

## Water supply

### PRESSURE BOOSTER SYSTEM WDS 300

Contains pressure vessel 300l, pump with 240 l/min delivery rate, pressure switch DS1, flow switch DFW, pressure switch DS3, high pressure hose and pump control.

Item number: 3005700



### PRESSURE BOOSTER SYSTEM WDS 600

Contains pressure vessel 500l, pump with 240 l/min delivery rate, pressure switch DS1, flow switch DFW, pressure switch DS3, high pressure hose and pump control.

Item number: 3010700



### PRESSURE BOOSTER SYSTEM WDS 600/1

Contains pressure vessel 500l, pump with 360 l/min delivery rate, pressure switch DS1, flow switch DFW, pressure switch DS3, high pressure hose and pump control.

Item number: 3015703



## PRESSURE BOOSTER SYSTEM WDS 100

Max. Max. Flow rate 120 l / min, 2200 W, 400 V, 16 A

Incl. DS1 and DFW

Dimensions: (1005 x 1005 x 500) mm

If only using SP1D-R max. 5 lines with direct water connection at a flowing pressure of min. 0.5 bar at 120 l / min or with feed tank.

The tube dimensions should be selected so that the pressure loss is max. 1.5 bar. For example, 20 m DN 32 at 10 m height of the extinguishing using WDS 100.

For use only after previous arrangement with T & B!

Item number: 3001707



## TEMPERATURE SENSOR FOR PUMP

Optional temperature monitoring of the pump for an early alarm in the event of overheating due to continuous operation.

Item number: 3025704



## WATER TANK "ROUND" 600L

### FOR WDS 300 / WDS 600 / WDS 100

To ensure the required flow rate of the pump.

Bottom flat, standing all over.

Closed version, with inspection opening d400 with plug-in cover in the roof.

Material: PE100 made of welded sheets suitable for pressureless operation.

Colour: black

Medium: water

Temperature: indoor temperature

Net capacity: 0.6 m<sup>3</sup>

Inner diameter: 760 mm

cyl. height: 1300 mm

Wall thickness: 5 mm

When connecting to the drinking water network, EN 1717 and DIN 1988 must be observed for biological separation.

Item number: 3031700 for WDS 300 or WDS 600

Item number: 3030700 for WDS 100



## **WATER TANK "ROUND" VB1 1000L**

### **FOR WDS 600/1**

To ensure the required flow rate of the pump.

Bottom flat, standing all over.

Closed version, with inspection opening d400 with plug-in cover in the roof.

Material: PE100 made of welded sheets suitable for pressureless operation.

Colour: black

Medium: water

Temperature: indoor temperature

Net capacity: 1.0 m<sup>3</sup>

Inner diameter: 780 mm

cyl. height: 2200 mm

Wall thickness: 5 mm

When connecting to the drinking water network, EN 1717 and DIN 1988 must be observed for biological separation.

Item number: 3033701



## **BACKFLOW PREVENTER ST3 FOR WATER TANK VB1**

The backflow preventer is used to separate the drinking water from the extinguishing water in accordance with EN 1717. It is installed between the on-site drinking water connection and the water tank.

Separation of drinking water from the extinguishing water for spark extinguishing system is mandatory in the Drinking Water Ordinance.

The backflow preventer is designed for liquid Category 5 according to DIN EN 1717 with the following features:

- electronic control
- corrosion-free, self-priming, multi-stage horizontal centrifugal pump
- patented acoustic enclosure made of EPP
- integrated drinking water feed "free run" in accordance with DIN EN 1717 (Type AB)
- little need for space
- dry-running protection
- pressure gauge

The signal exchange with the spark extinguishing control panel is done via the pump control of the pressure boosting system.

The backflow preventer is pre-assembled on a mounting plate. It can be installed on a wall near the water tank.

Item number: 3045720

