

## Control Zone Kit Selection Guide



2-Wire Compatible

**XCZ-150-PRB-COM**  
FLOW: 15 - 40 gpm

Commercial High Flow: 15 - 40 gpm

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2-Wire Compatible

**XCZ-100-PRB-COM**  
FLOW: 0.3 - 20 gpm



2-Wire Compatible

**XCZ-100-PRBR**  
FLOW: 0.3 - 20 gpm



2-Wire Compatible

**XCZ-100-PRB-LC**  
FLOW: 0.3 - 20 gpm UPDATED

Commercial Wide Flow: 0.3 - 20 gpm

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2-Wire Compatible

**XCZPGA-100-PRF** NEW  
FLOW: 3 - 15 gpm



**XCZ-100-PRF**  
FLOW: 3 - 15 gpm



**XACZ-100-PRF**  
FLOW: 3 - 15 gpm

Residential Medium Flow: 3 - 15 gpm

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**XCZLF-100-PRF** NEW  
FLOW: 0.2 - 10 gpm

Residential Low Flow:  
Flow: 0.2 - 10 gpm



**XCZ-075-PRF**  
FLOW: 0.2 - 5 gpm



**XACZ-075-PRF**  
FLOW: 0.2 - 5 gpm

Residential Low Flow:  
Flow: 0.2 - 5 gpm

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### Online Control Zone Kit Selection Guide

Rain Bird Control Zone Kits provide all of the components necessary for on/off control, filtration and pressure regulation of a low-volume irrigation zone, making the kits simple to order and easy to install.

This quick selection tool will help you find the appropriate control zone kit for your application. By answering a few simple questions, the selection guide will provide recommended control zone kits best suited for your application. Simply click on the kit image for detailed information and specifications.

#### Features

- Includes detailed drawings and specifications for each kit
- Available at [www.rainbird.com/CZK](http://www.rainbird.com/CZK)



## Control Zone Kits

Rain Bird Control Zone Kits provide all of the components necessary for on/off control, filtration, and pressure regulation in a single package, making them simple to order and easy to install.

- Most reliable kits, and contain revolutionary products such as the Low Flow Valve and Quick Check Basket Filter
- All kits in every category use the innovative PR Filter which combines the filter and pressure regulator into one unit.

• Rain Bird offers the most complete line of Control Zone Kits, giving contractors and specifiers the flexibility to meet every need from 0.2 to 40 gpm. Choose from:

- ¾", 1" or 1½" inlet opening
- Low Flow Valve, Anti-Siphon Valve, DV Valve, or PESB Valve
- Pressure Regulating RBY Filter, Pressure Regulating Quick Check Basket Filter, or Quick Check Basket Filter

Use the chart below to identify the most appropriate kit or see pages 147 - 152 for specific detailed information on these kits and their individual components. Also available is the interactive Control Zone Kit Pyramid Selection Guide for selection and detailed specification information; found at [www.rainbird.com/CZK](http://www.rainbird.com/CZK)

Control Zone Selection Chart							
Model	Size (Inlet x Outlet)	Flow Range	Valve	2-Wire Compatible	Filter	Outlet Pressure	Comes Assembled
<b>COMMERCIAL HIGH FLOW: 15 – 40 gpm</b>							
XCZ-150-PRB-COM	1½" x 2 @ 1"	15 - 40 gpm	150-PESB	Yes	1" Quick Check PR Basket Filter (2)	40 psi	
<b>COMMERCIAL WIDE FLOW: 0.30 – 20 gpm</b>							
XCZ-100-PRB-COM <sup>1</sup>	1" x 1"	0.3 - 20 gpm	100-PESB	Yes	1" Quick Check PR Basket Filter	40 psi	
XCZ-100-PRBR <sup>1</sup>	1" x 1"	0.3 - 20 gpm	100-PESBR	Yes	1" PR Basket Filter	40 psi	
XCZ-100-PRB-LC <sup>1</sup>	1" x 1"	0.3 - 20 gpm	100-PEB	Yes	1" PR Basket Filter	40 psi	
<b>RESIDENTIAL MEDIUM FLOW: 3 – 15 gpm</b>							
XCZPGA-100-PRF <sup>1</sup>	1" x 1"	3 - 15 gpm	100-PGA	Yes	1" PR RBY Filter	40 psi	
XCZ-100-PRF <sup>1</sup>	1" x 1"	3 - 15 gpm	100-DV	No	1" PR RBY Filter	40 psi	✓
XACZ-100-PRF <sup>1</sup>	1" x 1"	3 - 15 gpm	100-ASVF	No	1" PR RBY Filter	40 psi	
<b>RESIDENTIAL LOW FLOW: 0.2 – 10 gpm</b>							
XCZLF-100-PRF <sup>1</sup>	1" x 1"	0.2 - 10 gpm	LFV-100	No	1" PR RBY Filter	40 psi	✓
XCZ-075-PRF <sup>1</sup>	¾" x ¾"	0.2 - 5 gpm	LFV-075	No	¾" PR RBY Filter	30 psi	✓
XACZ-075-PRF <sup>1</sup>	¾" x ¾"	0.2 - 5 gpm	ASV-LFV-075	No	¾" PR RBY Filter	30 psi	

<sup>1</sup> For Flows below 5gpm Rain Bird recommends use of upstream filtration to prevent debris from collecting below the diaphragm



Combine a Xerigation® Control Zone Kit with a Rain Bird controller product to precisely regulate zone watering times.

## Low Flow Control Zone Kits with Anti-Siphon Valve and PR Filter

- Reliable Control Zone Kits that include the Low Flow Valve, the only valve on the market that can handle low flows (below 3 gpm) without weeping
- Complete, two-piece Control Zone Kits include the field-proven Low Flow Anti-Siphon Valve that has an atmospheric vacuum breaker for backflow prevention and an IAPMO rating
- These PR Filter kits provide on/off control, filtration, and pressure regulation with only two parts; so there is less chance of leakage at the connections, both at installation and over the life of the system

### Operating Range

- Flow: 0.20 to 5.0 gpm (0.8 to 18.9 l/m)
- Inlet pressure: 20 to 150 psi (1.4 to 10.3 bar)
- Filtration: 200 mesh stainless steel screen (75 micron)
- Regulated pressure: 30 psi (2.1 bar)

### Models

- XACZ-075-PRF: ¾" Low Flow Anti-Siphon Valve with ¾" PR RBY Filter

### Replacement Screen

- RBY-200SSMX (200 mesh stainless steel screen)



## Medium Flow Control Zone Kits with Anti-Siphon Valve and PR Filter

- Complete, two-piece Control Zone Kits include the field-proven ASVF valve which has an atmospheric vacuum breaker for backflow prevention and an IAPMO rating
- These PR Filter kits provide on/off control, filtration, and pressure regulation with only two parts; so there is less chance of leakage at the connections, both at installation and over the life of the system

### Operating Range

- Flow: 3.0 to 15.0 gpm (11.4 to 56.8 l/m)
- Inlet pressure: 20 to 150 psi (1.4 to 10.3 bar)
- Filtration: 200 mesh stainless steel screen (75 micron)
- Regulated pressure: 40 psi (2.8 bar)

### Models

- XACZ-100-PRF: 1" ASVF with 1" PR RBY Filter

### Replacement Screen

- RBY-200SSMX (200 mesh stainless steel screen)



### Minimum Inlet Pressure for 30 psi / 2.1 bar Outlet Pressure

Flow gpm	l/m	Inlet Pressure psi	bar
0.2	0.8	37.4	2.6
1.0	3.8	39.1	2.7
3.0	11.4	40.0	2.8
5.0	18.9	49.7	3.4

XACZ-075-PRF

### Minimum Inlet Pressure for 40 psi Outlet Pressure

Flow gpm	l/m	Inlet Pressure (psi)	
		psi	bar
3.0	11.4	43.3	3.0
5.0	18.9	44.7	3.1
7.0	26.5	46.2	3.2
9.0	34.1	47.3	3.3
11.0	41.6	50.8	3.5
13.0	49.2	55.4	3.8
15.0	56.8	59.7	4.1

XACZ-100-PRF