

PRODUCT INTRODUCTION

SPRINKLER SERIES

A complete range of irrigation guns for agricultural irrigation, landscaping, industrial cooling and dust suppression. Impact, swing-arm and turbine-drive models are offered with multiple nozzle, pressure, flow and throw options, together with compatible supports and mobile carts.

CATALOG OVERVIEW

Horizontal Impact Sprinklers	01–03	Premium Multi-Nozzle Series	15–18
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Rain Guns	14		



FS25

Horizontal Impact Sprinkler



FS25B

Dual outlets

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.15-0.4MPa
Application	Agriculture, forestry and landscaping	Flow Rate	1.2-6.1m³/h
Connection	1" female thread	Throw Radius	12.5-19.5m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
5	0.15	1.2	12.5
	0.2	1.3	13.5
	0.3	1.6	15
	0.4	1.9	16.5
6	0.15	1.6	13
	0.2	1.9	14.5
	0.3	2.3	16.5
	0.4	2.7	17.5
7	0.15	2.2	14
	0.2	2.6	15
	0.3	3.1	17
	0.4	3.7	18.5
9	0.15	3.7	15
	0.2	4.3	16.5
	0.3	5.2	18.5
	0.4	6.1	19.5



FS30

Horizontal Impact Sprinkler

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.15-0.5MPa
Application	Agriculture, forestry and landscaping	Flow Rate	5.1-24.8m³/h
Connection	1-1/2" female thread	Throw Radius	16-29m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
8 7	0.15	5.1	16
	0.2	5.9	17.5
	0.3	7.2	19.5
	0.4	8.4	21
10 7	0.2	7.8	18
	0.3	9.5	21
	0.4	11	23
	0.5	12.4	24.5
12 7	0.2	10.1	19.5
	0.3	12.4	22
	0.4	14.3	25
	0.5	16.1	27.5
14 7	0.2	12.9	20.5
	0.3	15.8	23.5
	0.4	18.3	26
	0.5	20.5	28.5
16 7	0.2	16	21
	0.3	19.6	24
	0.4	22.7	26.5
	0.5	24.8	29

FS30B

Horizontal Impact Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.15-0.5MPa
Application	Agriculture, forestry and landscaping	Flow Rate	3.7-18.6m³/h
Connection	1-1/4" female thread	Throw Radius	16.5-29m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
8 4	0.15	3.7	16.5
	0.2	4.2	17.5
	0.3	5.2	19.5
	0.4	6	21
10 4	0.15	4.5	17
	0.2	5.3	18
	0.3	6.4	20
	0.4	7.4	21.5
12 4	0.2	6.4	19
	0.3	7.8	21
	0.4	9	22.5
	0.5	10.2	23.5
14 4	0.2	8.9	21
	0.3	10.9	23.5
	0.4	12.6	26
	0.5	14.2	28
16 4	0.2	11.8	22.5
	0.3	14.4	24
	0.4	16.7	27
	0.5	18.6	29

FS35

Horizontal Impact Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.6MPa
Application	Agriculture, forestry and landscaping	Flow Rate	7.8-31.9m³/h
Connection	1-1/2" female thread	Throw Radius	18-36m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
10 5	0.2	7.8	18
	0.3	9.5	21
	0.4	11	23
	0.5	12.4	24.5
12 5	0.2	9.1	20
	0.3	10.9	24
	0.4	12.6	27
	0.5	14.1	30
14 5	0.2	11.7	21
	0.3	14.3	25
	0.4	16.6	29
	0.5	18.5	31
16 5	0.2	14.8	22
	0.3	18.2	26
	0.4	21	30
	0.5	23.4	33
18 5	0.3	22.7	28
	0.4	26.2	31
	0.5	29.2	34
	0.6	31.9	36

FS40

Horizontal Impact Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.15-0.5MPa
Application	Agriculture, forestry and landscaping	Flow Rate	9.5-39.4m³/h
Connection	2" female thread	Throw Radius	20-43m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
12	0.15	9.5	20
	0.2	11	23
	0.3	13.4	27
	0.4	15.5	30
14	0.2	13.8	25
	0.3	16.8	29
	0.4	19.5	32
	0.5	21.8	34
16	0.2	16.9	27
	0.3	20.6	31
	0.4	23.9	34
	0.5	26.7	37
18	0.2	20.6	28
	0.3	26	33
	0.4	30.3	36
	0.5	33.6	40
20	0.2	24.6	29
	0.3	31.2	34
	0.4	36.3	38
	0.5	39.4	43

FS40-43°

Horizontal Impact Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.3-0.8MPa
Application	Dust suppression: ports, power plants and mines	Flow Rate	16.8-52m³/h
Connection	2" female thread	Throw Radius	20-55m
Trajectory	43°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
14	0.3	16.8	20
	0.4	19.5	23
	0.5	21.8	27
	0.6	23.5	30
16	0.3	20.6	25
	0.4	23.9	29
	0.5	26.7	32
	0.6	30.1	34
18	0.4	30.3	27
	0.5	33.6	31
	0.6	36.2	34
	0.7	39	37
20	0.4	36.3	28
	0.5	39.4	33
	0.6	42.2	36
	0.7	45	40
22	0.4	42.8	29
	0.5	45.2	34
	0.6	47.6	38
	0.7	49.4	43
	0.8	52	55

FSY40

Horizontal Impact Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.15-0.5MPa
Application	Agriculture, forestry and landscaping	Flow Rate	9.5-50.3m³/h
Connection	2" female thread	Throw Radius	20-46.5m
Trajectory	24°	Rotation Range	360°

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
12 8	0.15	9.5	20
	0.2	11	23
	0.3	13.4	27
	0.4	15.5	30
	0.2	13.8	25
14 8	0.3	16.8	29
	0.4	19.5	32
	0.5	21.8	34
	0.2	16.9	27
16 8	0.3	20.6	31
	0.4	23.9	34
	0.5	26.7	37
	0.2	20.6	28
18 8	0.3	26	33
	0.4	30.3	36
	0.5	33.6	40
	0.2	24.6	29
20 8	0.3	31.2	34
	0.4	36.3	38
	0.5	39.4	43
	0.2	35.4	34.5
22 8	0.3	40.9	39
	0.4	45.9	44
	0.5	50.3	46.5

FS50-24°

Vertical Swing-Arm Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry and landscaping	Flow Rate	14.2-58.8
Connection	2" flange	Throw Radius	27-55.2m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	14.2	27
	0.3	17.5	32.2
	0.4	19.9	36
	0.5	22.8	39
	0.6	24.7	42.6
	0.7	26.6	44
	0.2	17.9	29
18	0.3	21.9	34
	0.4	25.5	38.4
	0.5	28.2	42
	0.6	30.9	45
	0.7	33.2	47.2
20	0.2	22.2	31
	0.3	26.7	36
	0.4	31.5	41.2
	0.5	35.1	44
	0.6	38.1	47.1
22	0.7	42.2	49
	0.2	26.8	33
	0.3	33.5	37.5
	0.4	37.9	43
	0.5	42.5	46
24	0.6	46.5	49.5
	0.7	49.8	52
	0.2	31.8	34
	0.3	39.5	40
	0.4	45.3	44.3
	0.5	50.3	48
	0.6	54.6	52
	0.7	58.8	55.2

FS50-43°

Vertical Swing-Arm Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.3-0.8MPa
Application	Industrial dust suppression; Ports, power plants and mines	Flow Rate	17.5-63.3
Connection	2" flange	Throw Radius	31-53m
Trajectory	43°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.3	17.5	31
	0.4	19.9	34
	0.5	22.8	36
	0.6	24.7	39
	0.7	26.6	41
	0.8	28.5	42
	0.3	21.9	33
18	0.4	25.5	36
	0.5	28.2	39
	0.6	30.9	41
	0.7	33.2	43
	0.8	35.8	45
20	0.3	25.8	35
	0.4	32.3	39
	0.5	35	41
	0.6	38.5	44
	0.7	41.5	46
22	0.8	44.5	48
	0.3	33.5	38
	0.4	37.9	41
	0.5	42.5	44
	0.6	46.5	46
24	0.7	49.8	48
	0.8	53.2	50
	0.3	39.5	40
	0.4	45.3	43.6
	0.5	50.3	46
	0.6	54.6	48
	0.7	58.8	51.5
	0.8	63.3	53

FS50L-24°

Vertical Swing-Arm Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	22.2-92.8
Connection	2" flange	Throw Radius	31-63.5m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
20	0.2	22.2	31
	0.3	26.7	36
	0.4	31.5	41.2
	0.5	35.1	44
	0.6	38.1	47.1
22	0.7	42.2	49
	0.2	26.8	33
	0.3	33.5	37.5
	0.4	37.9	43
	0.5	42.5	46
24	0.6	46.5	49.5
	0.7	49.8	52
	0.2	31.8	34
	0.3	39.5	40
	0.4	45.3	44.3
26	0.5	50.3	48
	0.6	54.6	52
	0.7	58.8	55.2
	0.2	37.5	36.6
	0.3	45.7	42
28	0.4	52.3	47
	0.5	58.9	51.5
	0.6	64.5	55
	0.7	69	58
	0.2	43.2	37
30	0.3	52.7	43
	0.4	61.1	49
	0.5	67.8	53.2
	0.6	74.6	57
	0.7	81	60
	0.2	49.3	39
	0.3	60.5	45
	0.4	70	51
	0.5	78	55.8
	0.6	85.7	59
	0.7	92.8	63.5

FS50L-43°

Vertical Swing-Arm Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.3-0.8MPa
Application	Industrial dust suppression; Ports, power plants and mines	Flow Rate	17.5-98.9
Connection	2" flange	Throw Radius	31-58.8m
Trajectory	43°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
20	0.3	17.5	31
	0.4	19.9	34
	0.5	22.8	36
	0.6	24.7	39
	0.7	26.6	41
22	0.8	28.5	42
	0.3	21.9	33
	0.4	25.5	36
	0.5	28.2	39
	0.6	30.9	41
24	0.7	33.2	43
	0.8	35.8	45
	0.3	25.8	35
	0.4	32.3	39
	0.5	35	41
26	0.6	38.5	44
	0.7	41.5	46
	0.8	44.5	48
	0.3	33.5	38
	0.4	37.9	41
28	0.5	42.5	44
	0.6	46.5	46
	0.7	49.8	48
	0.8	53.2	50
	0.3	39.5	40
30	0.4	45.3	43.6
	0.5	50.3	46
	0.6	54.6	48
	0.7	58.8	51.5
	0.8	63.3	53
	0.3	60.2	47
	0.4	71.5	51
	0.5	78.3	53
	0.6	85.5	54
	0.7	92.8	56.3
	0.8	98.9	58.8

FSC50

Metal Vertical Swing-Arm Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.15-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	9-69.3m³/h
Connection	2" female thread/ flange	Throw Radius	23-56m
Trajectory	24°	Rotation Range	0-360° adjustable
		Rotation Speed	Adjustable speed

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
14	0.15	9	23
	0.2	10.4	25
	0.3	12.7	29
16	0.4	14.7	32
	0.2	13.5	27
	0.3	16.5	32
18	0.4	19.2	36
	0.5	21.3	39
	0.2	17.1	29
20	0.3	21	33
	0.4	24.2	37
	0.5	27.1	41
22	0.2	21.2	30
	0.3	25.9	35
	0.4	30	39
24	0.5	33.6	43
	0.3	31.3	37
	0.4	36.2	41
26	0.5	40.5	45
	0.6	44.4	48
	0.3	37.3	38
	0.4	43.2	43
	0.5	48.3	47
	0.6	52.9	50
	0.4	54	47
	0.5	59.6	49
	0.6	64.5	53
	0.7	69.3	56

FSC50

Multi-Nozzle Metal Swing-Arm Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.15-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	9-69.3m³/h
Connection	2" female thread/ flange	Throw Radius	23-56m
Trajectory	24°	Rotation Range	0-360° adjustable
	Auxiliary nozzle for near-range flow compensation	Rotation Speed	Adjustable speed

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
14	0.15	9	23
	0.2	10.4	25
	0.3	12.7	29
16	0.4	14.7	32
	0.2	13.5	27
	0.3	16.5	32
18	0.4	19.2	36
	0.5	21.3	39
	0.2	17.1	29
20	0.3	21	33
	0.4	24.2	37
	0.5	27.1	41
22	0.2	21.2	30
	0.3	25.9	35
	0.4	30	39
24	0.5	33.6	43
	0.3	31.3	37
	0.4	36.2	41
26	0.5	40.5	45
	0.6	44.4	48
	0.3	37.3	38
	0.4	43.2	43
	0.5	48.3	47
	0.6	52.9	50
	0.4	54	47
	0.5	59.6	49
	0.6	64.5	53
	0.7	69.3	56



FSC50L-43°

Metal Vertical Swing-Arm Sprinkler

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.3-0.8MPa
Application	Dust suppression: ports, power plants and mines	Flow Rate	17.5-98.9m³/h
Connection	2" female thread/ flange	Throw Radius	31-58.8m
Trajectory	43°	Rotation Range	0-360° adjustable
		Rotation Speed	Adjustable speed

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
20	0.3	17.5	31
	0.4	19.9	34
	0.5	22.8	36
	0.6	24.7	39
	0.7	26.6	41
22	0.8	28.5	42
	0.3	21.9	33
	0.4	25.5	36
	0.5	28.2	39
	0.6	30.9	41
24	0.7	33.2	43
	0.8	35.8	45
	0.3	25.8	35
	0.4	32.3	39
	0.5	35	41
26	0.6	38.5	44
	0.7	41.5	46
	0.8	44.5	48
	0.3	33.5	38
	0.4	37.9	41
28	0.5	42.5	44
	0.6	46.5	46
	0.7	49.8	48
	0.8	53.2	50
	0.3	39.5	40
30	0.4	45.3	43.6
	0.5	50.3	46
	0.6	54.6	48
	0.7	58.8	51.5
	0.8	63.3	53

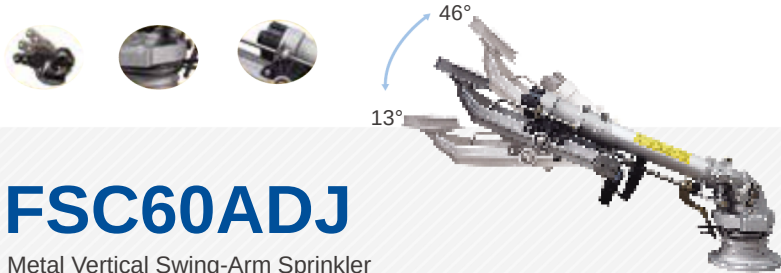
FSR50-18°

Metal Vertical Swing-Arm Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.25-0.6MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	11.4-37.2m³/h
Connection	2" flange	Throw Radius	25.5-43m
Trajectory	18°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
14.3	0.25	11.4	25.5
	0.3	12.4	28
	0.4	14.4	30
	0.5	16.1	33
	0.6	17.6	36
15.2	0.25	13.6	27
	0.3	15.9	29
	0.4	17.2	32
	0.5	19.3	35
	0.6	21.1	37
16.5	0.25	16	28
	0.3	17.6	30
	0.4	20.3	33
	0.5	22.7	36
	0.6	24.8	39
17.8	0.25	18.5	30
	0.3	20.3	31
	0.4	23.4	35
	0.5	26.1	38
	0.6	28.6	41
19.1	0.25	21.1	31
	0.3	23.1	33
	0.4	26.7	36
	0.5	29.9	39
	0.6	32.7	42
20.3	0.25	24	32
	0.3	26.3	34
	0.4	30.4	37
	0.5	34	41
	0.6	37.2	43

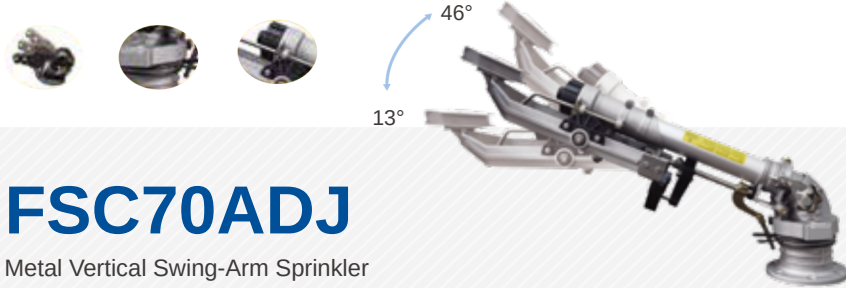


FSC60ADJ

Metal Vertical Swing-Arm Sprinkler

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, urban green areas, dust suppression	Flow Rate	20.5-95.6m³/h
Connection	60 flange	Throw Radius	27-64.5m
Throw Radius	13-46° adjustable	Rotation Range	0-360° adjustable
Key Advantage	flange	Rotation Speed	Adjustable speed

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
18	0.2	29	27
	0.3	32.5	34
	0.4	24.6	39
	0.5	30	43
	0.2	34.8	29
20	0.3	38.9	35
	0.4	29	41
	0.5	35.4	45
	0.2	41	31
	0.3	45.9	37
22	0.4	41.4	42
	0.5	48	47
	0.3	41.4	38
	0.4	48	44
	0.5	53.7	49
24	0.6	58.8	52
	0.3	48	42
	0.4	55.5	47
	0.5	62.2	51
	0.6	68.1	54
26	0.4	63.7	49.5
	0.5	71.3	52
	0.6	78	56
	0.7	84	59.5
	0.4	72.4	50
28	0.5	81	54
	0.6	88.7	58
	0.7	95.6	62.5
	0.8	102.5	66
	0.4	81.7	52



FSC70ADJ

Metal Vertical Swing-Arm Sprinkler

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, urban green areas, dust suppression	Flow Rate	20.5-153.6m³/h
Connection	70 flange	Throw Radius	27-74.8m
Trajectory	13-46° adjustable	Rotation Range	0-360° adjustable
Key Advantage	flange	Rotation Speed	Adjustable speed

Nozzle Diamete	Pressure	Flow Rate	Throw	Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m	mm	MPa	m³/h	m
18	0.2	20.5	27	28	0.4	63.7	49.5
	0.3	25.1	34		0.5	71.3	52
	0.4	29	39		0.6	78	56
	0.5	32.5	43		0.7	84	59.5
	0.2	24.6	29	30	0.4	72.4	50
20	0.3	30	35		0.5	81	54
	0.4	34.8	41		0.6	88.7	58
	0.5	38.9	45		0.7	95.6	62.5
	0.2	29	31	32	0.4	81.7	52
22	0.3	35.4	37		0.5	91.3	56
	0.4	41	42		0.6	100	59.5
	0.5	45.9	47		0.7	107.9	63
	0.3	41.4	38	34	0.5	102.5	57.5
24	0.4	48	44		0.6	112.3	61
	0.5	53.7	49		0.7	121	64.5
	0.6	58.8	52		0.8	129.7	68
	0.3	48	42	36	0.5	115	59.5
26	0.4	55.5	47		0.6	135.3	67.5
	0.5	62.2	51		0.7	144	72
	0.6	68.1	54		0.8	153.6	74.8
	0.4	64.5	50				

FS80

Metal Vertical Swing-Arm Sprinkler

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.3-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	31.3-174m³/h
Connection	80 flange	Throw Radius	23-80m
Trajectory	16°-46° adjustable	Rotation Range	0-360° adjustable
		Rotation Speed	Adjustable speed



Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
22	0.3	31.3	23
	0.4	36.2	25
	0.5	40.5	29
	0.6	44.4	32
24	0.3	37.3	27
	0.4	43.2	32
	0.5	48.3	36
	0.6	52.9	39
26	0.3	43.9	29
	0.4	50.7	33
	0.5	56.7	37
	0.6	62.2	41
28	0.3	50.9	30
	0.4	58.8	35
	0.5	65.7	39
	0.6	72.1	43
30	0.3	58.4	37
	0.4	67.6	41
	0.5	75.6	45
	0.6	82.8	48

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
32	0.4	76.9	54
	0.5	85.9	58
	0.6	94.2	62
	0.7	101.6	66
34	0.5	97.1	59
	0.6	106.4	64
	0.7	114.8	68
	0.8	122.8	72
36	0.5	108.8	61
	0.6	119.3	66
	0.7	128.6	70
	0.8	137.7	74
38	0.5	121.3	63
	0.6	132.9	68
	0.7	143.4	72
	0.8	153.5	76
40	0.5	134.4	65
	0.6	147.3	69
	0.7	165.8	77
	0.8	174	80

FS100

Vertical Swing-Arm Sprinkler

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.5-1.0MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	108.8-322m³/h
Connection	85 flange	Throw Radius	65-99m
Trajectory	15°-35° adjustable	Rotation Range	0-360° adjustable
		Rotation Speed	Adjustable speed



Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
36	0.5	108.8	65
	0.6	119.3	68
	0.7	128.6	72
	0.8	137.7	77
38	0.5	121.3	66
	0.6	132.9	69.5
	0.7	143.4	74
	0.8	153.5	78.5
40	0.6	147.3	71
	0.7	158.9	76
	0.8	170	80
	0.9	180.3	82
42	0.6	162.3	72
	0.7	175.1	77.5
	0.8	187.4	82
	0.9	198.8	86

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
44	0.6	178.1	74
	0.7	192.2	80
	0.8	205.6	85
	0.9	218.1	90
46	0.6	194.8	75
	0.7	210.2	82
	0.8	224.9	88
	1.0	251.6	93
48	0.6	212.1	76
	0.7	228.8	83
	0.8	244.9	89
	1.0	273.9	95
50	0.6	250	83
	0.7	271	89
	0.8	289	94
	1.0	322	99



FSW40

Turbine Worm-Drive Sprinkler

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.5MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	9.5-37m³/h
Connection	1-1/2" female thread	Throw Radius	22-41m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
12	0.2	9.5	22
	0.3	11.6	25
	0.4	13.4	28
	0.5	15.1	31
14	0.2	11.7	24
	0.3	15	27
	0.4	17.4	30
	0.5	19.4	33
16	0.2	15.4	26
	0.3	18.9	29
	0.4	21.8	32
	0.5	24.3	35
18	0.2	19	28
	0.3	24.2	31
	0.4	28.3	34
	0.5	31.3	37
20	0.2	21.2	30
	0.3	29.4	33
	0.4	34.3	37
	0.5	37	41

FSW40 PRO

Turbine Worm-Drive Sprinkler - Single/Dual Speed

FSW40ADJ

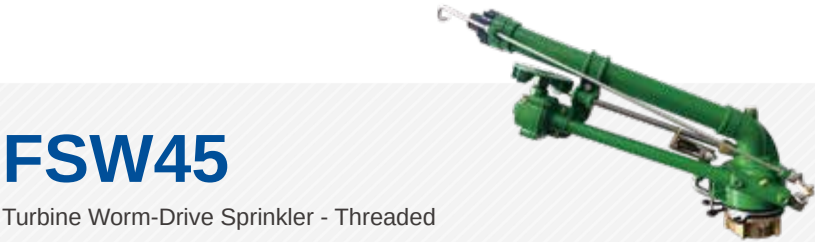
Multi-Nozzle Turbine Worm-Drive Sprinkler

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.5MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	9.5-37m³/h
Connection	1-1/2" female thread	Throw Radius	22-41m
Trajectory	Main nozzle adjustable 0-48°; Auxiliary nozzle omni-directional	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
12	0.2	9.5	22
	0.3	11.6	25
	0.4	13.4	28
	0.5	15.1	31
14	0.2	11.7	24
	0.3	15	27
	0.4	17.4	30
	0.5	19.4	33
16	0.2	15.4	26
	0.3	18.9	29
	0.4	21.8	32
	0.5	24.3	35
18	0.2	19	28
	0.3	24.2	31
	0.4	28.3	34
	0.5	31.3	37
20	0.2	21.2	30
	0.3	29.4	33
	0.4	34.3	37
	0.5	37	41



Adjustable main-nozzle angle
Omni-directional auxiliary nozzle

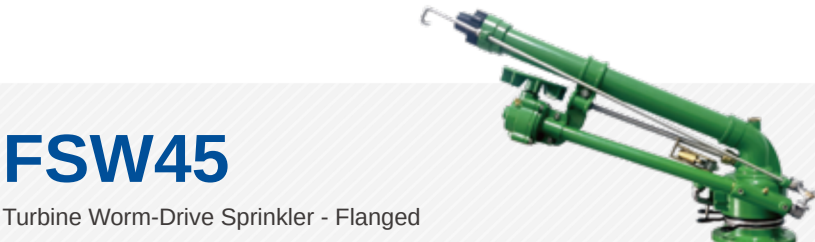


FSW45

Turbine Worm-Drive Sprinkler - Threaded

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	9.5-49.8m³/h
Connection	1.5"/2" female thread	Throw Radius	22-51m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
12	0.2	9.5	22
	0.3	11.6	25
	0.4	13.4	28
	0.5	15.1	31
14	0.2	11.7	24
	0.3	15	27
	0.4	17.4	30
	0.5	19.4	33
16	0.2	15.4	26
	0.3	18.9	29
	0.4	21.8	32
	0.5	24.3	35
18	0.2	19	28
	0.3	24.2	31
	0.4	28.3	34
	0.5	31.3	37
20	0.2	21.2	30
	0.3	29.4	33
	0.4	34.3	37
	0.5	37	41
22	0.4	37.9	43
	0.5	42.5	46
	0.6	46.5	49.5
	0.7	49.8	51



FSW45

Turbine Worm-Drive Sprinkler - Flanged

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	9.5-49.8m³/h
Connection	40 flange	Throw Radius	22-51m
Trajectory	24°	Rotation Range	0-360° adjustable



FSW45ADJ

Turbine Worm-Drive Sprinkler - Flanged

Adjustable 0-48°

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	9.5-49.8m³/h
Connection	40 flange	Throw Radius	22-51m
Trajectory	Adjustable 0-48°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
12	0.2	9.5	22
	0.3	11.6	25
	0.4	13.4	28
	0.5	15.1	31
14	0.2	11.7	24
	0.3	15	27
	0.4	17.4	30
	0.5	19.4	33
16	0.2	15.4	26
	0.3	18.9	29
	0.4	21.8	32
	0.5	24.3	35
18	0.2	19	28
	0.3	24.2	31
	0.4	28.3	34
	0.5	31.3	37
20	0.2	21.2	30
	0.3	29.4	33
	0.4	34.3	37
	0.5	37	41
22	0.4	37.9	43
	0.5	42.5	46
	0.6	46.5	49.5
	0.7	49.8	51



FSW45ADJ

Turbine Worm-Drive Sprinkler - Threaded

Adjustable 0-48°

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture; Forestry, landscaping and dust suppression	Flow Rate	9.5-49.8m³/h
Connection	1.5"/2" female thread	Throw Radius	22-51m
Trajectory	Adjustable 0-48°	Rotation Range	0-360° adjustable



FSN50

Turbine Worm-Drive Sprinkler - High Speed

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-79.7m³/h
Connection	2" flange	Throw Radius	26-56m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	17.8	26
	0.3	21.8	28
	0.4	25.2	32
	0.5	28.1	35
	0.3	27.1	32
18	0.4	31.6	35
	0.5	35	38
	0.6	38.7	41
	0.3	31.2	36
20	0.4	36	40
	0.5	40.3	43
	0.6	44	46
	0.4	42.2	41
22	0.45	44.8	43
	0.5	47.3	45
	0.6	51.8	48
	0.4	49.2	43
24	0.45	52.2	45
	0.5	55	47
	0.6	60.3	50
26	0.5	62.3	47
	0.6	67.8	51
	0.7	74.9	53
	0.8	79.7	56

FSN50

Turbine Worm-Drive Sprinkler - Standard Speed



FSN50ADJ

Multi-Nozzle Turbine Sprinkler - Red

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-82.3m³/h
Connection	2" flange	Throw Radius	26-56m
Spray Features	Main nozzle 0-48°; auxiliary nozzle omni-directional	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	17.8	26
	0.3	21.8	28
	0.4	25.2	32
	0.5	28.1	35
	0.3	27.1	32
18	0.4	31.6	35
	0.5	35	38
	0.6	38.7	41
	0.3	31.2	36
20	0.4	36	40
	0.5	40.3	43
	0.6	44	46
	0.4	42.2	41
22	0.45	44.8	43
	0.5	47.3	45
	0.6	51.8	48
	0.4	49.2	43
24	0.45	52.2	45
	0.5	55	47
	0.6	60.3	50
26	0.5	62.3	47
	0.6	67.8	51
	0.7	74.9	53
	0.8	82.3	56



FSN50ADJ

Multi-Nozzle Turbine Sprinkler - Red

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-82.3m³/h
Connection	2" flange	Throw Radius	26-56m
Nozzle Features	Main nozzle adjustable 0-48°; Auxiliary nozzle omni-directional	Rotation Range	0-360° adjustable
Rotation Speed	Adjustable speed		

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	17.8	26
	0.3	21.8	28
	0.4	25.2	32
	0.5	28.1	35
	0.3	27.1	32
18	0.4	31.6	35
	0.5	35	38
	0.6	38.7	41
	0.3	31.2	36
20	0.4	36	40
	0.5	40.3	43
	0.6	44	46
	0.4	42.2	41
22	0.45	44.8	43
	0.5	47.3	45
	0.6	51.8	48
	0.4	49.2	43
24	0.45	52.2	45
	0.5	55	47
	0.6	60.3	50
26	0.5	62.3	47
	0.6	67.8	51
	0.7	74.9	53
	0.8	82.3	56



FSN50ADJ

Multi-Nozzle Turbine Sprinkler - Yellow

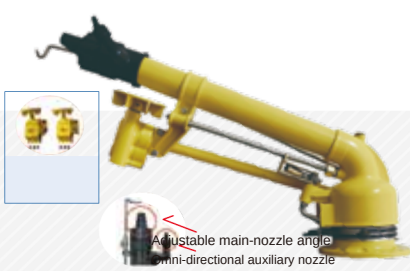


SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-79.7m³/h
Connection	2" flange	Throw Radius	26-56m
Spray Features	Main nozzle 0-48°; auxiliary nozzle omni-directional	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	17.8	26
	0.3	21.8	28
	0.4	25.2	32
	0.5	28.1	35
18	0.3	27.1	32
	0.4	31.6	35
	0.5	35	38
	0.6	38.7	41
20	0.3	31.2	36
	0.4	36	40
	0.5	40.3	43
	0.6	44	46
22	0.4	42.2	41
	0.45	44.8	43
	0.5	47.3	45
	0.6	51.8	48
24	0.4	49.2	43
	0.45	52.2	45
	0.5	55	47
	0.6	60.3	50
26	0.5	62.3	47
	0.6	67.8	51
	0.7	74.9	53
	0.8	79.7	56

FSN50ADJ

Multi-Nozzle Turbine Sprinkler - Yellow



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-79.7m³/h
Connection	2" flange	Throw Radius	26-56m
Nozzle Features	Main nozzle adjustable 0-48°; Auxiliary nozzle omni-directional	Rotation Range	0-360° adjustable
Rotation Speed	Adjustable speed		

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	17.8	26
	0.3	21.8	28
	0.4	25.2	32
	0.5	28.1	35
18	0.3	27.1	32
	0.4	31.6	35
	0.5	35	38
	0.6	38.7	41
20	0.3	31.2	36
	0.4	36	40
	0.5	40.3	43
	0.6	44	46
22	0.4	42.2	41
	0.45	44.8	43
	0.5	47.3	45
	0.6	51.8	48
24	0.4	49.2	43
	0.45	52.2	45
	0.5	55	47
	0.6	60.3	50
26	0.5	62.3	47
	0.6	67.8	51
	0.7	74.9	53
	0.8	79.7	56

FSN50ADJ

Turbine Worm-Drive Sprinkler - Green



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-80m³/h
Connection	2" flange	Throw Radius	26-53m
Trajectory	Adjustable 0-48°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	17.8	26
	0.3	21.8	28
	0.4	25.2	32
	0.5	28.1	35
18	0.3	27.1	32
	0.4	31.6	35
	0.5	35	38
	0.6	38.7	41
20	0.3	31.2	36
	0.4	36	40
	0.5	40.3	43
	0.6	44	46
22	0.4	42.2	41
	0.45	44.8	43
	0.5	47.3	45
	0.6	51.8	48
24	0.4	49.2	43
	0.45	52.2	45
	0.5	55	47
	0.6	60.3	50
26	0.4	56.7	45
	0.5	63.4	48
	0.6	69.6	51
	0.7	80	56

FSW55S Fine atomization

Ultra Multi-Nozzle Turbine Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-89.7m³/h
Connection	2" flange	Throw Radius	26-56m
Trajectory	Adjustable 0-48°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	17.8	26
	0.3	21.8	28
	0.4	25.2	32
	0.5	28.1	35
18	0.3	27.1	32
	0.4	31.6	35
	0.5	35	38
	0.6	38.7	41
20	0.3	31.2	36
	0.4	36	40
	0.5	40.3	43
	0.6	44	46
22	0.4	42.2	41
	0.45	44.8	43
	0.5	47.3	45
	0.6	51.8	48
24	0.4	49.2	43
	0.45	52.2	45
	0.5	55	47
	0.6	60.3	50
26	0.5	72.3	47
	0.6	77.8	51
	0.7	84.9	53
	0.8	89.7	56

FSW55SPRO

Fine atomization

Ultra Multi-Nozzle Turbine Sprinkler

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-89.7m³/h
Connection	2" flange	Throw Radius	26-56m
Trajectory	0°-48 adjustable, adjustable	Rotation Range	0-360° adjustable



Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	17.8	26
	0.3	21.8	28
	0.4	25.2	32
	0.5	28.1	35
18	0.3	27.1	32
	0.4	31.6	35
	0.5	35	38
	0.6	38.7	41
20	0.3	31.2	36
	0.4	36	40
	0.5	40.3	43
	0.6	44	46
22	0.4	42.2	41
	0.45	44.8	43
	0.5	47.3	45
	0.6	51.8	48
24	0.4	49.2	43
	0.45	52.2	45
	0.5	55	47
	0.6	60.3	50
26	0.5	72.3	47
	0.6	77.8	51
	0.7	84.9	53
	0.8	89.7	56



FSW60ADJ

Twin-Tube Adjustable-Angle Turbine Sprinkler

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	19-99.6m³/h
Connection	2" flange	Throw Radius	22-51m
Trajectory	Adjustable 0-48°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
12	0.2	19	22
	0.3	23.2	25
	0.4	26.8	28
	0.5	30.2	31
14	0.2	23.4	24
	0.3	30	27
	0.4	34.8	30
	0.5	38.8	33
16	0.2	30.8	26
	0.3	37.8	29
	0.4	43.6	32
	0.5	48.6	35
18	0.2	38	28
	0.3	48.4	31
	0.4	56.6	34
	0.5	62.6	37
20	0.2	42.4	30
	0.3	58.8	33
	0.4	68.6	37
	0.5	74	41
22	0.4	75.8	43
	0.5	85	46
	0.6	93	49.5
	0.7	99.6	51



FSW60ADJPRO

Twin-Tube Adjustable-Angle Turbine Sprinkler

SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	19-99.6m³/h
Connection	2" flange	Throw Radius	22-51m
Trajectory	Adjustable 0-48°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
12	0.2	19	22
	0.3	23.2	25
	0.4	26.8	28
	0.5	30.2	31
14	0.2	23.4	24
	0.3	30	27
	0.4	34.8	30
	0.5	38.8	33
16	0.2	30.8	26
	0.3	37.8	29
	0.4	43.6	32
	0.5	48.6	35
18	0.2	38	28
	0.3	48.4	31
	0.4	56.6	34
	0.5	62.6	37
20	0.2	42.4	30
	0.3	58.8	33
	0.4	68.6	37
	0.5	74	41
22	0.4	75.8	43
	0.5	85	46
	0.6	93	49.5
	0.7	99.6	51

FSW65ADJ

Ultra Multi-Nozzle Turbine Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-89.7m³/h
Connection	2" flange	Throw Radius	26-56m
Trajectory	Adjustable 0-48°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	17.8	26
	0.3	21.8	28
	0.4	25.2	32
	0.5	28.1	35
18	0.3	27.1	32
	0.4	31.6	35
	0.5	35	38
	0.6	38.7	41
20	0.3	31.2	36
	0.4	36	40
	0.5	40.3	43
	0.6	44	46
22	0.4	42.2	41
	0.45	44.8	43
	0.5	47.3	45
	0.6	51.8	48
24	0.4	49.2	43
	0.45	52.2	45
	0.5	55	47
	0.6	60.3	50
26	0.5	72.3	47
	0.6	77.8	51
	0.7	84.9	53
	0.8	89.7	56

FSW65ADJPRO

Ultra Multi-Nozzle Turbine Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-89.7m³/h
Connection	2" flange	Throw Radius	26-56m
Trajectory	Adjustable 0-48°	Rotation Range	0-360° adjustable

FSW70

Turbine Worm-Drive Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	20.5-144m³/h
Connection	70 flange	Throw Radius	27-72m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw	Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m	mm	MPa	m³/h	m
18	0.2	20.5	27	28	0.4	63.7	49.5
	0.3	25.1	34		0.5	71.3	52
	0.4	29	39		0.6	78	56
	0.5	32.5	43		0.7	84	59.5
20	0.2	24.6	29	30	0.4	72.4	50
	0.3	30	35		0.5	81	54
	0.4	34.8	41		0.6	88.7	58
	0.5	38.9	45		0.7	95.6	62.5
22	0.2	29	31	32	0.4	81.7	52
	0.3	35.4	37		0.5	91.3	56
	0.4	41	42		0.6	100	59.5
	0.5	45.9	47		0.7	107.9	63
24	0.3	41.4	38	34	0.5	102.5	57.5
	0.4	48	44		0.6	112.3	61
	0.5	53.7	49		0.7	121	64.5
	0.6	58.8	52		0.8	129.7	68
26	0.3	48	42	36	0.5	115	59.5
	0.4	55.5	47		0.6	124.5	63
	0.5	62.2	51		0.7	135	67.5
	0.6	68.1	54		0.8	144	72

FSW70ADJ

Turbine Worm-Drive Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.4-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	63.7-144m³/h
Connection	70 flange	Throw Radius	49.5-72m
Trajectory	Adjustable 0-48°	Rotation Range	0-360° adjustable

FSW70-43°

Turbine Worm-Drive Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.9MPa
Application	Dust suppression: ports, power plants and mines	Flow Rate	20.5-152m³/h
Connection	70 flange	Throw Radius	27-70m
Trajectory	43°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw	Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m	mm	MPa	m³/h	m
18	0.2	20.5	27	28	0.4	63.7	49.5
	0.3	25.1	34		0.5	71.3	52
	0.4	29	39		0.6	78	56
	0.5	32.5	43		0.7	84	59.5
20	0.2	24.6	29	30	0.4	72.4	50
	0.3	30	35		0.5	81	54
	0.4	34.8	41		0.6	88.7	58
	0.5	38.9	45		0.7	95.6	62.5
22	0.2	29	31	32	0.4	81.7	52
	0.3	35.4	37		0.5	91.3	56
	0.4	41	42		0.6	100	59.5
	0.5	45.9	47		0.7	107.9	63
24	0.3	41.4	38	34	0.5	102.5	57.5
	0.4	48	44		0.6	112.3	61
	0.5	53.7	49		0.7	121	64.5
	0.6	58.8	52		0.8	129.7	68
26	0.3	48	42	36	0.6	121	62
	0.4	55.5	47		0.7	133	64.8
	0.5	62.2	51		0.8	145	68.2
	0.6	68.1	54		0.9	152	70

FSW75ADJ

Multi-Nozzle Turbine Worm-Drive Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	20.5-144m³/h
Connection	75 flange	Throw Radius	27-72m
Trajectory	Main nozzle 0-48°; auxiliary nozzle omni-directional	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw	Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m	mm	MPa	m³/h	m
18	2	20.5	27	28	4	63.7	49.5
	3	25.1	34		5	71.3	52
	4	29	39		6	78	56
	5	32.5	43		7	84	59.5
	2	24.6	29	30	4	72.4	50
20	3	30	35		5	81	54
	4	34.8	41		6	88.7	58
	5	38.9	45		7	95.6	62.5
22	2	29	31	32	4	81.7	52
	3	35.4	37		5	91.3	56
	4	41	42		6	100	59.5
	5	45.9	47		7	107.9	63
	3	41.4	38	34	5	102.5	57.5
24	4	48	44		6	112.3	61
	5	53.7	49		7	121	64.5
	6	58.8	52		8	129.7	68
26	3	48	42	36	5	115	59.5
	4	55.5	47		6	124.5	63
	5	62.2	51		7	135	67.5
	6	68.1	54		8	144	72

FSW80

Turbine Worm-Drive Sprinkler



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.3-0.9MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	31.3-198.8m³/h
Connection	80 flange	Throw Radius	23.3-85.7m
Trajectory	24°	Rotation Range	0-360° adjustable

Nozzle Diameter	Pressure	Flow Rate	Throw	Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m	mm	MPa	m³/h	m
22	0.3	31.3	23.3	32	0.4	76.9	54.2
	0.4	36.2	25		0.5	85.9	58
	0.5	40.5	29.4		0.6	94.2	62.9
	0.6	44.4	32		0.7	101.6	66
	0.3	37.3	27.9	34	0.5	97.1	59.1
24	0.4	43.2	32		0.6	106.4	64
	0.5	48.3	36.1		0.7	114.8	68.2
	0.6	52.9	39		0.8	122.8	72
26	0.3	43.9	29.2	36	0.5	108.8	61.5
	0.4	50.7	33		0.6	119.3	66
	0.5	56.7	37.3		0.7	128.6	70.2
	0.6	62.2	41		0.8	137.7	74
	0.3	50.9	30	38	0.5	121.3	63
28	0.4	58.8	35.7		0.6	132.9	68.1
	0.5	65.7	39		0.7	143.4	72
	0.6	72.1	43.2		0.8	153.5	76.3
30	0.3	58.4	37	40	0.6	148	69
	0.4	67.6	41.4		0.7	165.2	75.2
	0.5	75.6	45		0.8	174	80
	0.6	82.8	48.6		0.9	198.8	85.7

PY30

Rain Gun



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, ductile iron, nylon	Pressure	0.2-0.45MPa
Application	Agriculture, forestry, urban green areas, dust suppression	Flow Rate	7.1-9.3m³/h
Connection	1-1/2" female thread	Throw Radius	19.5-25.3m
Inlet	Copper / aluminum core	Rotation Range	0-360° adjustable

PY40

Rain Gun



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, ductile iron, nylon	Pressure	0.3-0.5MPa
Application	Agriculture, forestry, urban green areas, dust suppression	Flow Rate	15.2-25.5m³/h
Connection	2" female thread	Throw Radius	25.1-30.3m
Inlet	Copper / aluminum core	Rotation Range	0-360° adjustable

PY40 PRO

Rain Gun



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, ductile iron, nylon	Pressure	0.3-0.5MPa
Application	Agriculture, forestry, urban green areas, dust suppression	Flow Rate	20.2-33.9m³/h
Connection	2" female thread	Throw Radius	25.1-30.3m
Inlet	Copper / aluminum core	Rotation Range	0-360° adjustable

PY50

Rain Gun



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, ductile iron, nylon	Pressure	0.3-0.55MPa
Application	Agriculture, forestry, urban green areas, dust suppression	Flow Rate	28.6-36.5m³/h
Connection	2.5" female thread	Throw Radius	30-42m
Inlet	Copper / aluminum core	Rotation Range	0-360° adjustable

PY50 PRO

Rain Gun



SPEC.	PARAMETER	SPEC.	PARAMETER
Main Material	Aluminum alloy, copper, ductile iron, nylon	Pressure	0.3-0.55MPa
Application	Agriculture, forestry, urban green areas, dust suppression	Flow Rate	38-48.5m³/h
Connection	2.5" female thread	Throw Radius	30-42m
Inlet	Copper / aluminum core	Rotation Range	0-360° adjustable

FSW45ADJ-S

Deluxe Multi-Nozzle Turbine Sprinkler



SPEC.	PARAMET ER	SPEC.	PARAMET ER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	9.5-49.8m³/h
Connection	1.5"/2" female thread/40 flange	Throw Radius	22-51m
Spray Features	Main nozzle 0-48°; auxiliary nozzle omni-directional	Rotation Range	0-360° adjustable
		Rotation speed	Gear + stepless speed control

Patented technology



Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
12	0.2	9.5	22
	0.3	11.6	25
	0.4	13.4	28
	0.5	15.1	31
14	0.2	11.7	24
	0.3	15	27
	0.4	17.4	30
	0.5	19.4	33
16	0.2	15.4	26
	0.3	18.9	29
	0.4	21.8	32
	0.5	24.3	35
18	0.2	19	28
	0.3	24.2	31
	0.4	28.3	34
	0.5	31.3	37
20	0.2	21.2	30
	0.3	29.4	33
	0.4	34.3	37
	0.5	37	41
22	0.4	37.9	43
	0.5	42.5	46
	0.6	46.5	49.5
	0.7	49.8	51

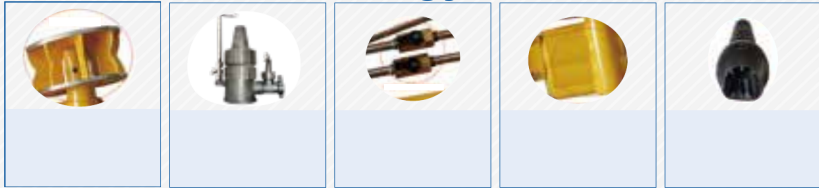
FSW45ADJ-S

Premium Multi-Nozzle Turbine Sprinkler



SPEC.	PARAMET ER	SPEC.	PARAMET ER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	9.5-49.8m³/h
Connection	1.5"/2" female thread/40 flange	Throw Radius	22-51m
Trajectory	Main nozzle adjustable 0-48°	Rotation Range	0-360° adjustable
Multi-nozzle	Auxiliary nozzle omni-directional	Rotation speed	Multi-speed + dual stepless control

Patented technology



Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
12	0.2	9.5	22
	0.3	11.6	25
	0.4	13.4	28
	0.5	15.1	31
14	0.2	11.7	24
	0.3	15	27
	0.4	17.4	30
	0.5	19.4	33
16	0.2	15.4	26
	0.3	18.9	29
	0.4	21.8	32
	0.5	24.3	35
18	0.2	19	28
	0.3	24.2	31
	0.4	28.3	34
	0.5	31.3	37
20	0.2	21.2	30
	0.3	29.4	33
	0.4	34.3	37
	0.5	37	41
22	0.4	37.9	43
	0.5	42.5	46
	0.6	46.5	49.5
	0.7	49.8	51

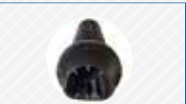
FSN50ADJ-S

Deluxe Multi-Nozzle Turbine Sprinkler



SPEC.	PARAMET ER	SPEC.	PARAMET ER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-79.7m³/h
Connection	2" flange	Throw Radius	26-56m
Spray Features	Main nozzle 0-48°; auxiliary nozzle omni-directional	Rotation Range	0-360° adjustable
		Rotation speed	Gear + stepless speed control

Patented technology



Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	17.8	26
	0.3	21.8	28
	0.4	25.2	32
	0.5	28.1	35
18	0.3	27.1	32
	0.4	31.6	35
	0.5	35	38
	0.6	38.7	41
20	0.3	31.2	36
	0.4	36	40
	0.5	40.3	43
	0.6	44	46
22	0.4	42.2	41
	0.45	44.8	43
	0.5	47.3	45
	0.6	51.8	48
24	0.4	49.2	43
	0.45	52.2	45
	0.5	55	47
	0.6	60.3	50
26	0.5	62.3	47
	0.6	67.8	51
	0.7	74.9	53
	0.8	79.7	56

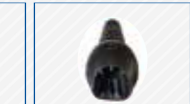
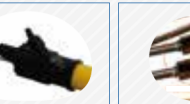
FSN55ADJ-S

Premium Multi-Nozzle Turbine Sprinkler



SPEC.	PARAMET ER	SPEC.	PARAMET ER
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	17.8-79.7m³/h
Connection	2" flange	Throw Radius	26-56m
Trajectory	Main nozzle adjustable 0-48°	Rotation Range	0-360° adjustable
Multi-nozzle	Auxiliary nozzle omni-directional	Rotation speed	Multi-speed + dual stepless control

Patented technology



Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m
16	0.2	17.8	26
	0.3	21.8	28
	0.4	25.2	32
	0.5	28.1	35
18	0.3	27.1	32
	0.4	31.6	35
	0.5	35	38
	0.6	38.7	41
20	0.3	31.2	36
	0.4	36	40
	0.5	40.3	43
	0.6	44	46
22	0.4	42.2	41
	0.45	44.8	43
	0.5	47.3	45
	0.6	51.8	48
24	0.4	49.2	43
	0.45	52.2	45
	0.5	55	47
	0.6	60.3	50
26	0.5	62.3	47
	0.6	67.8	51
	0.7	74.9	53
	0.8	79.7	56

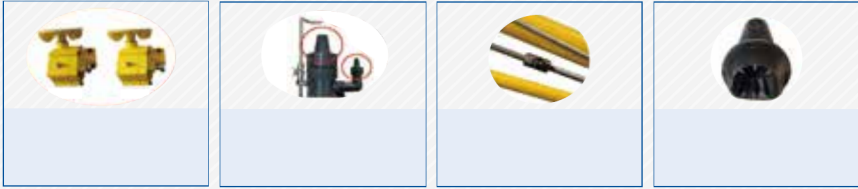
FSW70ADJ-S

Deluxe Multi-Nozzle Turbine Sprinkler



SPEC.	PARAMET FR	SPEC.	PARAMET FR
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.8MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	20.5-144m³/h
Connection	70 flange	Throw Radius	27-72m
Spray Features	Main nozzle 0-48°; auxiliary nozzle omni-directional	Rotation Range	0-360° adjustable
		Rotation speed	Gear + stepless speed control

Patented technology



Nozzle Diameter	Pressure	Flow Rate	Throw	Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m	mm	MPa	m³/h	m
18	0.2	20.5	27	28	0.4	63.7	49.5
	0.3	25.1	34		0.5	71.3	52
	0.4	29	39		0.6	78	56
	0.5	32.5	43		0.7	84	59.5
20	0.2	24.6	29	30	0.4	72.4	50
	0.3	30	35		0.5	81	54
	0.4	34.8	41		0.6	88.7	58
	0.5	38.9	45		0.7	95.6	62.5
22	0.2	29	31	32	0.4	81.7	52
	0.3	35.4	37		0.5	91.3	56
	0.4	41	42		0.6	100	59.5
	0.5	45.9	47		0.7	107.9	63
24	0.3	41.4	38	34	0.5	102.5	57.5
	0.4	48	44		0.6	112.3	61
	0.5	53.7	49		0.7	121	64.5
	0.6	58.8	52		0.8	129.7	68
26	0.3	48	42	36	0.5	115	59.5
	0.4	55.5	47		0.6	124.5	63
	0.5	62.2	51		0.7	135	67.5
	0.6	68.1	54		0.8	144	72

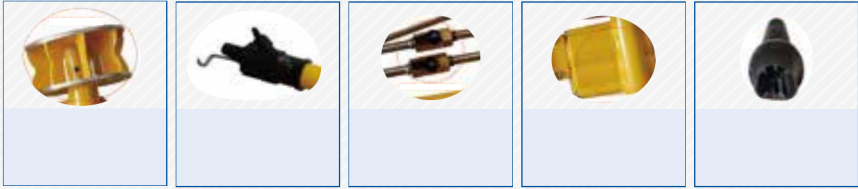
FSW75ADJ-S

Premium Multi-Nozzle Turbine Sprinkler



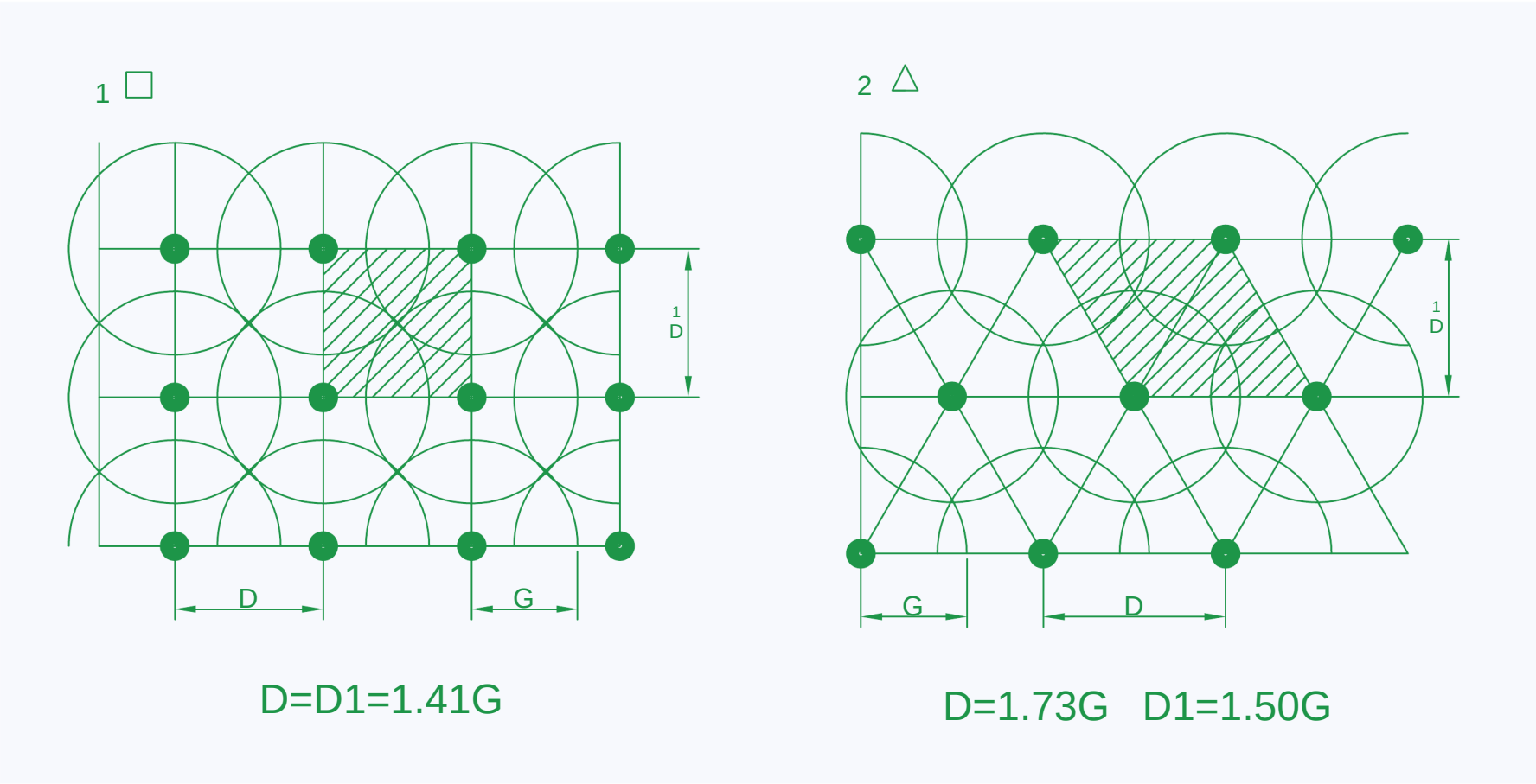
SPEC.	PARAMET FR	SPEC.	PARAMET FR
Main Material	Aluminum alloy, copper, stainless steel, nylon	Pressure	0.2-0.7MPa
Application	Agriculture, forestry, landscaping, dust suppression	Flow Rate	9.5-149.5m³/h
Connection	70 flange	Throw Radius	27-73.5m
Trajectory	Main nozzle adjustable 0-48°	Rotation Range	0-360° adjustable
Multi-nozzle	Auxiliary nozzle omni-directional	Rotation speed	Multi-speed + dual stepless control

Patented technology



Nozzle Diameter	Pressure	Flow Rate	Throw	Nozzle Diameter	Pressure	Flow Rate	Throw
mm	MPa	m³/h	m	mm	MPa	m³/h	m
18	0.3	20.5	27	28	0.4	63.7	49.5
	0.4	25.1	34		0.5	71.3	52
	0.5	29	39		0.6	78	56
	0.6	32.5	43		0.7	84	59.5
20	0.3	24.6	29	30	0.4	72.4	50
	0.4	30	35		0.5	81	54
	0.5	34.8	41		0.6	88.7	58
	0.6	38.9	45		0.7	95.6	62.5
22	0.3	29	31	32	0.4	81.7	52
	0.4	35.4	37		0.5	91.3	56
	0.5	41	42		0.6	100	59.5
	0.6	45.9	47		0.7	107.9	63
24	0.3	41.4	38	34	0.5	102.5	57.5
	0.4	48	44		0.6	112.3	61
	0.5	53.7	49		0.7	121	64.5
	0.6	58.8	52		0.8	129.7	68
26	0.3	48	42	36	0.5	115	59.5
	0.4	55.5	47		0.6	124.5	63
	0.5	62.2	51		0.7	140	69.7
	0.6	68.1	54		0.8	149.5	73.5

Fixed Sprinkler Gun and Pipeline Layout & Performance Table



U Nozzle Diameter	P Pressure	G Throw	Q Flow Rate		Single Sprinkler		□ Square Layout			Triangular Layout			
					S	I	D1 Supply Pipe Spacing	S	I	D sprinkler gun Spacing	D1 Supply Pipe Spacing	S	I
					Area	Strength		Area	Strength			Area	Strength
mm	kg/cm2	m	l/min	m3/h	m2	mm/h	m	m2	mm/h	m	m	m2	mm/h
14	2	25	210	12.9	1962	6.5	35	1225	10.5	43	37	1591	8.1
	3	27.5	258	15.4	2374	6.4	38	1444	10.6	47	41	1927	8
	4	30.5	298	17.8	2920	6.1	43	1849	9.6	52	45	2340	7.6
	5	33.5	333	19.9	3523	5.6	47	2209	9	57	50	2650	7
16	2	26	262	15.7	2122	7.4	36	1296	12.1	44	39	1716	9.1
	3	29.5	322	19.3	2732	7	41	1681	11.4	51	44	2244	8.6
	4	33	372	22.3	3419	6.5	46	2116	10.5	57	49	2793	8
	5	36.5	416	24.9	4183	5.9	51	2601	9.5	63	54	3402	7.3
18	3	33	396	23.7	3419	6.9	46	2116	11.2	57	49	2793	8.4
	4	36	458	27.4	4069	6.7	50	2500	10.9	62	54	3348	8.1
	5	40	511	30.6	5024	6.1	56	3136	9.7	69	60	4140	7.4
	6	43	561	33.6	5805	5.8	60	3600	9.3	74	64	4736	7.1
20	3	35	478	22.6	3486	7.4	49	2401	11.9	60	52	3120	9.1
	4	38.5	553	33	4654	7.1	54	2916	11.3	66	57	3792	8.7
	5	42.5	618	37	5671	6.5	59	3481	10.6	73	63	4599	8
	6	46	678	40.6	6644	6.1	64	4096	9.9	79	69	5451	7.4
22	3	36.5	568	34	4183	8.1	51	2601	13	63	54	3402	10
	4	40.5	658	39.4	5150	7.6	57	3249	12.1	70	60	4200	9.4
	5	44.5	735	44.1	6217	7.1	62	3844	11.4	76	66	5016	8.8
	6	47.5	805	48.3	7084	6.8	66	4356	11	82	71	5822	8.3
24	3	38	669	40.1	4534	8.8	53	2809	14.2	66	57	3705	10.8
	4	42	773	46.3	5538	8.3	59	3481	13.3	72	63	4536	10.2
	5	46.5	864	51.8	6789	7.6	65	4225	12.2	80	69	5520	9.3
	6	50	947	56.8	7850	7.2	70	4900	11.5	86	75	6450	8.8
26	3	39	777	46.6	4775	9.7	54	2916	15.9	67	58	3886	12
	4	44.5	899	53.9	6217	8.6	62	3844	14	76	66	5016	10.7
	5	48	1005	60.3	7234	8.3	67	4489	13.4	83	72	5976	10.1
	6	52.5	1102	66.1	8654	7.6	74	5476	12	90	78	7020	9.4
28	4	47	1034	62	6936	8.9	66	4356	14.2	79	69	5451	11.3
	5	50.5	1155	69.3	8007	8.6	71	5041	13.7	86	75	6450	10.7
	6	54	1266	75.9	9156	7.9	76	5776	13.1	93	81	7533	10
	7	57.5	1366	81.9	10381	7.8	81	6561	12.4	99	86	8514	9.6

LONG-RANGE TURBINE IRRIGATION GUN

NS30



TECHNICAL SPECIFICATIONS

Drive Type	Gear drive
Connection	2" female thread
Working Pressure	2-7 bar / 0.2-0.7 MPa
Throw Radius	18-44 m
Flow Rate	5-57 m³/h
Trajectory Angle	24°
Nozzle Diameter	10/12/14/16/18/20/22/24 mm
Rotation Range	0-360°

PERFORMANCE DATA

Nozzle Diameter	Pressure	Throw Radius	Flow Rate
mm	Bar	m	m³/h
10	2.0	18.0	5.0
	3.0	20.0	6.0
	4.0	22.0	7.0
12	3.0	26.0	8.0
	4.0	27.0	9.0
	5.0	28.0	11.0
14	3.0	27.0	11.0
	4.0	28.0	13.0
	5.0	29.0	15.0
16	3.0	28.0	14.0
	4.0	29.0	17.0
	5.0	30.0	19.0
18	3.0	30.0	20.0
	4.0	31.0	24.0
	5.0	32.0	27.0
20	3.0	31.0	24.0
	4.0	32.0	28.0
	5.0	34.0	30.0
22	4.0	36.0	41.0
	5.0	38.0	42.0
	6.0	40.0	47.0
24	5.0	41.0	50.0
	6.0	43.0	55.0
	7.0	44.0	57.0

APPLICATIONS

Field crops, orchards, parks, lawns, sports fields, industrial cooling and dust suppression.

FEATURES

Compact gear-drive construction; fine, uniform droplets; replaceable nozzles; adjustable part/full-circle rotation and water breaker.

PACKAGING

1 pc/carton | G.W. 4.95 kg | N.W. 4.15 kg | 48 × 25 × 19 cm

LONG-RANGE TURBINE IRRIGATION GUN

FL40



TECHNICAL SPECIFICATIONS

Drive Type	Gear drive
Connection	2" flange
Working Pressure	2-7 bar / 0.2-0.7 MPa
Throw Radius	18-44 m
Flow Rate	5-57 m³/h
Trajectory Angle	24°
Nozzle Diameter	10/12/14/16/18/20/22/24 mm
Rotation Range	0-360°

PERFORMANCE DATA

Nozzle Diameter	Pressure	Throw Radius	Flow Rate
mm	Bar	m	m³/h
10	2.0	18.0	5.0
	3.0	20.0	6.0
	4.0	22.0	7.0
12	3.0	26.0	8.0
	4.0	27.0	9.0
	5.0	28.0	11.0
14	3.0	27.0	11.0
	4.0	28.0	13.0
	5.0	29.0	15.0
16	3.0	28.0	14.0
	4.0	29.0	17.0
	5.0	30.0	19.0
18	3.0	30.0	20.0
	4.0	31.0	24.0
	5.0	32.0	27.0
20	3.0	31.0	24.0
	4.0	32.0	28.0
	5.0	34.0	30.0
22	4.0	36.0	41.0
	5.0	38.0	42.0
	6.0	40.0	47.0
24	5.0	41.0	50.0
	6.0	43.0	55.0
	7.0	44.0	57.0

APPLICATIONS

Field crops, orchards, parks, lawns, sports fields, industrial cooling and dust suppression.

FEATURES

Flanged gear-drive construction; fine, uniform droplets; replaceable nozzles; adjustable part/full-circle rotation and water breaker.

PACKAGING

1 pc/carton | G.W. 6 kg | N.W. 4.31 kg | 51 × 30 × 21 cm

LONG-RANGE TURBINE IRRIGATION GUN

NS40I



TECHNICAL SPECIFICATIONS

Drive Type	Gear drive
Connection	1-1/2" / 2" female thread
Working Pressure	2-7 bar / 0.2-0.7 MPa
Throw Radius	19-53 m
Flow Rate	6-65 m³/h
Trajectory Angle	24°
Nozzle Diameter	10/12/14/16/18/20/22/24 mm
Rotation Range	0-360°

PERFORMANCE DATA

Nozzle Diameter	Pressure	Throw Radius	Flow Rate
mm	Bar	m	m³/h
10	2.0	19.0	6.0
	3.0	21.0	7.0
	4.0	23.0	8.0
12	3.0	27.0	9.2
	4.0	29.1	10.8
	5.0	20.2	12.3
14	3.0	27.7	13.3
	4.0	31.2	15.5
	5.0	32.2	17.1
16	3.0	29.3	16.3
	4.0	31.3	19.2
	5.0	32.3	21.5
18	3.0	32.0	22.0
	4.0	31.6	22.6
	5.0	33.0	26.6
	6.0	34.3	29.2
20	3.0	33.0	26.0
	4.0	34.3	28.4
	5.0	35.8	31.5
	6.0	37.1	35.0
22	4.0	34.4	32.0
	5.0	37.2	35.9
	6.0	37.1	39.2
24	4.0	36.6	39.2
	5.0	39.3	43.6
	6.0	41.3	47.9
	7.0	53.0	65.0

APPLICATIONS

Agricultural and landscape irrigation plus industrial cooling and dust suppression.

FEATURES

Rear auxiliary nozzle improves near-range coverage and atomization; replaceable nozzles and adjustable part/full-circle rotation.

PACKAGING

1 pc/carton | G.W. 6.2 kg | N.W. 4.7 kg | 74 × 25 × 21 cm

LONG-RANGE TURBINE IRRIGATION GUN

NS40



TECHNICAL SPECIFICATIONS

Drive Type	Gear drive
Connection	1-1/2" / 2" female thread
Working Pressure	2-7 bar / 0.2-0.7 MPa
Throw Radius	19-53 m
Flow Rate	6-65 m³/h
Trajectory Angle	24°
Nozzle Diameter	10/12/14/16/18/20/22/24 mm
Rotation Range	0-360°

PERFORMANCE DATA

Nozzle Diameter	Pressure	Throw Radius	Flow Rate
mm	Bar	m	m³/h
10	2.0	19.0	6.0
	3.0	21.0	7.0
	4.0	23.0	8.0
12	3.0	27.0	9.2
	4.0	29.1	10.8
	5.0	20.2	12.3
14	3.0	27.7	13.3
	4.0	31.2	15.5
	5.0	32.2	17.1
16	3.0	29.3	16.3
	4.0	31.3	19.2
	5.0	32.3	21.5
18	3.0	32.0	22.0
	4.0	31.6	22.6
	5.0	33.0	26.6
	6.0	34.3	29.2
20	3.0	33.0	26.0
	4.0	34.3	28.4
	5.0	35.8	31.5
	6.0	37.1	35.0
22	4.0	34.4	32.0
	5.0	37.2	35.9
	6.0	37.1	39.2
24	4.0	36.6	39.2
	5.0	39.3	43.6
	6.0	41.3	47.9
	7.0	53.0	65.0

APPLICATIONS

Agricultural and landscape irrigation plus industrial cooling and dust suppression.

FEATURES

Quick-adjust nozzle supports stable rotation at low and high pressure; replaceable nozzles and adjustable part/full-circle rotation.

PACKAGING

1 pc/carton | G.W. 6.2 kg | N.W. 4.7 kg | 74 × 25 × 21 cm

LONG-RANGE TURBINE IRRIGATION GUN

FL50



TECHNICAL SPECIFICATIONS

Drive Type	Gear drive
Connection	2" flange
Working Pressure	2-7 bar / 0.2-0.7 MPa
Throw Radius	19-53 m
Flow Rate	6-65 m³/h
Trajectory Angle	24°
Nozzle Diameter	10/12/14/16/18/20/22/24 mm
Rotation Range	0-360°

PERFORMANCE DATA

Nozzle Diameter	Pressure	Throw Radius	Flow Rate
mm	Bar	m	m³/h
10	2.0	19.0	6.0
	3.0	21.0	7.0
	4.0	23.0	8.0
12	3.0	27.0	9.2
	4.0	29.1	10.8
	5.0	20.2	12.3
14	3.0	27.7	13.3
	4.0	31.2	15.5
	5.0	32.2	17.1
16	3.0	29.3	16.3
	4.0	31.3	19.2
	5.0	32.3	21.5
18	3.0	32.0	22.0
	4.0	31.6	22.6
	5.0	33.0	26.6
	6.0	34.3	29.2
20	3.0	33.0	26.0
	4.0	34.3	28.4
	5.0	35.8	31.5
	6.0	37.1	35.0
22	4.0	34.4	32.0
	5.0	37.2	35.9
	6.0	37.1	39.2
24	4.0	36.6	39.2
	5.0	39.3	43.6
	6.0	41.3	47.9
	7.0	53.0	65.0

APPLICATIONS

Agricultural and landscape irrigation plus industrial cooling and dust suppression.

FEATURES

Heavy-duty flange supports high-flow operation; fine, uniform droplets; replaceable nozzles and adjustable part/full-circle rotation.

PACKAGING

1 pc/carton | G.W. 7.05 kg | N.W. 6.3 kg | 75 × 31 × 21 cm

MEDIUM/SHORT-RANGE TURBINE IRRIGATION GUN

CNW-40A



TECHNICAL SPECIFICATIONS

Drive Type	Gear drive
Connection	1-1/2" female thread
Working Pressure	2-6 bar / 0.2-0.6 MPa
Throw Radius	20.4-36.6 m
Flow Rate	6.1-29.8 m³/h
Trajectory Angle	24°
Nozzle Diameter	10/12/14/16/18 mm
Rotation Range	0-360°

PERFORMANCE DATA

Nozzle Diameter	Pressure	Throw Radius	Flow Rate
mm	Bar	m	m³/h
10	2.0	20.4	6.1
	3.0	22.8	7.4
	4.0	25.9	8.7
	5.0	28.3	9.9
12	2.0	20.7	7.6
	3.0	23.7	9.4
	4.0	26.8	10.8
	5.0	29.8	12.0
14	2.0	21.3	10.4
	3.0	26.2	12.7
	4.0	30.4	14.7
	5.0	33.5	16.4
16	2.0	21.9	13.5
	3.0	28.3	16.6
	4.0	31.4	19.1
	5.0	35.4	21.4
18	3.0	29.0	21.0
	4.0	31.7	24.3
	5.0	36.0	27.1
	6.0	36.6	29.8

APPLICATIONS

Agricultural and landscape irrigation plus industrial cooling and dust suppression.

FEATURES

ABS, POM and glass-fiber construction; fine, uniform droplets; replaceable nozzles and adjustable part/full-circle rotation.

PACKAGING

4 pcs/carton | G.W. 6 kg | N.W. 4.8 kg | 44 × 37 × 25.5 cm

CONTACT & ADDRESS

Let's plan your irrigation project.

Send us your crop, field area, water source and working pressure. We will help match the appropriate products and specifications.

COMPANY	Xinxiang Fumao Water-Saving Equipment Co., Ltd.
ADDRESS	9-12 International Hardware & Electromechanical City, Weibin District, Xinxiang, Henan, China
PHONE	+86 175 3020 6200 +86 130 7263 0316
WHATSAPP	+86 175 3020 6200
EMAIL	chenggyan.1987@gmail.com 492785832@qq.com
WEBSITE	fumaoirrigation.com



Tripod Support

Compatible tripods are available for all sprinkler guns.



Single-Gun Mobile Cart

Recommended for flanged sprinkler guns.



Multi-Gun
Mobile Cart

Supports up to two turbine guns
+ one impact gun
Three-gun simultaneous operation