

12F



Brand: Landscape Irrigation

Product Line: Nozzles

Product Model: Pro Fixed Nozzles

SKU: 12F

Description: Pro Fixed Nozzle, 3.5 m radius, 360°, fixed arc, female thread

Shipping Information

UPC-A: 0611698113127

Qty. / Bag: 25/250

Ocean Pallet: 52000

Land Pallet: 40000

Master Carton: 250

Additional Information

Arc: 360°

Precipitation Rate: Approx 40 mm/hr

Radius: 3.5 m

PRO-SPRAY FIXED ARC NOZZLES PERFORMANCE DATA

Nozzle 8 Blue

Radius: 1.5 m
Fixed ¼, ½, Full
Trajectory 0°

Arc	Position	Pressure		Radius	Flow		Precip mm/hr	
		bar	kPa	m	m³/hr	l/min		
	Q	1.0	100	1.1	0.02	0.30	60	69
		1.5	150	1.3	0.02	0.38	54	62
		2.0	200	1.5	0.03	0.45	48	55
		2.1	210	1.5	0.03	0.46	49	57
		2.5	250	1.7	0.03	0.51	42	49
	T	1.0	100					
		1.5	150					
		2.0	200					
		2.1	210					
	H	2.5	250					
		1.0	100	1.1	0.40	0.60	60	69
		1.5	150	1.3	0.05	0.76	54	62
		2.0	200	1.5	0.05	0.90	48	53
	F	2.1	210	1.5	0.06	0.92	49	57
		2.5	250	1.7	0.06	1.02	42	49
		1.0	100	1.1	0.07	1.2	60	69
		1.5	150	1.3	0.09	1.52	54	62
		2.0	200	1.5	0.11	1.79	48	55
		2.1	210	1.5	0.11	1.85	49	57
		2.5	250	1.7	0.12	2.04	42	49

Nozzle 8 Brown

Radius: 2.4 m
Fixed ¼, ½, Full
Trajectory 15°

Arc	Position	Pressure		Radius	Flow		Precip mm/hr	
		bar	kPa	m	m³/hr	l/min		
	Q	1.0	100	1.7	0.04	0.62	51	59
		1.5	150	2.1	0.05	0.84	46	53
		2.0	200	2.4	0.06	1.00	42	48
		2.1	210	2.4	0.06	1.03	43	49
		2.5	250	2.7	0.07	1.13	37	43
	T	1.0	100	1.7	0.05	0.83	51	59
		1.5	150	2.1	0.07	1.12	46	53
		2.0	200	2.4	0.08	1.33	42	48
		2.1	210	2.4	0.08	1.37	43	49
	H	2.5	250	2.7	0.09	1.51	37	33
		1.0	100	1.7	0.08	1.33	55	64
		1.5	150	2.1	0.10	1.69	46	53
		2.0	200	2.4	0.12	1.99	42	48
	F	2.1	210	2.4	0.12	2.05	43	49
		2.5	250	2.7	0.14	2.27	37	43
		1.0	100	1.7	0.16	2.67	55	64
		1.5	150	2.1	0.20	3.37	46	53
		2.0	200	2.4	0.24	3.99	42	48
		2.1	210	2.4	0.25	4.10	43	49
		2.5	250	2.7	0.27	4.54	37	43

Nozzle 10 Red

Radius: 3.0 m
Fixed ¼, ½, Full
Trajectory 15°

Arc	Position	Pressure		Radius	Flow		Precip mm/hr	
		bar	kPa	m	m³/hr	l/min		

90° 	Q	1.0	100	2.4	0.07	1.08	45	52
		1.5	150	2.7	0.08	1.33	44	50
		2.0	200	3.0	0.09	1.53	41	47
		2.1	210	3.0	0.09	1.57	42	48
		2.5	250	3.3	0.10	1.71	38	44
120° 	T	1.0	100	2.4	0.09	1.44	45	52
		1.5	150	2.7	0.11	1.77	44	50
		2.0	200	3.0	0.12	2.04	41	47
		2.1	210	3.0	0.13	2.09	42	48
		2.5	250	3.3	0.21	3.43	38	44
180° 	H	1.0	100	2.4	0.13	2.17	45	52
		1.5	150	2.7	0.16	2.65	44	50
		2.0	200	3.0	0.18	3.06	41	47
		2.1	210	3.0	0.19	3.14	42	48
		2.5	250	3.3	0.21	3.43	38	44
360° 	F	1.0	100	2.4	0.26	4.33	45	52
		1.5	150	2.7	0.32	5.31	44	50
		2.0	200	3.0	0.37	6.13	41	47
		2.1	210	3.0	0.38	6.28	42	48
		2.5	250	3.3	0.41	6.85	38	44

Nozzle  Green

Radius: 3.7 m
Fixed ¼, ½, ¾, Full
Trajectory 28°

Arc	Position	Pressure		Radius	Flow		Precip mm/hr	
		bar	kPa	m	m³/hr	l/min		
90° 	Q	1.0	100	3.0	0.10	1.58	42	49
		1.5	150	3.4	0.12	2.00	42	48
		2.0	200	3.7	0.14	2.37	41	48
		2.1	210	3.7	0.15	2.43	43	49
		2.5	250	4.0	0.16	2.69	40	47
120° 	T	1.0	100	3.0	0.13	2.11	42	49
		1.5	150	3.4	0.16	2.67	42	48
		2.0	200	3.7	0.19	3.16	41	48
		2.1	210	3.7	0.19	3.25	43	49
		2.5	250	4.0	0.22	3.59	40	47
180° 	H	1.0	100	3.0	0.19	3.17	42	49
		1.5	150	3.4	0.24	4.01	42	48
		2.0	200	3.7	0.28	4.73	41	48
		2.1	210	3.7	0.29	4.87	43	49
		2.5	250	4.0	0.32	5.39	40	47
360° 	F	1.0	100	3.0	0.38	6.33	42	49
		1.5	150	3.4	0.48	8.01	42	48
		2.0	200	3.7	0.57	9.47	41	48
		2.1	210	3.7	0.58	9.74	43	49
		2.5	250	4.0	0.65	10.78	40	47

Nozzle  Black

Radius: 4.6 m
Fixed ¼, ½, ¾, Full
Trajectory 28°

Arc	Position	Pressure		Radius	Flow		Precip mm/hr	
		bar	kPa	m	m³/hr	l/min		
90° 	Q	1.0	100	3.9	0.15	2.50	39	46
		1.5	150	4.2	0.18	3.06	42	48
		2.0	200	4.6	0.21	3.54	40	46
		2.1	210	4.6	0.22	3.62	41	47
		2.5	250	4.9	0.24	3.95	40	46
120° 	T	1.0	100	3.9	0.20	3.33	39	46
		1.5	150	4.2	0.24	4.08	42	48
		2.0	200	4.6	0.28	4.71	40	46
		2.1	210	4.6	0.29	4.83	41	47
		2.5	250	4.9	0.32	5.27	40	46
180° 	H	1.0	100	3.9	0.30	5.00	39	46
		1.5	150	4.2	0.37	6.12	42	48
		2.0	200	4.6	0.42	7.07	40	46
		2.1	210	4.6	0.43	7.25	41	47
		2.5	250	4.9	0.47	7.91	40	46
360° 	F	1.0	100	3.9	0.60	10.00	39	46
		1.5	150	4.2	0.73	12.25	42	48
		2.0	200	4.6	0.85	14.14	40	46
		2.1	210	4.6	0.87	14.49	41	47
		2.5	250	4.9	0.95	15.81	40	46

<https://api.hunterirrigation.com/en-metric/irrigation-product/pro-fixed-nozzles/12f020326>