



ref. 016000

Applications:

- Pivot end points for the longest reach
- Horticultural plantations, cereals, tu leguminous plants and fruit trees.

Dimensions:

- Height: 12,2 in. (31 cm).
- Width: 14,6 in. (37 cm).
- Weight: 6 lbs. (2,721 grs).
- Units per box: 5.

Models:

- **Réf. 016000:** VYR-160 with standard spoon.
- **Réf. 016010:** VYR-160 with INOX spoon.

VYR-160

General properties:

- Part circle agricultural impact sprinkler, high flow.
- 1 1/4" male connection.
- Made of brass and stainless steel.
- High-resistance rotating joints.
- Nozzle angles of 21° and 12°.
- Part circle mechanical system using clips that are very easy and quick to adjust.
- Used in full coverage irrigation with high flow to cover the side, corner and pivot point areas
- Special mechanical and hydraulic design for energy saving and an optimal coverage coefficient.

Technical specifications:

- Reach: 78-118 ft. (24-36 m).
- Flow: 27-123 GPM (6,200 - 28,000 l/h).
- Working pressure: 58-102 PSI (4 - 7 BAR).
- Area: Part or full circle.
- Nozzles: One main long reach nozzle and a secondary short reach nozzle.
- Trajectory angles: 21° and 12°.
- Maximum stream height: 16 ft. (5 m).
- Rotation time: Depending on the pressure and the nozzles, the rotation will be constant and continuous.

Long range nozzles (long vane) + short range nozzle

PSI	11/32" x 1/8" 9 x 3,2 mm.		13/32" x 1/8" 10 x 3,2 mm.		7/16" x 1/8" 11 x 3,2 mm.		1/2" x 2/8" 13 x 6,3 mm.		9/16" x 2/8" 14,5 x 6,3 mm.		5/8" x 2/8" 16 x 6,3 mm.	
	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.
58	27,28	171	33,88	178	41,37	184	62,92	197	71,72	204	88,88	210
73	30,80	178	37,83	185	46,63	191	71,28	210	80,52	217	102,08	224
87	34,32	185	41,80	191	51,48	197	80,08	230	88,00	233	113,52	243
102	37,40	191	45,32	197	55,43	204	85,80	243	94,60	247	123,20	250

STANDARD Ø ft.: Diameter of coberage

- Sprinklers will be supplied with standard nozzles unless otherwise specified.

- In order to calculate the flow, add the flows of the two nozzles. The range of the rear nozzle must be less than that of the main nozzle.

