

G-85-B

The Perfect Combination of Power and Performance

KEY BENEFITS

- Full circle/Adjustable part circle (60° to 360°)
- QuickCheck arc mechanism
- QuickSet-360 arc mechanism
- Exclusive PressurePort™ nozzle technology
- Contour “Back-Nozzle” capabilities
- Ratcheting stainless steel riser
- Water lubricated gear-drive
- Check height up to 2 m in elevation change
- Dual trajectory color-coded nozzles: 12 standard trajectory (22.5°) and 9 low-angle trajectory (15°)

MODEL SPECIFICATIONS

- True Full circle/Adjustable Part circle (60° to 360°)

MODEL VARIATIONS

B = Block checks up to 2 m in elevation change

NOZZLE RANGE

- #10 to #53

NOZZLE CHOICE

- 12 standard trajectory (22.5 degrees)
- 9 low-angle trajectory (15 degrees)

OPERATING SPECIFICATIONS

- Discharge rate: 1.86 to 13.06 m³/hr; 31.0 to 217.7 l/min
- Radius: 13.1 to 27.7 m
- Pressure range: 3.4 to 6.9 bars; 340 to 690 kPa
- Pressure rating: 10 bars; 1,000 kPa





G85B

Overall Height	24.5 cm
Pop-up Height	9.5 cm
Flange Diameter	13.7 cm
Inlet Size	1-1/4" Female ACME

TTS-885 / G885 / G85B NOZZLE PERFORMANCE DATA* - METRIC

Nozzle			Pressure		Radius	Flow		Precip mm/hr	
			bar	kPa	m	m ³ /hr	l/min	■	▲
Orange  803603	10 ° Lt. Green	Dk. Green  315312	3.4	344	11.3	2.02	33.7	15.9	18.4
			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  803603	13 ° Lt. Blue	White  315314	3.4	344	14.3	2.59	43.2	12.6	14.6
			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  803603	15 ° White	White  315314	3.4	344	15.9	2.93	48.8	11.7	13.5
			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
			4.8	482	16.2	3.52	58.7	13.5	15.6
			5.5	551	16.5	3.75	62.5	13.8	16.0
Orange  803603	18 ° Orange	Lt. Green  315313	3.4	344	17.4	3.77	62.8	12.5	14.4
			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
			4.8	482	18.3	4.41	73.4	13.2	15.2
			5.5	551	18.6	4.66	77.6	13.5	15.6
Orange  803603	20 ° Tan	Lt. Green  315313	3.4	344	18.0	4.07	67.8	12.6	14.5
			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
			4.8	482	19.2	4.68	78.0	12.7	14.7
			5.5	551	19.5	5.02	83.7	13.2	15.2
Orange  803603	23 ° Green	Lt. Green  315313	3.4	344	19.8	4.59	76.5	11.7	13.5
			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
			4.8	482	20.4	5.50	91.6	13.2	15.2
			5.5	551	21.0	5.88	98.0	13.3	15.4
Red  803602	25 ° Blue	Green  315310	4.5	450	21.6	6.43	107.1	13.7	15.8
			4.8	482	21.9	6.66	110.9	13.8	16.0
			5.5	551	22.3	7.16	119.2	14.5	16.7
			6.2	620	22.6	7.59	126.4	14.9	17.2
			6.9	689	22.9	8.04	134.0	15.4	17.8
Red  803602	33 ° Grey	Green  315310	4.5	450	21.9	6.95	115.8	14.4	16.7
			4.8	482	22.3	7.18	119.6	14.5	16.7
			5.5	551	22.9	7.70	128.3	14.7	17.0
			6.2	620	23.5	8.13	135.5	14.8	17.0
			6.9	689	24.1	8.61	143.5	14.8	17.1
Red  803602	38 ° Red	Green  315310	4.5	450	23.2	7.93	132.1	14.8	17.1
			4.8	482	23.8	8.22	137.0	14.5	16.8
			5.5	551	24.4	8.88	148.0	14.9	17.2
			6.2	620	25.0	9.36	156.0	15.0	17.3

6.9	689	25.6	9.88	164.7	15.1	17.4			
Red  803602	43 ° Dk. Brown	Green  315310	-	-	-	-	-	-	-
			4.8	482	24.7	9.36	156.0	15.4	17.7
			5.5	551	25.3	9.88	164.7	15.4	17.8
			6.2	620	26.2	10.49	174.9	15.3	17.6
			6.9	689	27.1	11.06	184.3	15.0	17.4
Dk. Red  803601	48 ° Dk. Green	Dk. Green  315312	-	-	-	-	-	-	-
			4.8	482	25.3	10.52	175.3	16.4	19.0
			5.5	551	25.9	10.99	183.2	16.4	18.9
			6.2	620	27.1	11.74	195.7	16.0	18.4
			6.9	689	27.7	12.38	206.3	16.1	18.6
Dk. Red  803601	53 ° Dk. Blue	Dk. Green  315312	-	-	-	-	-	-	-
			4.8	482	26.5	11.52	191.9	16.4	18.9
			5.5	551	27.1	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

Note: Nozzle plug P/N 315300 installed in the back side of the nozzle housing.

Nozzles #10 thru #20 and low-angle nozzles available summer 2013.

P/N	Color	Profile	4.5 Bar		5.5 Bar	
			Metres	L/M	Metres	L/M
803604	Peach		7.6	12.9	8.2	14.8
803603	Orange		8.5	14.4	8.8	15.9
803602	Red		9.4	15.9	10.1	17.0
803601	Dk. Red		10.4	17.4	11.0	18.5
315314	White		11.3	10.6	11.6	11.0
315313	Lt. Green		12.8	16.3	13.4	17.8
315310	Green		14.0	19.7	14.6	21.6
315312	Dk. Green		14.9	29.9	15.5	33.3

CONTOUR BACK-NOZZLES



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