

AQ- 5



1/2" BSP/NPT Male threads

Low Trajectory Angle- 7 Degree

Spool made of Plastic (Delrin)

Bronze Body And Arm , Brass Bearing Sleeve & Nipple

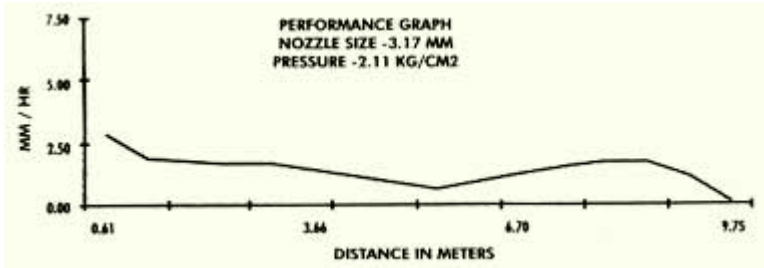
Stainless steel Springs and Pivot pin

Weight - 210gm [approx.]

Nozzle Size * [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
■ 3.17	0.70	11.00	3.90
	1.05	12.00	5.00
	1.76	13.00	7.30
	2.46	15.50	9.30
	2.81	15.00	10.00
3.57	0.70	12.00	4.50
	1.05	13.00	5.90
	1.76	14.00	8.40
	2.46	15.50	10.00
	2.81	16.00	10.70
3.97	0.70	12.00	5.90
	1.05	13.00	8.20
	1.76	15.50	10.50
	2.46	15.50	12.50

Product Portfolio - Irrigational  
Impact Sprinklers

		2.81		16.00		13.60
4.36		0.70		13.00		8.00
		1.05		14.00		9.50
		1.76		15.50		12.10
		2.46		16.50		14.30
		2.81		17.50		15.90



\*The list of nozzle size is indicative ,please ask for specific performance data if your choice of specific nozzle is not mentioned in the chart.

# The Performance is based on ideal conditions of temperature,wind velocity and humidity.

AQ-5N



1/2" BSP/NPT Male Threads

Normal Angle-24°

Bronze Body & Arm, Brass Bearing

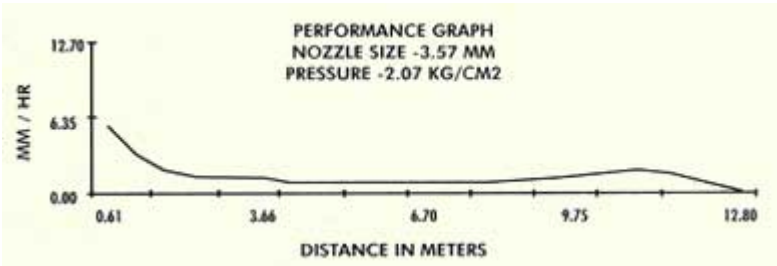
Product Portfolio - Irrigational  
Impact Sprinklers

Sleeve & Nipple

Stainless steel Springs and Pivot pin

Weight - 230 gms[approx]

Nozzle Size [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
2.38	2.07	20.70	4.80
	2.41	21.90	5.20
	2.76	22.50	5.60
	3.10	23.00	5.90
	3.45	23.50	6.30
	3.79	23.80	6.50
2.77	2.07	21.00	7.20
	2.41	22.00	7.70
	2.76	23.00	8.50
	3.10	23.50	9.00
	3.45	23.80	9.20
	3.79	24.00	9.80
3.17	2.07	21.30	9.00
	2.41	22.20	9.50
	2.76	23.20	10.30
	3.10	23.80	10.50
	3.45	24.00	11.60
	3.79	24.40	12.10
3.57	2.07	21.60	11.80
	2.41	22.50	13.10
	2.76	23.50	14.10
	3.10	24.00	15.20
	3.45	24.40	15.60
	3.79	24.70	16.00



# The Performance is based on ideal conditions of temperature, wind velocity and humidity.

AQ - 5N25

Product Portfolio - Irrigational  
Impact Sprinklers



1/2" BSP/NPT Male Threads

Trajectory Angle 25 Degree

Bronze Body and Arm

Brass Bearing  
Sleeve & Nipple

Stainless steel Springs and Pivot pin

Weight - 235gm [approx.]

Nozzle Size * [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
2.38	2.07	20.72	4.79
	2.41	21.94	5.21
	2.76	22.56	5.62
	3.10	23.16	5.91
	3.45	23.78	6.29
	3.79	23.78	6.53
	4.14	24.38	6.77
	4.48	24.38	7.14
2.77	2.07	21.34	7.21
	2.41	21.94	7.73
	2.76	23.16	8.50
	3.10	23.78	9.02
	3.45	23.78	9.27
	3.79	24.38	9.79
	4.14	24.38	10.56
	4.48	25.00	10.82
3.17	2.07	21.34	9.02
	2.41	22.56	9.53
	2.76	23.16	10.31
	3.10	23.78	10.56
	3.45	24.38	11.60

Product Portfolio - Irrigational  
Impact Sprinklers

		3.79		24.38		12.11
		4.14		25.00		12.62
		4.48		25.00		13.14
3.57		2.07		21.94		11.85
		2.41		22.56		13.14
		2.76		23.78		14.17
		3.10		24.38		15.20
		3.45		24.38		15.97
		3.79		25.00		15.84
		4.14		25.00		16.23
		4.48		25.60		17.00

## AQ - 5LA7



1/2" BSP/NPT Male Threads

Trajectory Angle 7 Degree

Bronze Body and Arm

Brass Bearing  
Sleeve & Nipple

Stainless steel Springs and Pivot pin

Weight - 235gm [approx.]

Nozzle Size * [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
■ 2.38	2.07	15.86	4.79
	2.41	17.06	5.21
	2.76	17.68	5.62
	3.10	18.28	5.91
	3.45	19.50	6.29

Product Portfolio - Irrigational  
Impact Sprinklers

		3.79		20.12		6.53
		4.14		20.72		6.77
		4.48		20.72		7.14
2.77		2.07		16.46		7.21
		2.41		17.68		7.73
		2.76		18.28		8.50
		3.10		18.90		9.02
		3.45		19.50		9.27
		3.79		20.12		9.79
		4.14		20.72		10.56
		4.48		21.34		10.82
3.17		2.07		16.46		9.02
		2.41		17.68		9.53
		2.76		18.28		10.31
		3.10		18.90		10.56
		3.45		20.12		11.60
		3.79		20.72		12.11
		4.14		21.34		12.62
		4.48		21.34		13.14
3.57		2.07		17.06		11.85
		2.41		18.28		13.14
		2.76		18.90		14.17
		3.10		19.50		15.20
		3.45		20.12		15.97
		3.79		20.72		15.84
		4.14		21.34		16.23
		4.48		21.94		17.00

AQ-10



3/4" BSP/NPT Male Threads

Product Portfolio - Irrigational  
Impact Sprinklers

Bronze Body & Arm with Brass  
Bearing Sleeve & Nipple

Stainless steel springs and Pivot pin

Spool made of Plastic [Delrin]

Trajectory Angle 27°

Pin Breakage Attachment Also Available

Weight

Nozzle Size [in mm]	Pressure [in Kg/cm sqr]	Diameter# [in meters]	Discharge [LPM]
4.36*3.17	2.11	23.00	17.90
	2.46	26.00	23.50
	2.81	27.00	29.40
	3.16	28.00	32.80
	3.52	29.00	37.90
4.76*3.17	2.11	25.00	29.60
	2.46	27.00	32.30
	2.81	30.00	35.50
	3.16	33.00	43.20
	3.52	32.00	40.20
■ 5.15*3.17	2.11	27.00	34.10
	2.46	29.00	36.80
	2.81	32.00	40.70
	3.16	33.00	43.20
	3.52	34.00	45.20
5.55*3.17	2.11	29.00	37.30
	2.46	32.00	41.40
	2.81	33.00	45.20
	3.16	35.00	48.20
	3.52	35.50	50.50
	3.86	36.00	52.60

# The Performance is based on ideal conditions of temperature, wind velocity and humidity.

## AQ-15

Product Portfolio - Irrigational  
Impact Sprinklers



1/2" / 3/4" BSP Female Threads

Zinc pressure Die casted Body & Arm  
with Brass Bearing Sleeve & Nipple

Stainless Steel spring & Pivot Pin

Weight :

Nozzle Size [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [IPM]
4.0*2.5	1.00	18.00	13.00
	1.50	21.00	16.80
	2.00	24.00	19.70
	2.50	25.00	22.20
	3.00	27.00	24.70
4.5*2.5	1.00	18.00	16.70
	1.50	22.00	20.00
	2.00	24.00	24.20
	2.50	25.00	26.70
	3.00	27.00	29.70
4.5*3.0	1.00	18.00	17.50
	1.50	22.00	20.90
	2.00	24.00	25.00
	2.50	26.00	28.40
	3.00	27.00	31.00
■ 5.0*3.0	1.00	25.00	29.20
	1.50	26.00	33.40
	2.00	27.00	35.90
	2.50	28.00	38.40
	3.00	29.00	39.20



# The Performance is based on ideal conditions of temperature,wind velocity and humidity.

## AQ-20



3/4" BSP/NPT Male & Female Threads

Trejectory Angle-27°

Bronze Body & Arm, Brass Bearing Sleeve & Nipple

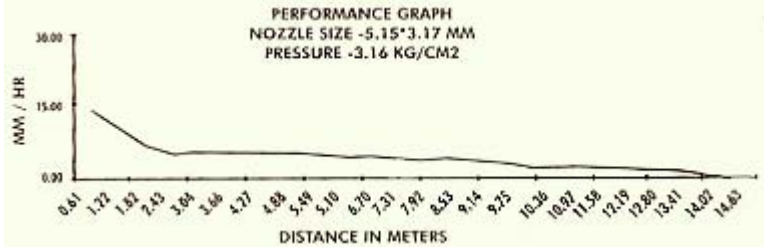
Stainless steel Springs and Pivot pin

Weight - 480 gms[approx]

Nozzle Size * [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
4.36*3.17	2.11	23.00	17.90
	2.46	26.00	23.50
	2.81	27.00	29.40
	3.16	28.00	32.80
	3.52	29.00	37.90
4.76*3.17	2.11	25.00	29.60
	2.46	27.00	32.30
	2.81	30.00	35.50
	3.16	33.00	43.20
	3.52	32.00	40.20
■ 5.15*3.17	2.11	27.00	34.10
	2.46	29.00	36.80
	2.81	32.00	40.70
	3.16	33.00	43.20

Product Portfolio - Irrigational  
Impact Sprinklers

		3.52		34.00		45.20
5.55*3.17		2.11		29.00		37.30
		2.46		32.00		41.40
		2.81		33.00		45.20
		3.16		35.00		48.20
		3.52		35.50		50.50
		3.86		36.00		52.60



\*A list of nozzle size is indicative, please ask for specific performance.

# The Performance is based on ideal conditions of temperature, wind velocity and humidity.

AQ-20CS



3/4" BSP/NPT Male Threads

Bronze Body & Arm with Brass  
Bearing Sleeve & Nipple

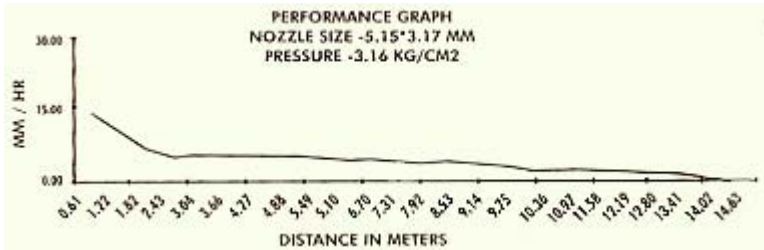
Stainless steel springs and Pivot pin

Economy model

Product Portfolio - Irrigational  
Impact Sprinklers

Weight - 395 gms [approx]

Nozzle Size [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
4.36*3.17	2.11	23.00	17.90
	2.46	26.00	23.50
	2.81	27.00	29.40
	3.16	28.00	32.80
	3.52	29.00	37.90
4.76*3.17	2.11	25.00	29.60
	2.46	27.00	32.30
	2.81	30.00	35.50
	3.16	33.00	43.20
	3.52	32.00	40.20
5.15*3.17	2.11	27.00	34.10
	2.46	29.00	36.80
	2.81	32.00	40.70
	3.16	33.00	43.20
	3.52	34.00	45.20
5.55*3.17	2.11	29.00	37.30
	2.46	32.00	41.40
	2.81	33.00	45.20
	3.16	35.00	48.20
	3.52	35.50	50.50
	3.86	36.00	52.60



# The Performance is based on ideal conditions of temperature, wind velocity and humidity.

AQ-20AF

Product Portfolio - Irrigational  
Impact Sprinklers



3/4" BSP/NPT Male & Female Threads

Trejectory Angle-27°

Bronze Body & Arm, Brass Bearing Sleeve & Nipple

High Quality Engineering Plastic covers for Springs

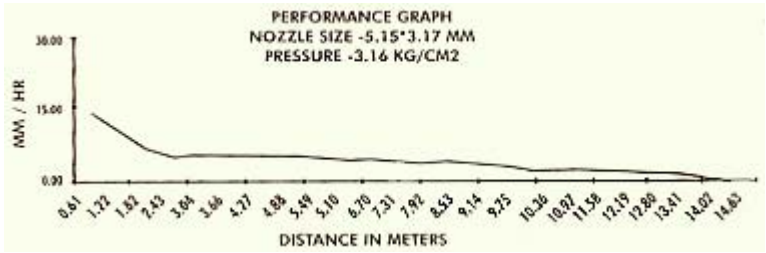
Stainless steel springs and Pivot pin

Weight - 470 gms [approx]

Nozzle Size* [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
4.36*3.17	2.11	23.00	17.90
	2.46	26.00	23.50
	2.81	27.00	29.40
	3.16	28.00	32.80
	3.52	29.00	37.90
4.76*3.17	2.11	25.00	29.60
	2.46	27.00	32.30
	2.81	30.00	35.50
	3.16	33.00	43.20
	3.52	32.00	40.20
■ 5.15*3.17	2.11	27.00	34.10
	2.46	29.00	36.80
	2.81	32.00	40.70
	3.16	33.00	43.20
	3.52	34.00	45.20
5.55*3.17	2.11	29.00	37.30
	2.46	32.00	41.40
	2.81	33.00	45.20
	3.16	35.00	48.20
	3.52	35.50	50.50

Product Portfolio - Irrigational  
Impact Sprinklers

		3.86		36.00		52.60
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\*The list of nozzle size is indicative ,please ask for specific performance data if your choice of specific nozzle is not mentioned in the chart.

# The Performance is based on ideal conditions of temperature,wind velocity and humidity.

### AQ-20LA



3/4" BSP/NPT Male Threads

Bronze Body & Arm, Brass Bearing Sleeve & Nipple

Stainless steel Springs and Pivot pin

Low Trajectory Angle of 10° for better coverage in wind conditions.

Weight - 480gm [approx]

Nozzle Size [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [IPM]
3.57*3.17	3.0	26.20	13.80

**Product Portfolio - Irrigational  
Impact Sprinklers**

		3.5		26.80		15.00
		4.0		27.40		16.20
3.97*3.17		3.0		26.60		17.40
		3.5		27.00		18.60
		4.0		27.40		19.80
4.76*3.17		3.0		27.20		25.20
		3.5		27.60		27.00
		4.0		28.00		28.80
■ 5.15*3.17		3.0		27.80		30.00
		3.5		28.00		31.80
		4.0		28.20		34.20
5.55*3.17		3.0		27.80		34.20
		3.5		28.20		37.20
		4.0		28.40		40.20

# The Performance is based on ideal conditions of temperature, wind velocity and humidity.

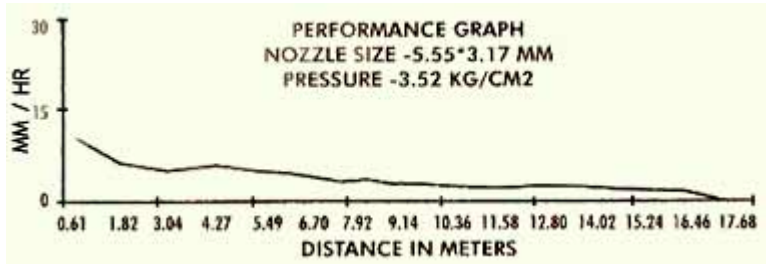
**AQ-25**



- 3/4" BSP/ NPT Male Threads
- Bronze Body & Arm with Brass Bearing Sleeve & Nipple
- Stainless steel Springs and Pivot pin
- Trajectory angle of 33°
- Also available in 1"female configuration.
- Weight - 650 gms [approx]

**Product Portfolio - Irrigational  
Impact Sprinklers**

Nozzle Size [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
5.55*3.17	2.11	29.00	37.30
	2.46	32.00	41.40
	2.81	33.00	45.20
	3.16	35.00	48.20
	3.52	35.50	50.50
	3.86	36.00	52.60
■ 5.95*3.17	2.11	33.00	40.00
	2.46	33.50	45.00
	2.81	34.50	50.30
	3.16	35.00	53.60
	3.52	36.00	56.40
	3.86	37.00	58.60
6.35*3.17	2.11	33.50	44.30
	2.46	34.00	49.10
	2.81	35.00	55.00
	3.16	36.00	58.00
	3.52	37.00	61.40
	3.86	38.00	64.40
6.35*4.76	2.46	33.50	60.50
	2.81	35.00	64.50
	3.16	36.00	70.00
	3.52	38.00	75.50
	3.86	39.00	79.60
	4.22	41.00	82.00
6.74*3.17	2.81	36.00	61.00
	3.16	37.00	64.50
	3.52	37.50	68.00
	3.86	38.00	71.00
	4.22	39.00	74.00



# The Performance is based on ideal conditions of temperature, wind velocity and humidity.

# AQ-30



1" BSP Male & Female Threads

Bronze Body & Arm with Brass  
Bearing Sleeve & Nipple

Stainless steel Springs and Pivot pin

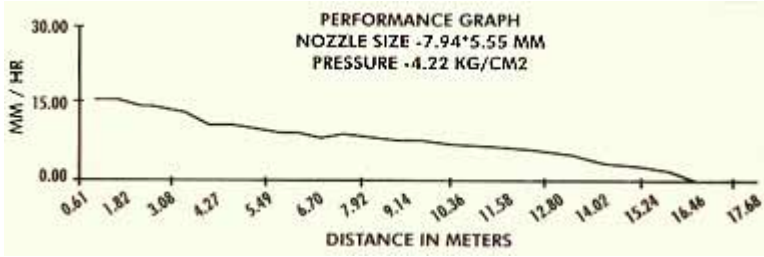
Weight - 1150 gms [approx]

Nozzle Size [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
5.55*4.36	2.81	37.00	53.40
	3.16	37.50	57.50
	3.51	38.00	60.60
	3.87	39.00	63.20
	4.22	39.50	66.30
6.35*4.76	2.81	39.00	67.10
	3.16	40.00	71.20
	3.51	41.00	75.70
	3.87	41.50	79.90
	4.22	42.50	83.30
■ 7.14*4.76	2.81	40.00	76.90
	3.16	41.00	81.80
	3.51	42.00	86.40
	3.87	43.00	90.90
	4.22	44.00	95.50
7.94*5.55	2.81	40.50	96.20
	3.16	41.50	102.70
	3.51	42.50	108.70
	3.87	44.00	114.40
	4.22	45.00	120.10
8.73*5.55	2.81	41.50	106.70



Product Portfolio - Irrigational  
Impact Sprinklers

		3.16		43.30		116.60
		3.51		45.10		122.70
		3.87		46.30		128.80
		4.22		47.50		134.80
9.53*5.55		2.81		44.20		119.70
		3.16		46.00		128.00
		3.51		47.90		134.50
		3.87		49.10		140.90
		4.22		50.30		147.30



# The Performance is based on ideal conditions of temperature, wind velocity and humidity.

AQ - 30 B



## Product Portfolio - Irrigational Impact Sprinklers

Nozzle Size * [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]
■ 6.4 x 3.2	2.76	33.00
	3.10	33.60
	3.45	35.40
	3.79	36.00
	4.14	36.60
	4.48	37.80
	4.83	38.40
	5.17	39.00
	5.52	39.60
	5.86	40.20
7.1 x 3.2	2.76	35.40
	3.10	36.60
	3.45	37.80
	3.79	38.40
	4.14	39.60
	4.48	40.80
	4.83	42.00
	5.17	42.60
	5.52	43.20
	5.86	43.80
7.9 x 3.2	2.76	36.60
	3.10	37.80
	3.45	38.40
	3.79	39.60
	4.14	40.80
	4.48	42.00
	4.83	43.20
	5.17	44.60
	5.52	45.20
	5.86	45.80
8.3 x 3.2	2.76	37.20
	3.10	38.40
	3.45	39.60
	3.79	40.80
	4.14	42.00
	4.48	43.20
	4.83	44.60
	5.17	45.20
	5.52	46.40
	5.86	47.00
8.5 x 3.2	2.76	38.40
	3.10	39.60
	3.45	40.80
	3.79	42.60
	4.14	44.60
	4.48	45.80
	4.83	46.40
	5.17	46.40
	5.52	47.60
	5.86	48.20

## AQ-30M



1 BSP Male Threads

Trejectory Angle-18 Degrees

Bronze Body & Arm for Extra Strength  
Brass Bearing Sleeve & Nipple

Stainless steel springs and Pivot pin

No artificial paint used for natural bronze looks

Weight - 470 gms [approx]

Nozzle Size [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
6.35*4.76	2.10	32.00	50.00
	2.80	36.00	67.00
	3.50	37.00	75.00
	4.20	38.00	83.00
	5.00	39.00	97.00
7.14*4.76	2.10	34.00	58.00
	2.80	38.00	77.00
	3.50	41.00	86.00
	4.20	42.00	95.00
	5.00	44.00	111.00

Product Portfolio - Irrigational  
Impact Sprinklers

■ 7.93*5.55	2.10	35.00	72.00
	2.80	39.00	96.00
	3.50	41.00	108.00
	4.20	43.00	120.00
	5.00	45.00	140.00
8.73*5.55	2.10	36.00	80.00
	2.80	36.00	80.00
	2.80	40.00	106.00
	2.50	43.00	122.00
	4.20	45.00	135.00
	5.00	46.00	157.00

# The Performance is based on ideal conditions of temperature,wind velocity and humidity.

AQ-35



1"Female Threads

Zinc Pressure Die Casted Body &  
Cast Brass Arm with Brass  
Bearing Sleeve & Nipple

Stainless Steel Springs & Pivot Pin

Plastic Spool(Delrin)

Product Portfolio - Irrigational  
Impact Sprinklers

Weight - 1150 gms [approx]

Nozzle Size [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
■ 5.55*4.8	2.00	26.00	44.80
	2.50	29.00	50.80
	3.00	32.00	55.10
	3.50	33.00	59.80
	4.00	34.00	64.10
	4.50	35.00	67.50
	5.00	35.00	71.00
6.5*4.8	2.00	30.00	53.30
	2.50	32.00	59.10
	3.00	34.00	64.30
	3.50	35.00	69.50
	4.00	36.00	74.60
	4.50	37.00	78.70
	5.00	37.00	82.50
	5.50	38.00	86.50
7.5*5.5	3.00	36.00	88.20
	3.50	37.00	94.90
	4.00	39.00	101.00
	4.50	40.00	106.50
	5.00	41.00	112.60
	5.50	41.00	118.20

# The Performance is based on ideal conditions of temperature, wind velocity and humidity.

AQ-40M



1-1/4" BSP/NPT Male Threads

Product Portfolio - Irrigational  
Impact Sprinklers

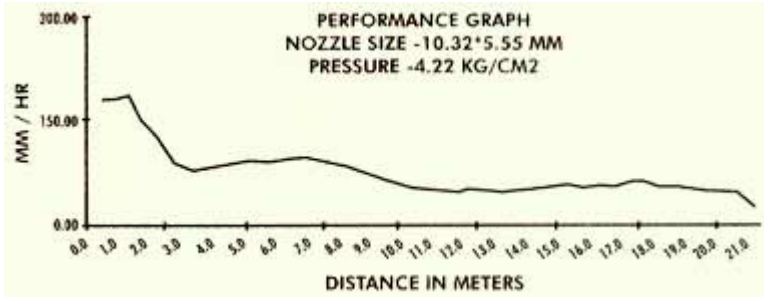
Pressure Die Cast Aluminum Body & Arm  
Brass Bearing Sleeve & Nipple

Stainless steel Springs and Pivot pin

Trajectory Angle-23 Degrees

Weight - 1200 gms [approx]

Nozzle Size [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]	Discharge [LPM]
9.53*5.55	4.22	48.00	159.00
	4.92	49.50	168.00
	5.62	51.00	184.00
10.32*5.55	4.22	50.00	178.00
	4.92	51.00	191.00
	5.62	53.00	207.00
12.70*6.35	4.22	54.00	254.00
	4.92	56.00	272.80
	5.62	58.00	295.50
13.49*6.35	4.22	56.50	281.80
	4.92	58.00	304.60
	5.62	59.50	322.80
15.87*6.35	4.22	61.00	363.70
	4.92	62.50	386.40
	5.62	64.00	416.00



# The Performance is based on ideal conditions of temperature, wind velocity and humidity.

AQ-40B

Product Portfolio - Irrigational  
Impact Sprinklers



1 1/4" BSP/NPT Male Threads

Part Circle/ Full circle

Trajectory Angle 23 Degree

Bronze Body and Arm

Brass Bearing Sleeve and Nipple

Stainless Steel Springs and Pivot Pin

Nozzle Size * [in mm]	Pressure [in Kg/cm sqr]	Diameter # [in meters]
9.53 x 5.55	4.22	48.30
	4.92	50.50
	5.62	51.50
	6.33	53.00
10.32 x 5.55	4.22	46.40
	4.92	47.00
	5.62	47.50
	6.33	48.20
4.76 x 3.17	4.22	55.40
	4.92	57.40
	5.62	61.60
	6.33	62.80
15.87 x 6.35	4.22	61.60
	4.92	65.20
	5.62	67.00
	6.33	68.20

