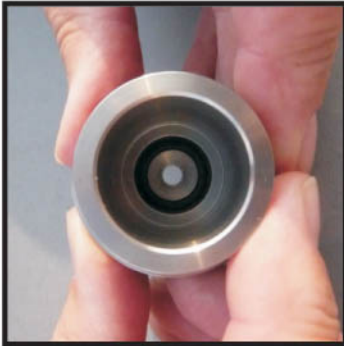


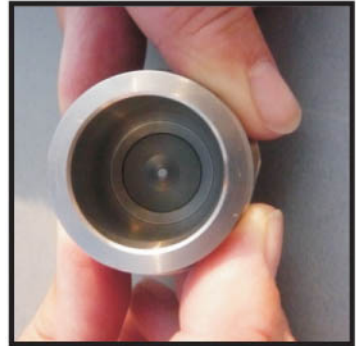


## Manual spray dry nozzles model RX

### Installation



*picture 1*



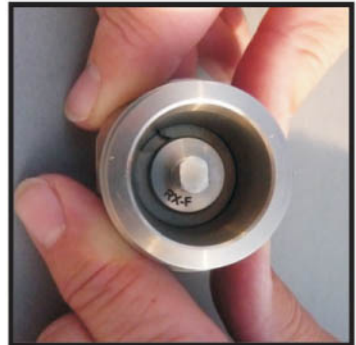
*picture 2*

Place the small O-ring in the groove of the holder model RX (see *picture 1*). Place the orifice disc on it with the beveled input side facing you (see *picture 2*). For models that have a bore with a radius, the radius side must be facing you.

Take the tail (see *picture 3*) of the whirlchamber between two fingers and put it with the flat side on the orifice disc (see *picture 4*).



*picture 3*



*picture 4*



*picture 5*



*picture 6*

Now take the white synthetic or metal anti-drip valve and place it on the spring (see picture 5). Then slide the spring with the anti-drip valve over the tail of the whirlchamber (see picture 6).

Put the O-ring on the holder (see picture 7) and screw the assembly hand-tight into the body (see picture 8). We recommend to brush a coat of P-1900 food-grade lubricant on the thread to facilitate mounting and dismounting.

If you use the quick coupling, you can then click the entire assembly into the female part of the coupling (see picture 9).

***As stated above, it is important to check the entire spray nozzle for leakage prior to use in the tower.***



*picture 7*



*picture 8*



*picture 9*



*picture 10*



*picture 11*

### **Dismounting**

Just press the button on the side of the quick coupling (see picture 10) to release the nozzle (see picture 11).

Take the holder from the body and pull the anti-drip valve with the spring from the holder (see picture 12). Then use two fingers (see picture 13) or if necessary a pair of pliers, without using too much force, to pull the whirlchamber from the holder. Put the holder upside down and, if necessary, use a blunt object (see picture 14) to carefully push the orifice disc from the holder. Then take the O-ring from the groove in the holder. Now all parts have been dismantled and can be cleaned or replaced.

***We recommend strongly to replace the O-ring every time it is dismantled.***



*picture 12*



*picture 13*



*picture 14*

## **Wear**

The orifice disc and the whirlchamber are wear parts. Gauges are available for the various orifice sizes to check whether orifice wear is still within the limits.

No measuring tools are available for the whirlchamber. It should be inspected visually for damage and/or wear.

When stripes appear in the spraying pattern and/or the pump cannot build up sufficient pressure any more, those are clear indications of wear.

## **Cleaning**

When all components have been dismantled, they must be cleaned. We recommend the use of an ultrasonic bath with a standard CIP cleaning agent.

You should preferably not use alkaline or acid solutions to clean the tungsten carbide parts, for that would reduce their service life. Neither should you use pointed tools like a screwdriver. If necessary you may use a strong brush.

**Warning:** never aim the nozzle at any body part of yourself or others, liquid under high pressure may cause serious injuries.

**Warning:** prior to using the nozzle in the drying tower, always test it under high pressure for correct installation and for leakage.



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