

# HT-20

¾" Metal Sprinkler



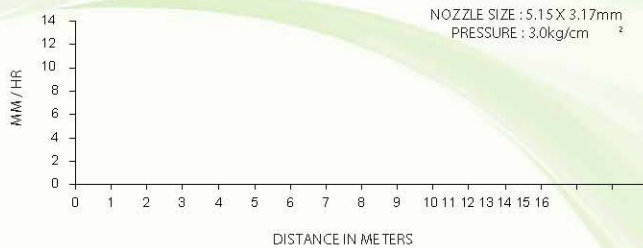
## Features

- Available in ¾" BSP Male Thread Connection
- Bronze Body & Arm
- Brass Bearing Sleeve & Nipple
- Stainless Steel Springs & Pivot Pin
- BIS Approved
- Trajectory Angle 27°

## Performance Data

| Nozzle (mm) | Pressure (kg/cm <sup>2</sup> ) | Radius (mtr) | Discharge (ltr/min) |
|-------------|--------------------------------|--------------|---------------------|
| 4.36x3.17   | 1.0                            | 11.2         | 17.5                |
|             | 2.0                            | 12.4         | 25.6                |
|             | 3.0                            | 12.8         | 32.4                |
|             | 4.0                            | 13.6         | 36.6                |
| 4.76x3.17   | 1.0                            | 11.8         | 21.2                |
|             | 2.0                            | 12.6         | 28.8                |
|             | 3.0                            | 13.2         | 36.3                |
|             | 4.0                            | 14.0         | 42.2                |
| 5.15x3.17   | 1.0                            | 12.2         | 24.9                |
|             | 2.0                            | 13.4         | 34.5                |
|             | 3.0                            | 13.8         | 42.4                |
|             | 4.0                            | 14.0         | 47.8                |

## Performance Graph



\* Performance is based on ideal conditions of Temperature, Wind Velocity and Humidity.  
Standard Nozzle Size

Manufactured as per ISO specifications

# WALL THICKNESS CHART FOR HDPE PIPES AS PER IS 14151 ( Part-1) :1994

ALL DIMENSIONS ARE IN "mm"

| Nominal Diameter | Outside Diameter |       | Class 1 |     | Class 2 |     | Class 3 |     | Class 4 |      |
|------------------|------------------|-------|---------|-----|---------|-----|---------|-----|---------|------|
|                  |                  |       | PN 2.5  |     | PN 3.2  |     | PN 4    |     | PN 6    |      |
|                  | Min              | Max   | Min     | Max | Min     | Max | Min     | Max | Min     | Max  |
| 40               | 40.0             | 40.4  |         |     |         |     |         |     | 2.3     | 2.8  |
| 50               | 50.0             | 50.5  |         |     |         |     | 2.0     | 2.4 | 2.9     | 3.4  |
| 63               | 63.0             | 63.6  |         |     | 2.0     | 2.4 | 2.5     | 2.9 | 3.8     | 4.4  |
| 75               | 75.0             | 75.7  | 2.0     | 2.4 | 2.5     | 2.9 | 3.0     | 3.4 | 4.5     | 5.2  |
| 90               | 90.0             | 90.8  | 2.2     | 2.6 | 2.9     | 3.4 | 3.5     | 4.1 | 5.3     | 6.1  |
| 110              | 110.0            | 111.0 | 2.7     | 3.2 | 3.4     | 3.9 | 4.2     | 4.8 | 6.5     | 7.4  |
| 125              | 125.0            | 126.2 | 3.1     | 3.6 | 3.8     | 4.5 | 4.8     | 5.5 | 7.4     | 8.3  |
| 140              | 140.0            | 141.3 | 3.5     | 4.1 | 4.3     | 5.0 | 5.4     | 6.1 | 8.3     | 9.3  |
| 160              | 160.0            | 161.5 | 3.9     | 4.5 | 4.9     | 5.6 | 6.2     | 7.0 | 9.4     | 10.6 |
| 180              | 180.0            | 181.7 | 4.4     | 5.0 | 5.5     | 6.3 | 6.9     | 7.8 | 10.6    | 11.9 |
| 200              | 200.0            | 201.8 | 4.9     | 5.6 | 6.1     | 7.0 | 7.7     | 8.7 | 11.8    | 13.2 |

# HT-46

¾" Plastic Sprinkler



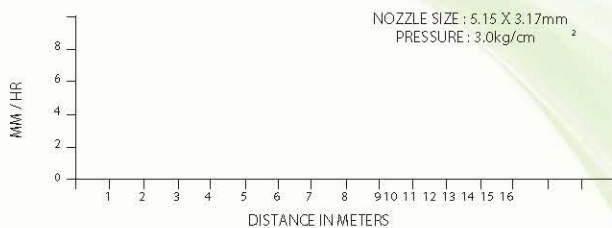
## Features

- Available in ¾" BSP Male Thread Connection
- Body, Arm, Bearing & Nozzles made of engineering plastic (Delrin) for durability
- Non clog stream straightener in Range Nozzle ensures excellent performance in wind condition
- Specially Designed Lockable Nozzles
- Stainless Steel Springs & Pivot Pin
- BIS Approved
- Trajectory Angle 23°

## Performance Data

| Nozzle (mm)         | Pressure (kg/cm <sup>2</sup> ) | Radius (mtr) | Discharge (ltr/min) |
|---------------------|--------------------------------|--------------|---------------------|
| 3.96x2.38<br>Green  | 1.0                            | 09.75        | 13.20               |
|                     | 2.0                            | 11.25        | 18.50               |
|                     | 3.0                            | 12.75        | 22.40               |
|                     | 4.0                            | 14.40        | 26.50               |
| 4.36x2.38<br>Grey   | 1.0                            | 10.50        | 17.00               |
|                     | 2.0                            | 13.40        | 22.00               |
|                     | 3.0                            | 14.92        | 25.70               |
|                     | 4.0                            | 16.15        | 30.40               |
| 4.76x3.17<br>Yellow | 1.0                            | 11.00        | 21.00               |
|                     | 2.0                            | 14.00        | 28.00               |
|                     | 3.0                            | 15.57        | 36.00               |
|                     | 4.0                            | 16.76        | 42.00               |
| 5.15x3.17<br>Black  | 1.0                            | 11.75        | 27.50               |
|                     | 2.0                            | 14.35        | 32.00               |
|                     | 3.0                            | 16.00        | 40.00               |
|                     | 4.0                            | 17.07        | 47.00               |
| 5.55x3.17<br>Orange | 1.0                            | 12.60        | 32.70               |
|                     | 2.0                            | 14.80        | 37.30               |
|                     | 3.0                            | 16.50        | 45.50               |
|                     | 4.0                            | 17.50        | 52.40               |

## Performance Graph



\* Performance is based on ideal conditions of Temperature, Wind Velocity and Humidity, Standard Nozzle Size

Manufactured as per specifications