

162 & 163 PC Sprinkler



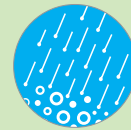
Irrigation
Full Coverage



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 PC Sprinkler

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
- 1 1/4" BSP Male threaded inlet connection

Application

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

Specification

- Discharge: 1.5 to 6.3 lps
- Wetted Radius: 19.5 to 34.5 m
- Operating Pressure: 2 to 6 Kg/cm²
- 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	1.494	19.5	1.904	21.5	2.436	23.0	3.068	24.0	3.634	24.5
3.00	1.829	22.0	2.332	24.0	2.984	26.0	3.757	27.5	4.451	28.5
4.00	2.112	24.0	2.693	26.5	3.445	28.5	4.339	30.0	5.140	31.5
5.00	2.361	25.5	3.011	28.5	3.852	30.5	4.851	32.0	5.746	33.5
6.00	–	–	–	–	4.220	32.5	5.314	33.5	6.295	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

