

HORTI VALVE 3-WAY

control valve powered by Hora



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Description

The Horti Valve is a high-quality control valve developed in collaboration with Hora. Hora is a renowned German family-owned company specializing in control valves for the industry and offshore sector, among others.

The Horti Valve features excellent and reliable control characteristics. Moreover, the control valve is available in a complete series to optimally regulate your climate.

3-way control valve

The Horti Valve 3-way control valve is available from DN15 up to DN300 and has been specifically configured for Van der Ende Group for use in heating and cooling technology in greenhouse horticulture. Depending on the flow rate, the control valves are equipped with either PN6 or PN16 flange connections.

Control valve specifications

The Horti Valve is suitable for heating systems in horticulture, utilities, and industry for cold and hot water (max. 50% glycol), with a temperature range from 0 to 150 °C. The control valve, with optional shaft heating, is suitable for water with antifreeze addition down to -10 °C. Above 130 °C, the valves must be mounted in a horizontal position.

- o Number of ports: 3-way
- o Nominal diameter: DN15-DN200, DN250-DN300 (on request)
- o Pressure rating:
 - DN15 through DN100: PN6
 - DN125 & DN300: PN16
- o KVS values: 4-1600
- o Leakage percentage: EN 1349 - seat leakage VI G 1 (tight sealing)
- o Material:
 - Body: cast iron EN-JL 1040
 - Plug: brass CW614N (DN15- DN100), stainless steel 1.4021 (DN125-DN150), stainless steel 1.4057 (DN200)
 - Shaft: CrMo steel 1.4122
 - Shaft seal: O-ring EPDM

