

Models

- PRS-D

Application Information

- Proper operation requires inlet pressure to be a minimum of 15 psi (1.04 bar) higher than desired outlet pressure
- For areas with very high pressure or uneven terrain, install sprinklers with PRS pressure regulating stems and/or SAM check valves
- When inlet pressure exceeds 100 psi (6.9 bar), a pressure regulating master valve or inline pressure regulator is required
- Rain Bird does not recommend using the pressure regulating module for applications outside the recommended flow ranges
- To reduce the effects of water hammer, Rain Bird recommends flow rates in the supply line not to exceed 7.5 ft/sec (2.29 m/s)
- For flows below 10 gpm (2.27 m³/h; 37.8 l/m), Rain Bird recommends the flow control stem be turned down two full turns from the fully open position

Valve Flow Ranges*	
Model	gpm
100-PGA	5-40
150-PGA	30-100
200-PGA	40-150
100-PEB	5-50
150-PEB	20-150
200-PEB	75-200
100-PESB/PESB-R	5-50
150-PESB/PESB-R	20-150
200-PESB/PESB-R	75-200
100-GB-R	5-50
125-GB-R	20-80
150-GB-R	20-120
200-GB-R	20-200
100-EFB-CP-R	5-50
125-EFB-CP-R	20-80
150-EFB-CP-R	20-120
200-EFB-CP-R	20-200
300-BPE	60-300
300-BPES	60-300

Valve Flow Ranges*		METRIC
Model	m ³ /h	l/m
100-PGA	1.14-9.08	19.2-151
150-PGA	6.81-22.70	113-378
200-PGA	9.08-34.05	151-568
100-PEB	1.14-11.35	19.2-189
150-PEB	4.54-34.05	76-568
200-PEB	17.03-45.40	284-757
100-PESB/PESB-R	1.14-11.35	19.2-189
150-PESB/PESB-R	4.54-34.05	76-568
200-PESB/PESB-R	17.03-45.40	284-757
100-GB-R	1.14-11.35	19.2-189
125-GB-R	4.54-18.16	76-302
150-GB-R	4.54-31.78	76-529
200-GB-R	4.54-45.40	76-757
100-EFB-CP-R	1.14-11.35	19.2-189
125-EFB-CP-R	4.54-18.16	76-302
150-EFB-CP-R	4.54-31.78	76-529
200-EFB-CP-R	4.54-45.40	76-757
300-BPE	13.62-68.10	227-1136
300-BPES	13.62-68.10	227-1136

* These are the valve flow ranges. The PRS-Dial regulates only up to 100 psi (6.9 bar)

Valves