

Unirain F3030
Full Circle Impact Sprinkler
Low and Medium flow Brass



Application

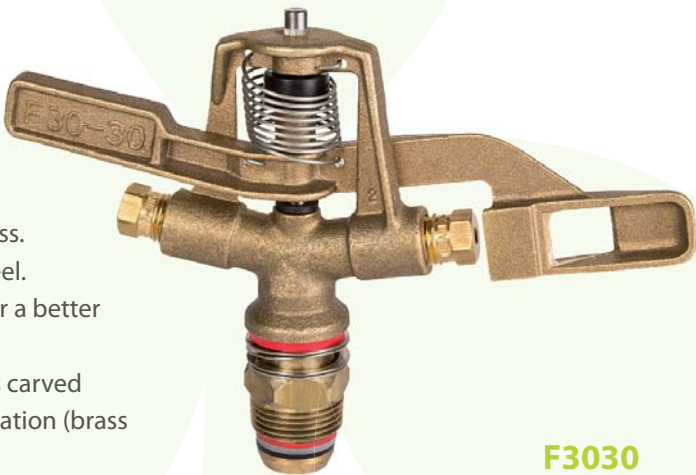
Designed for agricultural use, medium and high flows, and specially designed for travelling systems, mainly CENTER PIVOT and LINEAR MOVES. TThe special characteristics of these machines make it advisable to use sprinklers different from those traditionally used on solid pipe systems.
It's also very suitable for undertree irrigation.

Advantages

- It features two twin water outlets, both for main nozzle. This eliminates secondary nozzle plugging and provides a higher flow per sprinkler which means a lower amount of sprinklers in use.
- Its 10° water outlet angle greatly minimises the effects of wind when installed on PIVOTS (3 to 4 meters high), reducing evaporation and improving uniformity.
- Three different vanes can be used to achieve the desired coverage and spray balance according to the available system pressure.

Technical specifications

- Full circle impact sprinkler
- ¾" base thread male
- Two main nozzles
- 10° nozzle trajectory angle.
- Pressure range: 20-80 PSI
- Nozzle range: 9/64"-9/32"
- Body, arm and bearing assembly made of brass.
- Fulcrum pin and springs made of stainless steel.
- Expanded fulcrum,pin upper end diameter for a better fitting into the sprinkler body.
- Color-coded anti abrasive acetal resin nozzles carved in millimetres and inches for a better identification (brass nozzles to be optionally assembled)
- Backturn lock between the sprinkler body and the bearing spring.



F3030

Table with 4 columns: Pressure (psi), Nozzles, Vanes, and a fourth column with values 30V, WITHOUT VANE, 30RV, 30BV. Rows include HIGH, MEDIUM, LOW, and VERY LOW pressure settings.



Table for F3030 model showing pressure (PSI) and flow rates (GPM, R(ft)) for various nozzle combinations (e.g., 9/64" + 9/64", 5/32" + 5/32", etc.) across a range of pressures from 20 to 80 PSI.

Table for F3030P model showing pressure (PSI) and flow rates (GPM, R(ft)) for various nozzle combinations (e.g., 9/64", 5/32", 11/64", etc.) across a range of pressures from 20 to 80 PSI.

Table for F3030V model showing pressure (PSI) and flow rates (GPM, R(ft)) for various nozzle combinations (e.g., 9/64" + 9/64", 5/32" + 5/32", etc.) across a range of pressures from 35 to 80 PSI.

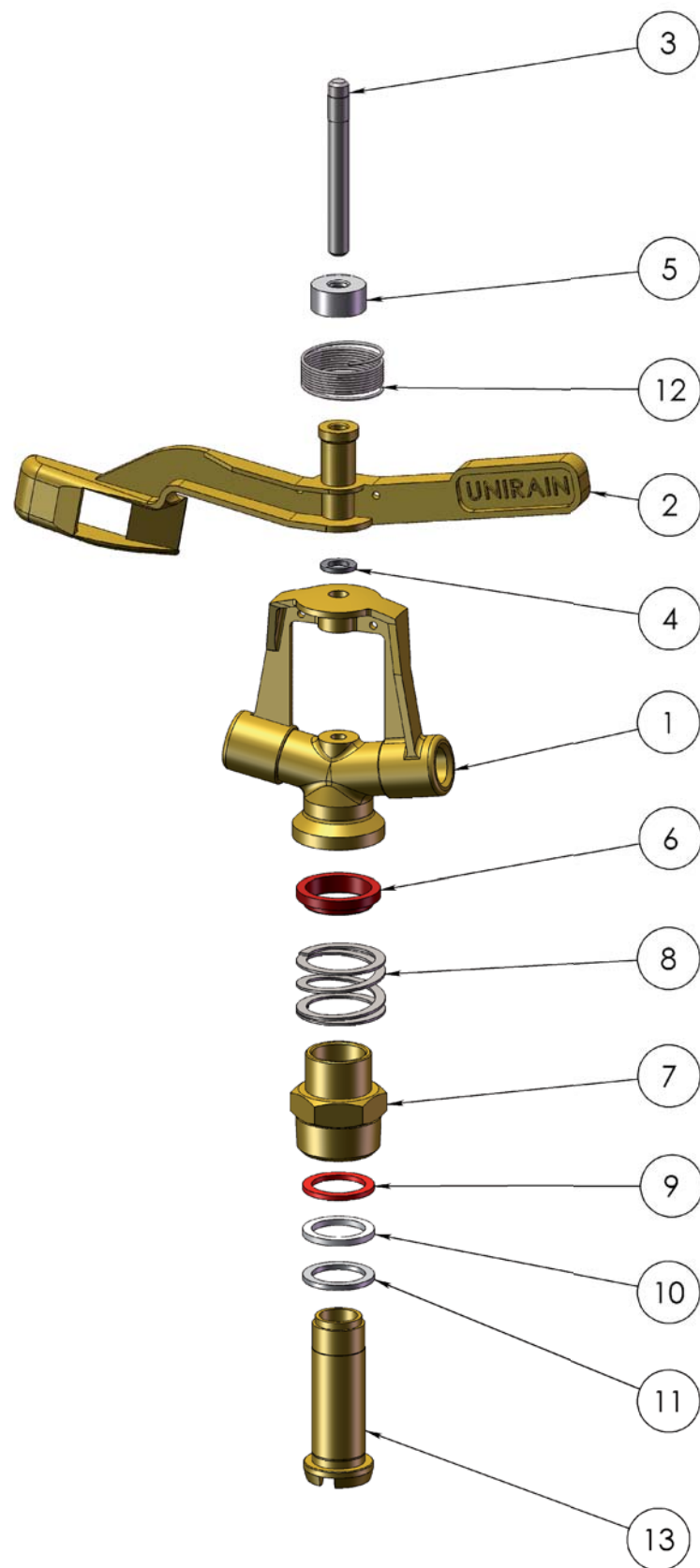
Table for F3030PV model showing pressure (PSI) and flow rates (GPM, R(ft)) for various nozzle combinations (e.g., 9/64", 5/32", 11/64", etc.) across a range of pressures from 35 to 80 PSI.

Data obtained under ideal test conditions. It can be affected by wind, worse hydraulic conditions or other adverse factors.
Highest point of the jet above the nozzle: 1.2m (using standard nozzle 13/64" to 35.2 MCA).
Throw radius jets achieved with the 0.9m lift. Shaded areas not recommended.
(*) Standard Nozzle.
Due to the large number of possible combinations of nozzles, only the most common ones are represented.
To find information relating to other combinations , please advise factory.

PSI: Pounds per Square Inch
GPM: Gallons Per Minute
R(ft): Throw Radius in feet

WARRANTY AND EXCLUSIONS

The manufacturer guarantees its products for direct customer against any defects in materials or manufacture for a period of two years from the original date of purchase, when the products have been used under normal operating conditions. The manufacturer assumes no responsibility for installation, removal or repairs carried out by unauthorised personnel. The manufacturer's liability under this warranty is limited to the replacement or repair of defective parts and the manufacturer does not accept responsibility for damages to crops or any other consequential damages deriving from defects in the products covered by this warranty.
THE PRESENT WARRANTY SUPERCEDES AND VOIDS ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES OR ANY OTHER ATTRIBUTING LIABILITY TO THE MANUFACTURER.
No agent, employee or representative of the manufacturer is authorised to void, alter or add to the conditions contained in this warranty, nor to take responsibility for, nor to make guarantees not specified herein.



COMPONENT NUMBER	PART NUMBER	DESCRIPTION	MATERIAL	QUANTITY
1	00015	Sprinkler Body F3030	Brass	1
2	00014	Sprinkler Arm F3030	Brass	1
3	06163	Arm pin	Stainless Steel	1
4	06162	Swing Arm Support Washer	NBR	1
5	06161	Swing Arm Hat	PE	1
6	00255	Bearing Body Lock	High Density PE	1
7	00016	Bearing Body F3030	Brass	1
8	06151	Bearing Spring	Stainless Steel	1
9	00252	Bearing Upper Washer	Anti Hydrolysis PU	1
10	06736	Bearing Intermediate Washer	High Density PE	1
11	07459	Bearing Lower Washer	NBR	1
12	06183	Arm Spring Series 3/4"	Stainless Steel	1
13	00017	Bearing Pin F3030	Brass	1

Notes

Process/Manufacturer Unirain <i>Assembly</i>	Size A3	Material	Code 00095
	Scale 1:2	Name Aspersor F3030	
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	M.R.M.		