

## Indexing Valves

Sequencing or indexing valves are essential when pumping to a large pipe network or to pockets of areas on landscaped commercial areas, as they can dose up to 6 outlets in sequence using a single pump. They are used for wastewater pressure systems which require dosing of multiple sections or zones. Indexing valves reduce the pump capacity bringing significant savings in pump and energy costs.

**6000 SERIES  
DISTRIBUTING VALVE**

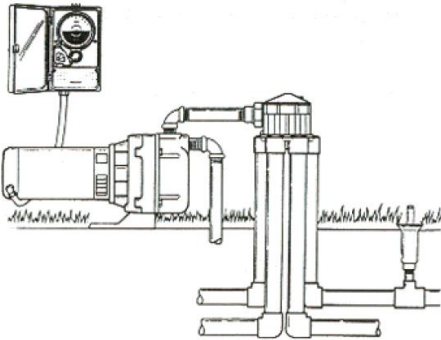


The 6000 Series line of distributing valves offers exceptional reliability and durability even under the dirtiest water conditions.

With a metal die-cast body, the 6000 series valves are capable of high pressure applications and are recommended to be used on pump fed systems. The 6000 series is ideal for onsite wastewater and effluent water applications.

The 6000 valve is available in 4 or 6 outlet models that are camed for 2 to 6 zone operation. With only one moving part (the stem and disk assembly), the valve is easily serviced and maintained.

The valve requires 57 litres/min (15 GPM) to operate and works at pressures from 25 to 150 PSI (1.7 bar -10 bar)



For direct pump - fed installations, the 6000 Series Distributing Valve is directly connected to the discharge side of the pump and is cycled from one zone to the next by turning the pump off and on. In wastewater systems this is usually done automatically by the pump float switch cutting in and out as the water level rises and falls.

Install the valve as close to the pump as possible and ensure suction line to the pump has a proper check valve installed and all joints are completely sealed.

The number of valve outlets can be easily adjusted by changing the valve cam.

The valve inlet is 1.5" threaded and the outlets are 1.5" plain. Metric adapters are used to connect to pipes. Unions are recommended on inlets and outlets to allow valve maintenance.

We supply fully assembled valves with fittings with secure access housing.

Valves are essential when pumping to a large pipe network or to pump to a number of pockets of area on a small site.



**MODELS**

**Four Outlet Models**

6402	Cammed for 2 Zone Operation
6403	Cammed for 3 Zone Operation
6404	Cammed for 4 Zone Operation

**Six Outlet Models**

6605	Cammed for 5 Zone Operation
6606	Cammed for 6 Zone Operation

**OTHER OPTIONS: ADD TO PART NUMBER**

RCW	Reclaimed Water Use
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**SPECIFICATIONS**

- Construction: Valve Top/Housing: Die Cast Metal  
Valve Outlets: High Strength ABS Polymer
- Flow Range: 15-150 GPM
- Pressure Rating: 25 - 150 PSI
- Pressure Loss:
 

4 Outlet Valve: Flow (GPM)	20	40	60	80	100
PSI Loss	2.5	3.5	5.0	7.5	10.0
6 Outlet Valve: Flow (GPM)	20	40	60	80	100
PSI Loss	3.0	4.0	6.0	9.0	11.0
- Inlet: Threaded 1-1/2" NPT Connection
- Outlets: Slip and Glue Connections to 1-1/2" PVC Pipe
- Dimensions: HEIGHT: 7", WIDTH: 8"

**6000 INDEXING VALVE**

The 6000 line of indexing valves offers exceptional reliability and durability even under the dirtiest water conditions.

FOR MORE INFORMATION ON RCW PRODUCTS, PLEASE SEE PAGES 36 AND 37.



**FEATURES/BENEFITS**

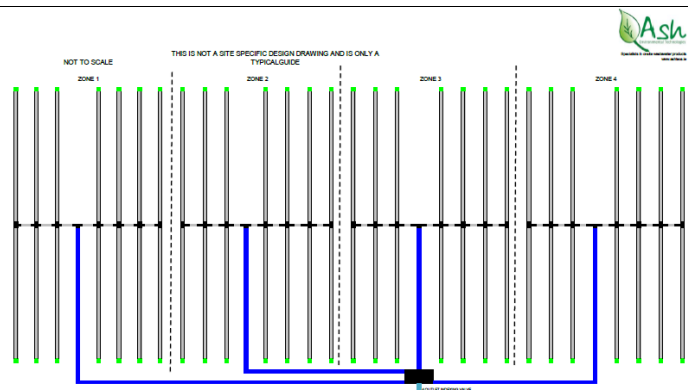
- Metal Die-Cast Body—Durable, long lasting, and capable of high pressure applications.
- Available in 4 and 6 Outlet Models—Can quickly and easily change from two to six watering zones.
- Simplicity of Design—Valves are easily maintained and serviced for long product life.
- Operates at 15 GPM at Pressures of 25–150 PSI- Ideal for pump-fed systems or high-flow city water systems.
- Built-in Atmospheric Vacuum Breaker—Releases any vacuum created between the pump and the valve on shut down.
- Two Year Limited Warranty.

**K-RAIN MODEL 6000: INDEXING VALVE**

With a metal die-cast body, the 6000 valves are capable of high pressure applications and are recommended to be used on pump fed systems or high-flow city water systems. The 6000 is also ideal for onsite wastewater and effluent water applications.

The 6000 valve is available in 4 or 6 outlet models that are cammed for 2 to 6 zone operation. With only one moving part (the stem and disc assembly), the valve is easily serviced and maintained.

The valve requires 15 GPM to operate and works at pressures from 25 to 150 PSI.



Example of a 4 zone pipe network using a 4 outlet indexing valve