

B SERIES

Models: **G84B & G85B**
 Radius: **13.1 to 28.3 m**
 Flow: **1.86 to 13.24 m³/hr; 31.0 to 220.6 l/min**

FEATURES

- Models:
 - G84B: Full-circle opposing nozzles
 - G85B: True Full-circle/adjustable part circle (60° to 360°)
- QuickCheck™ arc mechanism (G85B)
- QuickSet-360 arc mechanism (G85B)
- Dual trajectory colour-coded nozzles:
 - G84B: 10 standard trajectory (22.5°)
 - G85B: 12 standard trajectory (22.5°)
 - G84B & G85B: 9 low-angle trajectory (15°)
- Nozzle range:
 - G84B: #15 to #53
 - G85B: #10 to #53
- Exclusive PressurePort™ nozzle technology
- Contour “Back-Nozzle” capabilities (G85B)
- Ratcheting stainless steel riser
- Water-lubricated gear drives
- Check height up to 3 m in elevation change

OPERATING SPECIFICATIONS

- G84B
 - Radius: 14.9 to 28.3 m
 - Flow: 3.28 to 13.24 m³/hr; 54.6 to 220.6 l/min
 - Pressure range: 3.4 to 6.9 bar; 340 to 690 kPa
- G85B
 - Radius: 13.1 to 27.7 m
 - Flow: 1.86 to 13.06 m³/hr; 31,0 to 217.7 l/min
 - Pressure range: 3.4 to 6.9 bar; 340 to 690 kPa
- All B Series rotors are pressure rated at 10 bar; 1,000 kPa



G84B

Pop-up height: 9.5 cm
 Overall height: 24.5 cm
 Flange diameter: 13.7 cm
 Female Inlet: 1¼" ACME



G85B

Pop-up height: 9.5 cm
 Overall height: 24.5 cm
 Flange diameter: 13.7 cm
 Female Inlet: 1¼" ACME

G84B & G85B - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

1 Model	2 Valve Options	3 Nozzle	4 Options*
G84 = Full-Circle	B = Block rotor with check valve	15 to 53 = Installed G84 Nozzle* * SSU = #18, #25 & #48	S = SSU* * Standard Stocking Unit
G85 = Full/Part Circle 60° - 360°	B = Block rotor with check valve	10 to 53 = Installed G85 Nozzle** ** SSU = #18, #25 & #48	S = SSU* * Standard Stocking Unit

Example:
G84 - B - 25 - S = G80 full-circle block rotor, installed #25 nozzle, standard stocking unit model

G84B NOZZLE PERFORMANCE DATA*

Nozzle Set			Pressure		Radius	Flow		Precip mm/hr	
Nozzle	Housing	Nozzle Plug	bar	kPa	m	m³/hr	l/min	■	▲
			<i>(Table continues with nozzle sets 15 through 53, showing performance metrics for various colors and plug options.)</i>						

G84B NOZZLES



G85B NOZZLES



LOW-ANGLE NOZZLES**



** Low-angle nozzles reduce radius by 15%

G85B NOZZLE PERFORMANCE DATA

Nozzle Set			Pressure		Radius	Flow		Precip mm/hr	
Nozzle	Housing	Nozzle Plug	bar	kPa	m	m³/hr	l/min	■	▲
			<i>(Table continues with nozzle sets 10 through 53, showing performance metrics for various colors and plug options.)</i>						

● = Nozzle plug P/N 315300 installed in the back side of the nozzle housing.

* Complies to ASAE standard. All precipitation rates calculated for 360° operation. All triangular rates are equilateral.