

High Flow 1½" Commercial Control Zone Kit

Rain Bird simplifies drip with the highest flow control zone kit on the market. The High Flow 1½" Commercial Control Zone Kit contains time-tested Rain Bird parts including the revolutionary Quick Check Basket Filter for reduced maintenance and increased reliability. This kit comes partially assembled with pre-taped threaded connections for a quick, flexible and error free installation. The High Flow 1½" Control Zone Kit:

1. Saves Time for Specifiers-All information about the overall size, overall pressure loss, and pressure rating of the entire assembly is provided.
2. Reduces Installation Labor Cost- The kit includes pre-glued "Tee" and is partially assembled with all threads pre-taped.
3. Reduces Ongoing Maintenance Cost- The Rain Bird Quick-Check Basket Filter saves labor with simple to check indicator bubble and is easy to clean .
4. Improves Reliability-The kit is made up of high-quality time-tested Rain Bird components including the PESB (scrubber) valve, 40 psi pressure regulators, and Quick-Check Basket Filters. Also the indicator bubble means the filters are likely to be cleaned when needed.



Easy to check, Easy to clean.

Features

- Kit includes a pre-glued "Tee" and is partially assembled with pre-taped threads.
- Indicator bubble shows when filter needs to be cleaned.
- The assembled kit fits in the Rain Bird Jumbo Rectangular Valve Box (VB-JMB).
- Comes standard with 200 mesh filter elements.
- Kit is suitable for use in spray or rotor zones when used with Rain Bird 150 mesh (blue), 100 mesh (red), or 50 mesh (yellow) replacement filter elements.

Operating Range

- Flow: 15 to 40 GPM (2726 to 9085 l/hr; 0,76 to 2,52 l/s)
- Inlet Pressure: 20 to 150 psi (1,4 to 10,3 bar)
- Regulated Pressure: 40 psi (2,8 bar)
- Filtration: 200 mesh (75 micron)*

*Can be replaced with 50, 100 and 150 mesh Rain Bird filters

Models

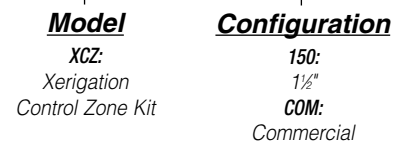
- XCZ-150-COM(1½" PESB Valve + 2-1" Basket Filters+2-40 psi regulators)



XCZ-150-COM in a Jumbo Valve Box (VB-JMB)

How to Specify/Order:

XCZ-150-COM





Easy to Install

The High Flow 1½" Commercial Control Zone Kit is easy to install with only six simple steps and takes only seconds.



Easy to Check

The Quick Check basket Filter is easy to check which means the filters are likely to be cleaned when needed.

Green indicator bubble means the filter is clean



Red indicator bubble means the filter is dirty



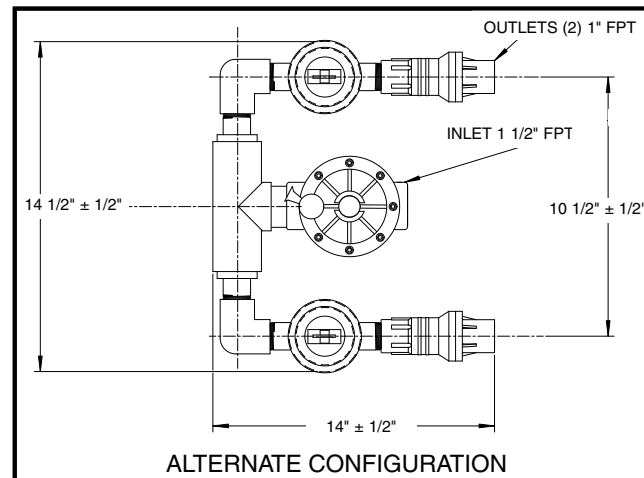
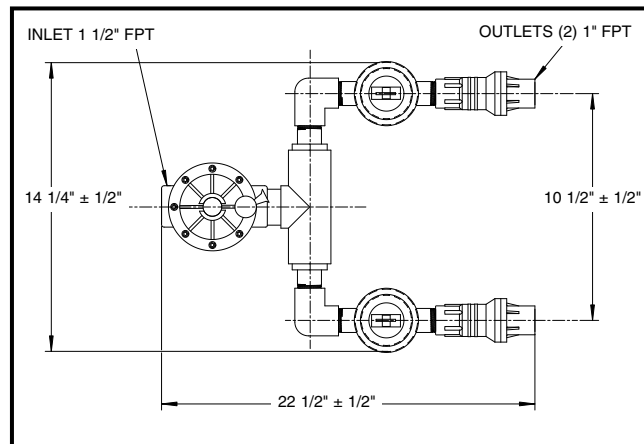


The High Flow 1½" Commercial Control Zone Kit Friction Loss Characteristics

GPM	Pressure Loss psi
15	4.1
20	4.2
30	7.2
40	11.0

l/s	Pressure Loss bar
2,5	0,76
1,9	0,49
1,3	0,29
0,76	0,97

The High Flow 1½" Commercial Control Zone Kit Dimensions





Specifications

High Flow 1½" Commercial Control Zone Kit

High Flow Commercial Control Zone Kit for zones with flows from 15.0 to 40.0 GPM

Control Zone Kit shall be Rain Bird's High Flow Commercial Control Zone Kit with Rain Bird's 1 ½" PESB valve, two Quick Check Basket Filter with 200-mesh (75 micron) screen and two 40 psi Pressure Regulators.

The filter shall be two 1" inline Quick Check Basket Filter body constructed of heavy-duty, glass-filled, UV resistant polypropylene capable of withstanding pressures of not less than 150 psi (10,3 bars). The design shall be a basket style body with jar-top cap. The cap shall incorporate an indicator that goes from green to red during operation when the filter element needs cleaning. The filter elements shall be constructed of a durable stainless steel mesh attached to a propylene frame and shall be a standard 200-mesh (75 micron). The screen shall be serviceable for cleaning purposes by unscrewing the cap from the body and removing the filter element.

The control zone kit shall have two inline pressure regulators. The pressure regulators shall be constructed of durable, UV resistant non-corrosive material able to accommodate an inlet pressure rating of not less than 150 psi (10,3 bar). The pressure regulating device is a normally open device that allows full flow with little pressure loss unless the inlet pressure is greater than the preset level. As the inlet pressure increases above the preset level it compresses a spring and begins to reduce the downstream pressure. The inline pressure regulator shall have a preset outlet pressure of approximately 40 psi (2,8 bar).

The control zone kit shall have a 1 ½" PESB series automatic irrigation control valve. The pressure rating not to be less than 150 psi (10,3 bars). The valve body and bonnet shall be constructed of high-impact, weather-resistant plastic, stainless steel and other chemical/UV resistant materials. The valve shall have a diaphragm constructed of a durable Buna-N rubber material reinforced with nylon.

The control zone kit shall include a schedule 40 PVC Tee and schedule 80 PVC nipples.

Model: X CZ-150-COM High Flow Kit with 1 ½" PESB Valve, two Basket Filters with 200 mesh (75 micron) screens and two 40 psi Pressure Regulators.

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