

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	
			bar	kPa	m	m ³ /hr	l/min	■	▲
●	○	●	3.4	344	14.9	3.23	53.8	14.5	16.7
Tan	15	Grey	4.1	413	15.5	3.57	59.4	14.8	17.0
803611	White	315317	4.5	450	15.9	3.73	62.1	14.8	17.1
●	○	●	4.8	482	16.2	3.86	64.4	14.8	17.1
803611	Orange	315317	5.5	551	16.8	4.13	68.9	14.7	17.0
●	○	●	3.4	344	17.1	3.91	65.1	13.4	15.5
Tan	18	Grey	4.1	413	17.7	4.28	71.3	13.7	15.8
803611	Orange	315317	4.5	450	18.0	4.48	74.6	13.8	16.0
●	○	●	4.8	482	18.3	4.54	75.7	13.6	15.7
803611	Brown	315317	5.5	551	18.6	4.82	80.3	13.9	16.1
●	○	●	3.4	344	17.4	4.18	69.7	13.8	16.0
Tan	20	Grey	4.1	413	18.0	4.61	76.8	14.3	16.5
803611	Brown	315317	4.5	450	18.6	4.86	81.0	14.1	16.2
●	○	●	4.8	482	19.2	4.91	81.8	13.3	15.4
803611	Green	315311	5.5	551	19.5	5.16	85.9	13.5	15.6
●	○	●	3.4	344	19.2	4.91	81.8	13.3	15.4
Tan	23	Lt. Blue	4.1	413	19.8	5.22	87.1	13.3	15.4
803611	Green	315311	4.5	450	20.1	5.45	90.8	13.5	15.6
●	○	●	4.8	482	20.4	5.66	94.3	13.6	15.7
803611	Blue	315311	5.5	551	20.7	6.04	100.7	14.1	16.2
●	○	●	4.5	450	21.6	6.50	108.3	13.9	16.0
Tan	25	Lt. Blue	4.8	482	22.3	6.75	112.5	13.6	15.7
803611	Blue	315311	5.5	551	22.6	7.19	119.8	14.1	16.3
●	○	●	6.2	620	22.9	7.65	127.5	14.6	16.9
803611	Grey	315311	6.9	689	23.5	8.12	135.3	14.7	17.0
●	○	●	4.5	450	22.6	7.02	117.0	13.8	15.9
Tan	33	Lt. Blue	4.8	482	22.9	7.27	121.1	13.9	16.1
803611	Grey	315311	5.5	551	23.5	7.77	129.5	14.1	16.3
●	○	●	6.2	620	24.1	8.22	137.0	14.2	16.4
803611	Red	315311	6.9	689	25.0	8.84	147.3	14.1	16.3
●	○	●	4.5	450	23.5	7.97	132.9	14.5	16.7
Tan	38	Lt. Blue	4.8	482	24.1	8.31	138.5	14.3	16.6
803611	Red	315311	5.5	551	25.0	8.84	147.3	14.1	16.3
●	○	●	6.2	620	25.6	9.38	156.3	14.3	16.5
803611	Dk. Brown	315300	6.9	689	26.5	9.90	165.0	14.1	16.3
●	○	●	4.8	482	25.3	9.38	156.3	14.7	16.9
Tan	43	Blue	5.5	551	25.9	9.90	165.0	14.8	17.0
803611	Dk. Brown	315300	6.2	620	26.5	10.52	175.3	15.0	17.3
●	○	●	6.9	689	27.1	11.09	184.7	15.1	17.4
●	○	●	4.8	482	27.4	10.65	177.5	14.2	16.3
Dk. Brown	48	Dk. Blue	5.5	551	28.0	11.11	185.1	14.1	16.3
803610	Dk. Green	833500	6.2	620	28.7	11.46	191.0	14.0	16.1
●	○	●	6.9	689	29.3	12.15	202.5	14.2	16.4
●	○	●	4.8	482	27.7	11.31	188.5	14.7	17.0
Dk. Brown	53	Dk. Blue	5.5	551	28.3	11.86	197.7	14.8	17.0
803610	Dk. Blue	833500	6.2	620	29.0	12.61	210.1	15.0	17.4
●	○	●	6.9	689	29.6	13.29	221.4	15.2	17.6

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	
			bar	kPa	m	m ³ /hr	l/min	■	▲
Orange	10	Dk. Green	3.4	344	11.3	2.02	33.7	15.9	18.4
803603	Lt. Green	315312	4.1	413	11.9	2.23	37.1	15.8	18.2
●	●	●	4.5	450	12.5	2.32	38.6	14.8	17.1
Orange	13	White	3.4	344	14.3	2.59	43.2	12.6	14.6
803603	Lt. Blue	315314	4.1	413	14.6	2.79	46.6	13.1	15.1
●	●	●	4.5	450	14.9	2.93	48.8	13.1	15.2
Orange	15	White	3.4	344	15.9	2.93	48.8	11.7	13.5
803603	White	315314	4.1	413	15.9	3.29	54.9	13.1	15.1
●	●	●	4.5	450	16.2	3.38	56.4	13.0	15.0
Orange	18	Lt. Green	3.4	344	17.4	3.77	62.8	12.5	14.4
803603	Orange	315313	4.1	413	17.7	4.04	67.4	12.9	14.9
●	●	●	4.5	450	18.0	4.23	70.4	13.1	15.1
Orange	20	Lt. Green	3.4	344	18.0	4.07	67.8	12.6	14.5
803603	Tan	315313	4.1	413	18.6	4.43	73.8	12.8	14.8
●	●	●	4.5	450	18.9	4.50	75.0	12.6	14.5
Orange	23	Lt. Green	3.4	344	19.8	4.59	76.5	11.7	13.5
803603	Green	315313	4.1	413	20.1	5.02	83.7	12.4	14.3
●	●	●	4.5	450	20.4	5.43	90.5	13.0	15.0
Red	25	Green	3.4	344	21.6	6.43	107.1	13.7	15.8
803602	Blue	315310	4.1	413	21.9	6.66	110.9	13.8	16.0
●	●	●	4.5	450	22.3	7.16	119.2	14.5	16.7
Red	33	Green	3.4	344	21.9	6.95	115.8	14.4	16.7
803602	Grey	315310	4.1	413	22.3	7.18	119.6	14.5	16.7
●	●	●	4.5	450	22.9	7.70	128.3	14.7	17.0
Red	38	Green	3.4	344	23.2	7.93	132.1	14.8	17.1
803602	Red	315310	4.1	413	23.8	8.22	137.0	14.5	16.8
●	●	●	4.5	450	24.4	8.88	148.0	14.9	17.2
Red	43	Green	3.4	344	24.7	9.36	156.0	15.0	17.3
803602	Dk. Brown	315310	4.1	413	25.0	9.88	164.7	15.1	17.4
●	●	●	4.5	450	25.6	10.49	174.9	15.3	17.6
Dk. Red	48	Dk. Green	3.4	344	25.3	10.52	175.3	16.4	19.0
803601	Dk. Green	315312	4.1	413	25.9	10.99	183.2	16.4	18.9
●	●	●	4.5	450	26.5	11.52	191.9	16.4	18.9
Dk. Red	53	Dk. Green	3.4	344	27.1	11.06	184.3	15.0	17.4
803601	Dk. Blue	315312	4.1	413	27.7	12.38	206.3	16.1	18.6
●	●	●	4.5	450	28.3	12.06	201.0	16.4	18.9
●	●	●	6.2	620	28.0	12.81	213.5	16.3	18.8
●	●	●	6.9	689	28.7	13.54	225.6	16.5	19.0

● = 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.