

New Product Data

Date 27/12/05

Product name: PCJ HF (bubbler)

Picture:



#### Description:

PC irrigation product (bubbler) with relatively high flow rates: 20, 25, 30 and 35l/h.

The international standard states that the maximum flow rate for a dripper is 12l/h. The product concerned has a flow rate of over 20l/h and cannot be called a dripper.

We therefore decided to call it by a name acceptable in the market for similar products: ***bubbler***.

It can be used either as an individual product or as flow regulator positioned in front of other emitter products. For example: the spray stake family that is currently being launched.

#### Application:

As a bubbler this product can be used for the landscape market and for orchards with large treetops and/or high water requirements. As a flow regulator with our spray stakes and/ or for converting an orchard/ plantation irrigated with simple micro-sprinklers/sprayers into PC products thereby penetrating into segments/ customers currently dominated by competitors, and later on hopefully persuade these customers to fully convert to our products.



### Specification & recommendations:

The entire PCJ HF family will be identified by base colour Orange.

A different colouring at product's upper part will identify each of the flow rates.

Each flow rate will be available in three standard outlets: nipple, barb for 3mm ID micro tube, barb for 4mm ID micro tube.

When used as a bubbler, it will be supplied with a cap mounted on the outlet (to avoid splashing), therefore all marketing materials and brochures will present product image with a cap mounted on its outlet.

Products without caps will be marketed as flow regulators in front of other emitters.

It should be taken into consideration that integrating this product as a flow regulator of other emitters we must adapt product flow rate to the sprinkler/ emitter's nozzle flow rate positioned behind it.

For example: The use of PCJ HF 25l/h would require the placement of a non-regulated emitter with nozzle supplying 30-35l/h and not 25l/h (as the flow regulator). This is recommended to avoid very high counter-pressure.

We shall distribute a table specifying product flow rates with the recommended flow rates to be used for respective emitters' nozzles.

### Marketing tools:

Technical product sheet is in preparation. The configuration appearing in this technical sheet will be only that of the bubbler with mounted cap.

### Logistical data:

Identifying colors:

All bases: Orange

Upper part, 20l/h: Black

Upper part, 25l/h: Gray

Upper part, 30l/h: Brown

Upper part, 35l/h: Light blue

Number of units per box: 9500

Box size: 560\*270\*248

Boxes per pallet : 32

### Availability:

Available and in stock

Sap Catalog numbers:

PCJ HF bubbler (with cap assembly) :

PC JUNIOR HF 20L/H NIPPLE OUTLET+CAP	21620-001300
PC JUNIOR HF 25L/H NIPPLE OUTLET+CAP	21620-001600
PC JUNIOR HF 30L/H NIPPLE OUTLET+CAP	21620-001800
PC JUNIOR HF 35L/H NIPPLE OUTLET+CAP	21620-002000

9500 units p/box , box size : 560\*270\*248 , 32 boxes p/pallet

PCJ HF flow control device (with different outlets) :

PC JUNIOR HF 20L/H BARBED 3MM OUTLET	21620-001200
PC JUNIOR HF 25L/H BARBED 3MM OUTLET	21620-001500
PC JUNIOR HF 30L/H BARBED 3MM OUTLET	21620-001700
PC JUNIOR HF 35L/H BARBED 3MM OUTLET	21620-001900

13000 units p/box , box size : 560\*270\*248 , 32 boxes p/pallet

PC JUNIOR HF 20L/H BARBED 4MM OUTLET	21620-001350
PC JUNIOR HF 25L/H BARBED 4MM OUTLET	21620-001650
PC JUNIOR HF 30L/H BARBED 4MM OUTLET	21620-001850
PC JUNIOR HF 35L/H BARBED 4MM OUTLET	21620-002050

1200 units p/box , box size : 560\*270\*248 , 32 boxes p/pallet

PC JUNIOR HF 20L/H NIPPLE OUTLET	21620-001250
PC JUNIOR HF 25L/H NIPPLE OUTLET	21620-001550
PC JUNIOR HF 30L/H NIPPLE OUTLET	21620-001750
PC JUNIOR HF 35L/H NIPPLE OUTLET	21620-001950

1200 units p/box , box size : 560\*270\*248 , 32 boxes p/pallet

Remember : The models with the barb/nipple outlets must be used with a micro tube or a manifold assembly on the outlet .



## Technical information :

Working pressure range : 1.0 – 4.0 bar

### Water passages :

20 l/h. – 1.4 x 1.1 mm.

25 l/h. – 1.4 x 1.1 + 0.4 x 2.1 mm.

30 l/h. – 1.4 x 1.1 + 0.7 x 2.1 mm.

25 l/h. – 1.4 x 1.1 + 1.0 x 2.1 mm.

In this family of products we have a different system (without a labyrinth) to loss pressure between both sides of the diaphragm.

In the near future, we hope to add to this family: 40 l/h. and CNL version

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