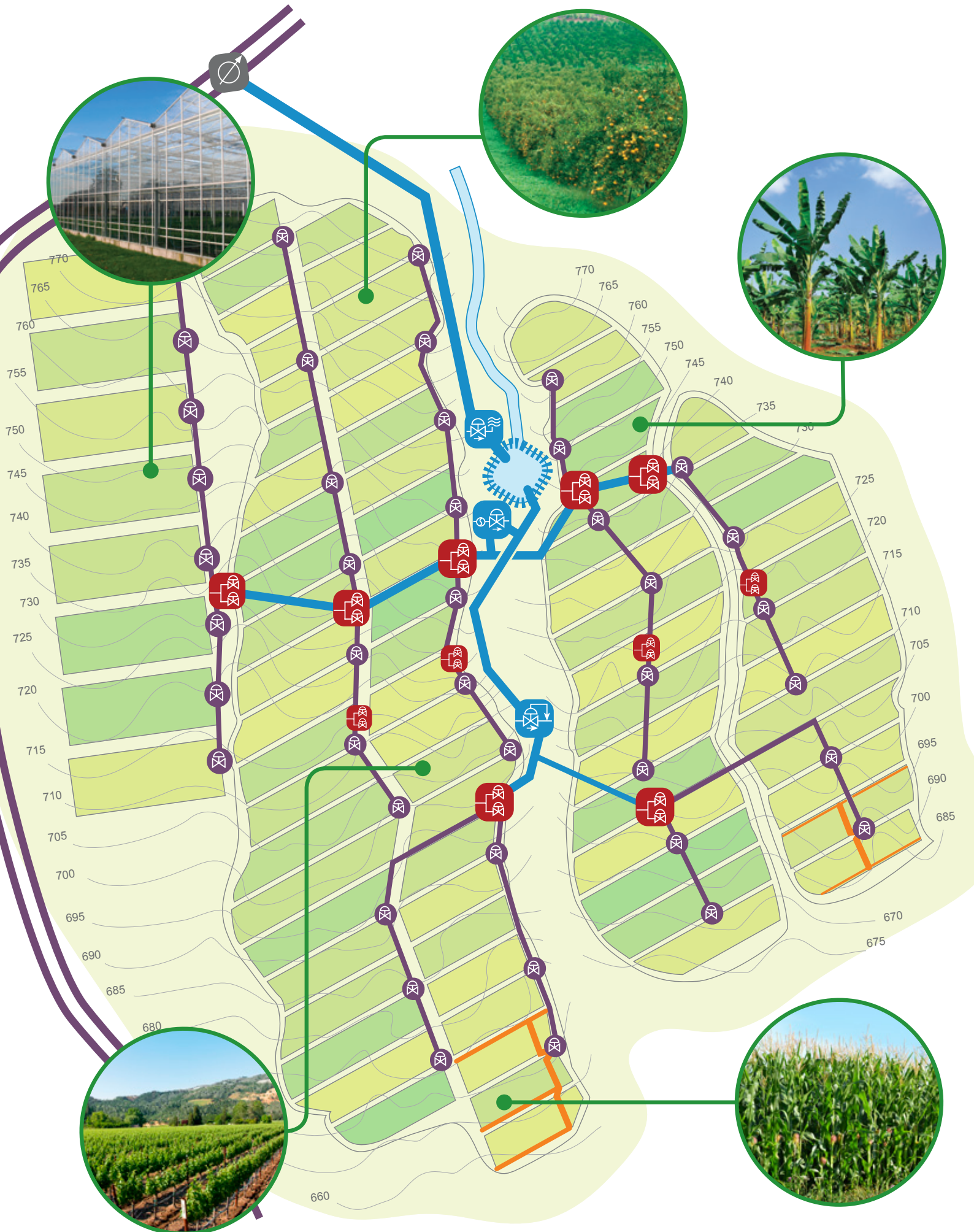


A variety of 2-Way and 3-Way pilots and control accessories, providing all control features required for irrigation projects, for efficient, cost effective and reliable irrigation control.

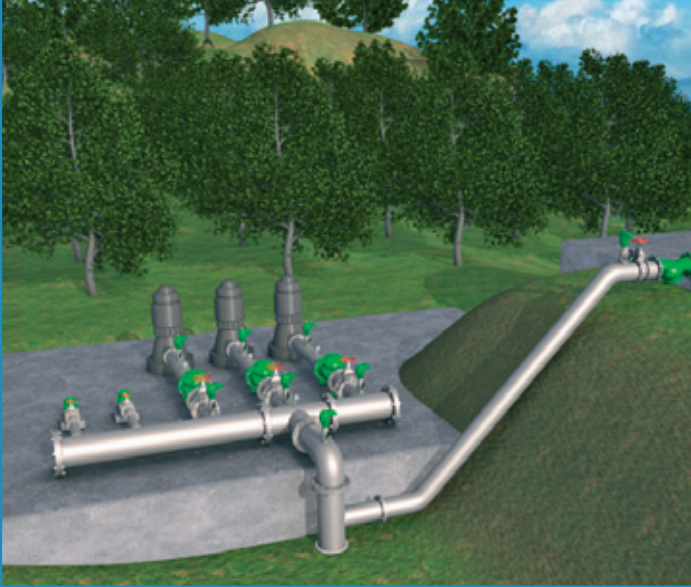
Solenoids



A wide range of compact 2-Way and 3-Way Solenoids, specially designed for reliable long life service in irrigation systems, complying with all common Continuous Current or Battery Operated Latch Controllers.



Main Network



Bermad Valves continuously control water and air pressure, flow, level and velocity, to achieve balanced and restrained hydraulic behavior, maximizing irrigation system efficiency reliability and durability.

Irrigation Control Head



The Irrigation Control Head marks the point where the main network transforms into an irrigation system. To obtain system design requirements Bermad offers the widest range of valves and applications provide water metering, demand and pressure maintaining, pressure zoning, differentiation of irrigation regimes, eliminating air problems, controlling central fertilization and filtration systems and more.

Infield Head-Works



Located at the entrance to the distribution lines and laterals, the Infield Head-Works serves as the system's final control. Including a range of multi-features remote control valves, governed by the irrigation controller, the Infield Head-Works Controls irrigation shifts, applies water metering abilities, maintains pre-designed system flow & pressure, establishes pressure zones to protect the laterals, Incorporates local fertilization arrangements and final filtration solutions.

Infield Systems



Systems irrigated by non-compensated emitters, systems with high elevation differential, systems with turbid water and systems including sloppy margins require additional control before being applied directly to the distribution lines. Some of the most common components in the Infield System are: Direct acting pressure reducers, pressure reducing valves with or without On/Off remote control, Flush-'n-Stop valves and Anti-Drain valves.

BERMAD Worldwide

With representation on every continent and across some 86 countries, BERMAD is an undisputed world leader in control valves, maintaining broad training and parts distribution networks all over the globe. Wherever your location, BERMAD is there.



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Fire Protection


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