



### IMPORTANT

The ROLLAND sprinklers have been manufactured and tested in accordance with the applicable and under the inspection of officials laboratories. (Factory Mutual, Loss Prevention Council, Verband der Sachversicherer, APSAD). They are to be installed in accordance with the latest published standards.. Any deviation from the standards or alteration to the sprinkler after it leaves the factory as painting or any other coating may render the sprinkler inoperative and will automatically nullify the approval and any guarantee made by ROLLAND company.

### OPERATION

When the heat increases, the fluid within the bulb expands. The inside pressure increases. When the rated temperature is reached, the bulb shatters in small pieces of glass releasing the water way.

### GUARANTEE

The ROLLAND company repairs or replaces sprinklers having a manufacturing defect during one year from the date of shipment.

### INSTALLATION

- Sprinklers must be installed according to the latest published standards of National Fire Protection Association, Factory Mutual, Loss Prevention Council, Verband der Sachversicherer, Assemblée Plénière APSAD or other similar institutes.
- The sprinklers must be installed after the piping is in place to prevent mechanical damage.
- Before installing, make sure the appropriate model, type, orifice size, temperature rating and finish is used.
- The pipe joint compound or tape must be applied only in the external thread. Take care not to allow a build up of compound or tape in the sprinkler orifice.
- Use only the special wrench to install sprinkler. Any other is liable to injure the sprinkler.
- Never use the sprinkler deflector to thread the sprinkler into a fitting.
- Sprinklers must be handled with care. They must be stored in a cool and dry place in their original packing.
- Never install a sprinkler after it has dropped to the floor, been injured in any way or exposed to temperatures in excess.
- Never install any glass bulb sprinkler if the bulb is cracked or if there is a loss of liquid from the bulb. These sprinklers must be destroyed immediately.

Temperatures	
Orange	57°C - 135°F
Red	68°C - 155°F
Yellow	79°C - 175°F
Green	93°C - 200°F
Blue	141°C - 286°F
Mauve	182°C - 360°F

### MARKING

#### SSU :

Spray Sprinkler Upright. This kind of sprinkler must be installed in upright position only. The deflector above the pipe.

#### SSP :

Spray Sprinkler Pendent. This kind of sprinkler must be installed in pendent position only. The deflector below the pipe.

The sprinklers **SSU** and **SSP** have a parabolic water distribution directed towards the ground over a definite protection area. A spray sprinkler discharges from 80 to 100% of the total water flow in a downward direction.

#### Cu/p :

Conventional. Sprinkler. This can be installed in upright or pendent position. A conventional sprinkler has a spherical water distribution directed towards the ground and the ceiling over a definite protection area. It discharges from 40 to 60% of the total water flow in the downward direction.

Fire protection

### REFERENCE

To order, indicate the 8 elements required to determine the sprinkler model.

Approval		Thread		Temperature		Action	
FM → 1 LPC → 2		1/2" → 2 3/4" → 3		57°C → 1 ; 68°C → 2 79° C → 3 ; 93°C → 4 141°C → 5 ; 182°C → 6		Standard → S Quick response → F Open → O	
Model	Orifice	Type	Finish				
Neptune → N	15 → 2 20 → 3	SSU → U SSP → P Cu/p → C	Brass → L Chrome → C Black → N White → B Painted → R				
<b>N</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>P</b>	<b>2</b>	<b>S</b>	<b>C</b>

Example : Ref : N122P2SC  
Sprinkler model Neptune spray pendent 1/2" standard 68°C  
chrome, Factory Mutual approved

\* specify RAL