



Index Valves



CAPITAL SEPTIC SUPPLY

K
RAIN®

4000-RCW INDEXING VALVE

ONSITE WASTEWATER DISTRIBUTING VALVES



A reliable, economical way to automate multiple zoned irrigation systems using non-potable or on-site sources.

- **ABS Polymer Construction** – High-strength, non-corrosive body for long product life.
- **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 Minimum 10 GPM (38 LPM) at Pressures of 25-75 PSI (1,7-5,2 bar)** – Reliably automates multiple zoned residential and small commercial irrigation or wastewater systems.
- Automates multiple zoned residential and small commercial wastewater systems.



K-Rain Model 4000-RCW: Onsite Wastewater Distributing Valve

These patented indexing valves allow for the number of watering zones to be changed quickly and easily. Ideally suited for both city water and pump applications, and may also be used for onsite wastewater or effluent water applications. The simplicity of design and few moving parts ensures ease of maintenance and long service life.

Available in 4 or 6 outlet models. A quick change of the cam allows the valve to operate from 2 to 6 zones. The valve will operate with flows as low as 10 GPM (38 LPM) and at pressures of 25 to 75 PSI (1,7 to 5,2 bar).

Models

FOUR OUTLET MODELS

1 1/4" X 1 1/4" (3,2 CM X 3,2 CM)

- 4400-RCW No Cam
- 4402-RCW Cammed for 2 Zone Operation
- 4403-RCW Cammed for 3 Zone Operation
- 4404-RCW Cammed for 4 Zone Operation

SIX OUTLET MODELS

1 1/4" X 1" (3,2 CM X 2,5 CM)

- 4600-RCW No Cam
- 4602-RCW Cammed for 2 Zone Operation
- 4603-RCW Cammed for 3 Zone Operation
- 4604-RCW Cammed for 4 Zone Operation
- 4605-RCW Cammed for 5 Zone Operation
- 4606-RCW Cammed for 6 Zone Operation

Specifications

- Constructed of High Strength, Non-Corrosive ABS Polymer
- 4000 Series Valves are available with 1" (2,5 cm) inlet and outlet by custom order

OPERATING SPECIFICATIONS

- Pressure Rating: 25 – 75 PSI (1,7 to 5,2 bar)
- Flow Range:
 - 4 Outlet Valve: 10-40 GPM (38-150 LPM)
 - 6 Outlet Valve: 10-30 GPM (38-113,5 LPM)
- Pressure Loss:

4 OUTLET VALVE

Flow Rate - GPM	10	20	30	40
PSI Loss	2.0	3.0	4.5	6.4

6 OUTLET VALVE

Flow Rate - GPM	10	20	30
PSI Loss	2.5	4.5	7.5

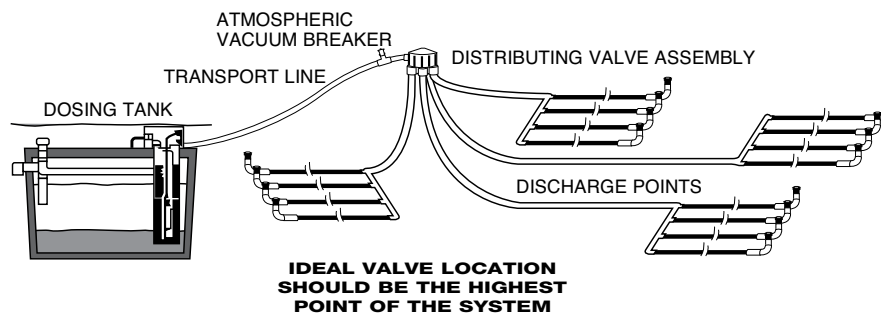
DIMENSIONS

- Height: 5 3/4" (14,6 cm)
- Width: 5 3/4" (14,6 cm)

Installation Tips

We Recommend the Installation of an Atmospheric Vacuum Breaker Between the Pump and the Valve.

Installation Diagram



6000-RCW INDEXING VALVE

ONSITE WASTEWATER DISTRIBUTING VALVES



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

- **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 Minimum 15 GPM (57 LPM) at Pressures of 25–150 PSI (1,7-10,3 bar)** — 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.



K-Rain Model 6000-RCW: Onsite Wastewater Distributing 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 (57 LPM) to operate and works at pressures from 25 to 150 PSI (1,7 to 10,3 bar).

Models

FOUR OUTLET MODELS

- 6402-RCW** Cammed for 2 Zone Operation
- 6403-RCW** Cammed for 3 Zone Operation
- 6404-RCW** Cammed for 4 Zone Operation

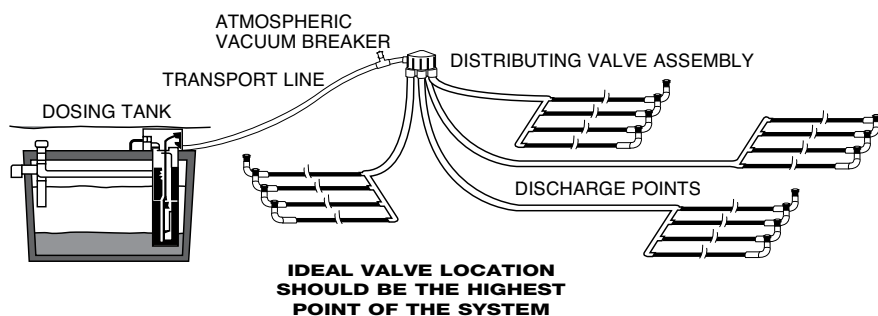
SIX OUTLET MODELS

- 6605-RCW** Cammed for 5 Zone Operation
- 6606-RCW** Cammed for 6 Zone Operation

Installation Tips

We Recommend the Installation of an Atmospheric Vacuum Breaker Between the Pump and the Valve.

Installation Diagram



Specifications

- Construction:
 - Valve Top/Housing: Die Cast Metal
 - Valve Outlets: High Strength ABS Polymer
- Inlet:
 - Threaded 1 1/2" (3,8 cm) NPT Connection
- Outlets: Slip and Glue Connections to 1 1/2" (3,8 cm) PVC Pipe

OPERATING SPECIFICATIONS

- Pressure Rating: 25 - 150 PSI (1,7 to 10,3 bar)
- Flow Range: 15-150 GPM (57-568 LPM)
- Pressure Loss:

4 OUTLET VALVE

Flow Rate - GPM	20	40	60	80	100
PSI Loss	2.5	3.5	5.0	7.5	10.0

6 OUTLET VALVE

Flow Rate - GPM	20	40	60	80	100
PSI Loss	3.0	4.0	6.0	9.0	11.0

DIMENSIONS

- Height: 7" (17,8)
- Width: 8" (20,3)



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