

# PRO FIXED NOZZLES

Pro Fixed Nozzles are designed for high accuracy within a variety of landscape shapes and sizes.

## KEY BENEFITS

- Clean edges for a defined pattern with better wind resistance
- Large water droplets minimise misting with better uniformity
- Sturdy construction ensures reliable performance
- Colour-coded for easy field identification

## OPERATING SPECIFICATIONS

- Recommended operating pressure: 2.1 bar; 210 kPa
- Pair with Pro-Spray PRS30 Sprinkler Body for pressure regulation to 2.1 bar; 210 kPa
- Warranty period: 2 years

PRO FIXED NOZZLES						
ARC	5	8	10	12	15	17
Q						
T	Use 4A/6A Nozzle					Use 17A Nozzle
H						
F						Use 17A Nozzle
	1.5 m	2.4 m	3.0 m	3.7 m	4.6 m	5.2 m

PRO FIXED NOZZLES PERFORMANCE DATA



**5** 1.5 m radius  
Fixed: ¼, ½, Full  
● Blue Trajectory: 0°

**8** 2.4 m radius  
Fixed: ¼, ½, ½, Full  
● Brown Trajectory: 15°

**10** 3.0 m radius  
Fixed: ¼, ½, ½, Full  
● Red Trajectory: 15°

Arc	Position	Pressure		Radius m	Flow		Precip mm/hr		Radius m	Flow		Precip mm/hr		Radius m	Flow		Precip mm/hr	
		bar	kPa		m <sup>3</sup> /hr	l/min	■	▲		m <sup>3</sup> /hr	l/min	■	▲		m <sup>3</sup> /hr	l/min	■	▲
90° Q	Q	1.0	100	1.1	0.02	0.30	60	69	1.8	0.04	0.62	46	53	2.4	0.07	1.08	45	52
		1.5	150	1.3	0.02	0.38	54	62	2.1	0.05	0.84	46	53	2.7	0.08	1.33	44	51
		<b>2.1</b>	<b>210</b>	<b>1.5</b>	<b>0.03</b>	<b>0.46</b>	<b>49</b>	<b>57</b>	<b>2.4</b>	<b>0.05</b>	<b>0.91</b>	<b>38</b>	<b>44</b>	<b>3.0</b>	<b>0.09</b>	<b>1.57</b>	<b>42</b>	<b>48</b>
		2.5	250	1.7	0.03	0.51	42	49	2.7	0.06	0.98	32	37	3.3	0.10	1.71	38	44
		3.0	300	1.8	0.03	0.53	39	45	2.7	0.06	1.10	36	42	3.4	0.11	1.85	38	44
120° T	T	1.0	100	Use 4A or 6A Nozzle					1.8	0.05	0.83	46	53	2.4	0.09	1.44	45	52
		1.5	150						2.1	0.07	1.10	45	52	2.7	0.11	1.77	44	50
		<b>2.1</b>	<b>210</b>						<b>2.4</b>	<b>0.07</b>	<b>1.21</b>	<b>38</b>	<b>44</b>	<b>3.0</b>	<b>0.13</b>	<b>2.09</b>	<b>42</b>	<b>48</b>
		2.5	250						2.7	0.08	1.32	33	38	3.3	0.14	2.31	38	44
		3.0	300						2.7	0.09	1.44	36	41	3.4	0.15	2.50	39	45
180° H	H	1.0	100	1.1	0.04	0.60	60	69	1.8	0.08	1.33	49	57	2.4	0.13	2.17	45	52
		1.5	150	1.3	0.05	0.76	54	62	2.1	0.10	1.63	44	51	2.7	0.16	2.65	44	50
		<b>2.1</b>	<b>210</b>	<b>1.5</b>	<b>0.06</b>	<b>0.87</b>	<b>49</b>	<b>57</b>	<b>2.4</b>	<b>0.11</b>	<b>1.80</b>	<b>38</b>	<b>43</b>	<b>3.0</b>	<b>0.19</b>	<b>3.14</b>	<b>42</b>	<b>48</b>
		2.5	250	1.7	0.06	0.95	42	49	2.7	0.12	1.93	32	37	3.3	0.22	3.60	40	46
		3.0	300	1.8	0.06	1.04	39	44	2.7	0.13	2.10	35	40	3.4	0.23	3.90	40	47
360° F	F	1.0	100	1.1	0.07	1.20	60	69	1.8	0.16	2.67	49	57	2.4	0.26	4.33	45	52
		1.5	150	1.3	0.09	1.52	54	62	2.1	0.20	3.33	45	52	2.7	0.32	5.31	44	50
		<b>2.1</b>	<b>210</b>	<b>1.5</b>	<b>0.11</b>	<b>1.85</b>	<b>49</b>	<b>57</b>	<b>2.4</b>	<b>0.22</b>	<b>3.67</b>	<b>38</b>	<b>44</b>	<b>3.0</b>	<b>0.38</b>	<b>6.28</b>	<b>42</b>	<b>48</b>
		2.5	250	1.7	0.12	2.04	42	49	2.7	0.24	4.01	33	38	3.3	0.41	6.85	38	44
		3.0	300	1.8	0.12	2.10	39	45	2.7	0.26	4.35	36	41	3.4	0.42	6.97	36	42

Bold = Recommended pressure

Pro Fixed Nozzles



PRO FIXED NOZZLES PERFORMANCE DATA



**12** 3.7 m radius  
Fixed: ¼, ⅓, ½, ⅔, ¾, Full  
● Green Trajectory: 28°



**15** 4.6 m radius  
Fixed: ¼, ⅓, ½, ⅔, ¾, Full  
● Black Trajectory: 28°



**17** 5.2 m radius  
Fixed: ¼, ½  
● Grey Trajectory: 28°

Arc	Position	Pressure		Radius m	Flow		Precip mm/hr		Radius m	Flow		Precip mm/hr		Radius m	Flow		Precip mm/hr	
		bar	kPa		m <sup>3</sup> /hr	l/min	■	▲		m <sup>3</sup> /hr	l/min	■	▲		m <sup>3</sup> /hr	l/min	■	▲
90° 	Q	1.0	100	3.0	0.10	1.58	42	49	3.9	0.15	2.50	39	46	4.7	0.19	3.17	34	40
		1.5	150	3.4	0.12	2.00	42	48	4.2	0.18	3.06	42	48	4.9	0.23	3.88	39	45
		<b>2.1</b>	<b>210</b>	<b>3.7</b>	<b>0.15</b>	<b>2.43</b>	<b>43</b>	<b>49</b>	<b>4.6</b>	<b>0.22</b>	<b>3.62</b>	<b>41</b>	<b>47</b>	<b>5.2</b>	<b>0.28</b>	<b>4.59</b>	<b>41</b>	<b>47</b>
		2.5	250	4.0	0.16	2.69	40	47	4.9	0.24	3.95	39	46	5.5	0.30	5.01	40	46
		3.0	300	4.0	0.18	2.95	44	51	5.2	0.26	4.32	38	44	5.8	0.32	5.30	38	44
120° 	T	1.0	100	3.0	0.13	2.11	42	49	3.9	0.20	3.33	39	46	Use 17A Nozzle				
		1.5	150	3.4	0.16	2.67	42	48	4.2	0.24	4.08	42	48					
		<b>2.1</b>	<b>210</b>	<b>3.7</b>	<b>0.19</b>	<b>3.25</b>	<b>43</b>	<b>49</b>	<b>4.6</b>	<b>0.29</b>	<b>4.83</b>	<b>41</b>	<b>47</b>					
		2.5	250	4.0	0.22	3.67	41	48	4.9	0.32	5.27	40	46					
		3.0	300	4.0	0.24	3.94	44	51	5.2	0.35	5.75	38	44					
180° 	H	1.0	100	3.0	0.19	3.17	42	49	3.9	0.30	5.00	39	46	4.7	0.38	6.33	34	40
		1.5	150	3.4	0.24	4.01	42	48	4.2	0.37	6.12	42	48	4.9	0.47	7.76	39	45
		<b>2.1</b>	<b>210</b>	<b>3.7</b>	<b>0.29</b>	<b>4.87</b>	<b>43</b>	<b>49</b>	<b>4.6</b>	<b>0.43</b>	<b>7.25</b>	<b>41</b>	<b>47</b>	<b>5.2</b>	<b>0.55</b>	<b>9.18</b>	<b>41</b>	<b>47</b>
		2.5	250	4.0	0.32	5.39	40	47	4.9	0.47	7.91	40	46	5.5	0.60	10.01	40	46
		3.0	300	4.0	0.35	5.75	43	50	5.2	0.49	8.18	36	42	5.8	0.64	10.06	38	44
360° 	F	1.0	100	3.0	0.38	6.33	42	49	3.9	0.60	10.00	39	46	Use 17A Nozzle				
		1.5	150	3.4	0.48	8.01	42	48	4.2	0.73	12.25	42	48					
		<b>2.1</b>	<b>210</b>	<b>3.7</b>	<b>0.58</b>	<b>9.74</b>	<b>43</b>	<b>49</b>	<b>4.6</b>	<b>0.87</b>	<b>14.49</b>	<b>41</b>	<b>47</b>					
		2.5	250	4.0	0.65	10.78	40	47	4.9	0.95	15.81	40	46					
		3.0	300	4.0	0.70	11.73	44	51	5.2	0.99	16.50	37	42					

Bold = Recommended pressure