

162 & 163 PC Sprinkler



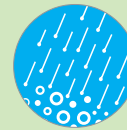
Irrigation
Full Coverage



Pasture
Irrigation



Field
Crops



Dust
Suppression



Heap
Leaching



Waste Water
Reuse

Features & Benefits



Jet Breaker Arrangement

Uniform distribution profile with adjustable jet breaker arrangement



Hydrodynamically Designed Interchangeable Nozzles

Various interchangeable nozzles provide better control in watering and irrigation of desired area and crops



Finger-Tip Adjustment

User friendly, Stainless Steel fingertip adjustment to part circle mechanism (for part circle raingun)



Black Cap For Protection of SS Spring

Completely closed Plastic protection cap protects the spring from sand, frost gives longer life to sprinkler



Innovative Swing Arm

Well balanced gunmetal swing arm ensures smooth and uniform rotation



Equipped with Quality Washers

Special washers used to give uniform & hassle free rotation along with leakage prevention

162 & 163

Additional Features

- Heavy duty construction
- Most suitable for a variety of climates like tropical, temperate and humid climates
- Light in weight and easy to install
- Long life and low maintenance
- Better pattern coverage & good performance in windy conditions
- Suitable for both solid set field irrigation and mechanically moved (center pivot etc.) systems
- Reduced risk of structural damage of soil and delicate plants due to evenness and lightness of watering
- Available in full circle & part circle models
- 1¼" BSP Male threaded inlet connection

Application

- Recommended for field crops like sugarcane, pulses, oil seeds, cereals, tea, coffee, vegetables, etc

Specification

- Discharge: 1.37 to 7.17 lps
- Wetted Radius: 19.5 to 34.5 m
- Operating Pressure: 2 to 6 Kg/cm²
- Inlet Connection: 1.5" Female Threaded
- Usability: Raingun Assembly

Technical Specifications

Trajectory For 162 - 30° and 163 - 23°

*P	Nozzle									
	Ø 8 mm		Ø 10 mm		Ø 12 mm		Ø 14 mm		Ø 16 mm	
	Q	R	Q	R	Q	R	Q	R	Q	R
(kg/cm ²)	(lps)	(m)	(lps)	(m)	(lps)	(m)	(lps)	(m)	(lps)	(m)
2.00	1.37	19.5	1.89	21.5	2.52	23.0	3.27	24.0	4.14	24.5
3.00	1.67	22.0	2.31	24.0	3.09	26.0	4.01	27.5	5.07	28.5
4.00	1.93	24.0	2.67	26.5	3.57	28.5	4.63	30.0	5.86	31.5
5.00	2.16	25.5	2.98	28.5	3.99	30.5	5.18	32.0	6.55	33.5
6.00	-	-	-	-	4.37	32.5	5.67	33.5	7.17	34.5

Note:

Sprinklers are tested under standard test conditions. P = Pressure; Q = Discharge; R = Radius

The Performance data are based on ideal test conditions and may be adversely affected by wind, poor hydraulic entrance.

Ordering Specifications

XXX	XXX	XX
Model	Nozzle size	Connection Size
162 - Full Circle 163 - Part Circle	N8 - 8 mm	
	N10 - 10 mm	
	N12 - 12 mm	
	N14 - 14 mm	
	N16 - 16 mm	

Example: 163N8 - This code represents Medium Volume Rain Gun model 163 with 8 mm nozzle.

Note: If required additional nozzles can be supplied as a special order. Please specify nozzle number while ordering.

162 & 163 Assembly

