

Jet+ / JFR Jet Stream Sprayers



Jet+ / JFR Specifications

Jet+ sprayer:

Flow rates at 2.0 bar: 30, 39, 51, 64, 75, 102 lph

Operating pressure range: 1.5-3.0 bar

Wetting diameter: up to 8.6 m, according to flow rate and operating pressure

JFR flow-regulated sprayer:

Ensures constant flow rate in varying pressure

Flow rates: 23, 30, 41, 53, 70, 95 lph

Operating pressure range: 1.5-3.5 bar

Wetting diameter: 3.2-6.4 m, according to flow rate

The Rivulis Jet+ and JFR Jet Stream Sprayers offer a unique package of features that deliver high performance in orchard applications. Included in the features of the Rivulis Jet+ and JFR Jet Stream Sprayers are anti-insect devices, retracting splash plates, and motionless operation. And with the JFR Jet Stream Sprayer, you get the added feature of flow regulation. The Jet+ and JFR Jet Stream Sprayers are available in half, partial, and full circle patterns and can be combined with snap-on range limiters for watering young trees.

Get the features you need for a precise, dependable irrigation system made to last throughout the entire season.

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Range limiter

Splash plate

Bayonet nozzle:
3/8" THM
or Ultra 5mm

Diaphragm and
housing for JFR

Jet+ - Maximum Recommended No. of Sprayers on Irrigation Laterals

Nozzle Color & Lph*	Wetting Diameter (m)*	Emitter Spacing (m)	Pipe Diameter (mm)		
			Outside Diameter / Inside Diameter 16 / 13.6	17.8 / 15.2	20 / 17.4
Light Blue	4.2	3	21	25	32
30	4.2	4	19	23	29
	4.2	5	17	21	27
Black	4.6	3	20	24	31
39	4.6	4	18	22	27
	4.6	5	16	20	25
Blue	5.4	4	14	18	22
51	5.4	5	13	16	21
	5.4	6	12	15	19
Dark Blue	5.8	4	12	15	19
64	5.8	5	11	13	17
	5.8	6	10	12	16
Green	7.0	4	10	13	17
75	7.0	5	10	12	15
	7.0	6	9	11	14
Red	8.6	4	8	10	13
102	8.6	5	8	10	12
	8.6	6	7	9	12

* Nozzle at 25 cm above ground level, flow rate at 2.0 bar

JFR - Maximum Recommended No. of Sprayers on Irrigation Laterals

Nozzle Color & Size (mm)	Flow Rate (lph)	Wetting Diameter (m)*	Emitter Spacing (m)	Pipe Diameter (mm)								
				OD 16 / ID 13.6			OD 17.8 / ID 15.2			OD 20 / ID 17.4		
				Lateral Inlet Pressure (bar)								
				1.6	2	3	1.6	2	3	1.6	2	3
Black	23	3.2	3	15	27	40	18	33	49	23	42	62
0.85	23	3.2	4	14	25	37	17	30	44	21	38	56
	23	3.2	5	13	23	34	16	28	41	20	35	52
Blue	30	4	3	13	24	36	16	29	43	20	36	54
1.0	30	4	4	12	21	32	15	26	39	18	33	49
	30	4	5	11	20	30	13	24	36	17	30	45
Dark	41	4	3	11	20	29	13	24	35	17	30	45
Blue	41	4	4	10	18	26	12	21	32	15	27	40
1.1	41	4	5	9	16	24	11	20	29	14	25	37
Green	53	4.4	4	8	15	22	10	18	27	13	23	34
1.2	53	4.4	5	8	14	21	9	17	25	12	21	31
	53	4.4	6	7	13	19	9	16	23	11	20	29
Red	70	6.4	4	7	13	19	8	15	23	11	19	29
1.4	70	6.4	5	6	12	17	8	14	21	10	18	26
	70	6.4	6	6	11	16	7	13	20	9	17	25
White	95	6.4	4	5	9	14	6	11	17	8	14	22
1.6	95	6.4	5	4	8	13	5	10	16	7	13	20
	95	6.4	6	4	8	12	5	10	15	7	12	19

* Nozzle at 25 cm above ground level