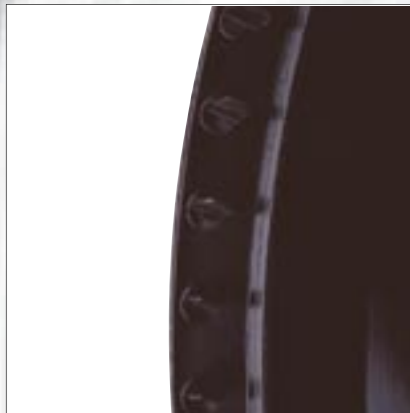


The water rotary atomiser **RWA** is made of plastic material to optimise its weight and corrosion resistance. It was designed to work with standard water pressure. The absence of nozzles avoids any problems caused by calcification and water impurities.



The photo above shows the blades set on the perimeter of the atomiser fixed part. Its action in combination with the water pressure caused by the rotary disc generates the atomisation, by changing the water flow into very small drops.



The photo on the left shows the hydraulic pipe connection, which supplies the water tank. A floater regulates the water level.



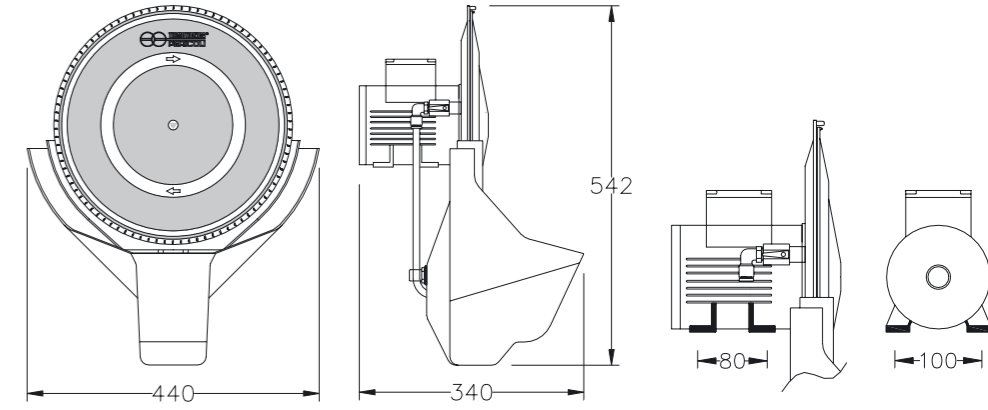
The water tank is situated in the bottom part of the atomiser. A small electric pump supplies water to the rotary disc.



Termotecnica Pericoli logo is situated on the rotating disc of **RWA**. By means of its high speed rotation, water is supplied to the small blades. Therefore, **RWA** can work with all types of water.



The picture below focuses on the water flow adjustment valve. It can regulate the water quantity supplied to the back of the disc and rate the atomiser capacity.



TECHNICAL FEATURES AND DIMENSIONS

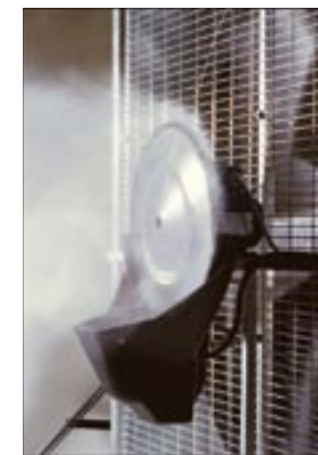
| Model | RWA | Atomising capacity l/h | Absorbed power W | Power supply V/Hz* | Weight kg | Water connection |
|----------------|------------|------------------------|------------------|-----------------------|-----------|------------------|
| <i>RWA</i> | | 15 - 30 | 205 | threephase 230-400/50 | 7 | 3/8" |
| <i>RWA MON</i> | | 15 - 30 | 205 | singlephase 230/50 | 7 | 3/8" |

*60 Hz version available on request.

FUNCTIONING OF **RWA** ON THE FRONT OF AN AIR CIRCULATION FAN.



Stop



Mid water flow



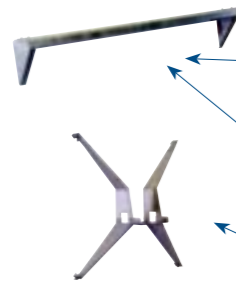
Total water flow

One of the possible applications of **RWA** is the installation on the front of an EOR air circulation fan. The photos above show how the quantity of the atomised water may change according to the position of the water flow valve. The water flow quantity should be rated depending on the fan air flow displacement and on the atomiser application type.

Versions and accessories for installation on fan



Threephase motor **MON** singlephase motor
Note:
 The water pump is always singlephase.

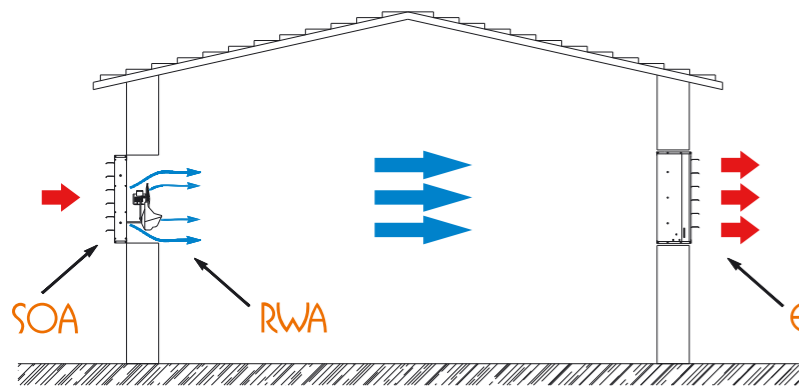


SVG - RWA water atomiser fixing bar on fans series EOR/ETR

SVX - RWA water atomiser fixing bar in stainless steel on fans series EOR AETERNUM

SAF - RWA water atomiser fixing bar on air circulation fans series ACF

Installations on air inlets



As shown in the scheme on the left, RWA can be installed into the air inlet situated on the opposite side of an exhaust fan, humidifying the air flow generated by the fan itself.

Photos in the main application fields



Grafico Termotecnica Pericoli © Novembre 2004 rev. 02/10

All indications in this catalogue are without engagement. In a constant effort to improve our products, specifications may change.



TERMOTECNICA PERICOLI SRL.
 P.o. box 262
 17031 Albenga, Italy
 Tel. +39 0182 589006
 Fax +39 0182 589005
www.pericoli.com
termotecnica@pericoli.com



Series

RWA

Rotary water atomiser

