

Quicktron - air bubble remover



- 1. Removes air bubbles instantly.**
- 2. Helps and improves filter performance.**
- 3. Improves machine reliability and extends oil life.**



OSCA CS-AL100-5R with Quicktron

Features:

- Quicktron is a device to remove air bubbles from liquids.
- It's based on the cyclone principle, and very efficiently eliminates all the fine air bubbles trapped and mixed inside the fluid.
- As most air bubbles have a larger sizes than solid contaminants Quicktron helps to retain the filtration performance of filter elements. When air bubbles go through a filter elements, they create channels allowing contaminants to pass through without being captured, and dropping filtration performance of the oil filters.
- Quicktron devices are very compact, easy to install, and offer a very economical solution to remove air bubbles quickly and effectively.

Air bubble problems:

- Accelerates oxidation of the fluid.
- Accelerates metal corrosion.
- Lower cooler efficiency.
- Causes measurement errors with digital monitoring equipment.
- Lowers effectivity of the oil film coatings.
- Increases friction and wear of moving parts.
- Creates excessive noise and vibration.

Benefits of Quicktron:

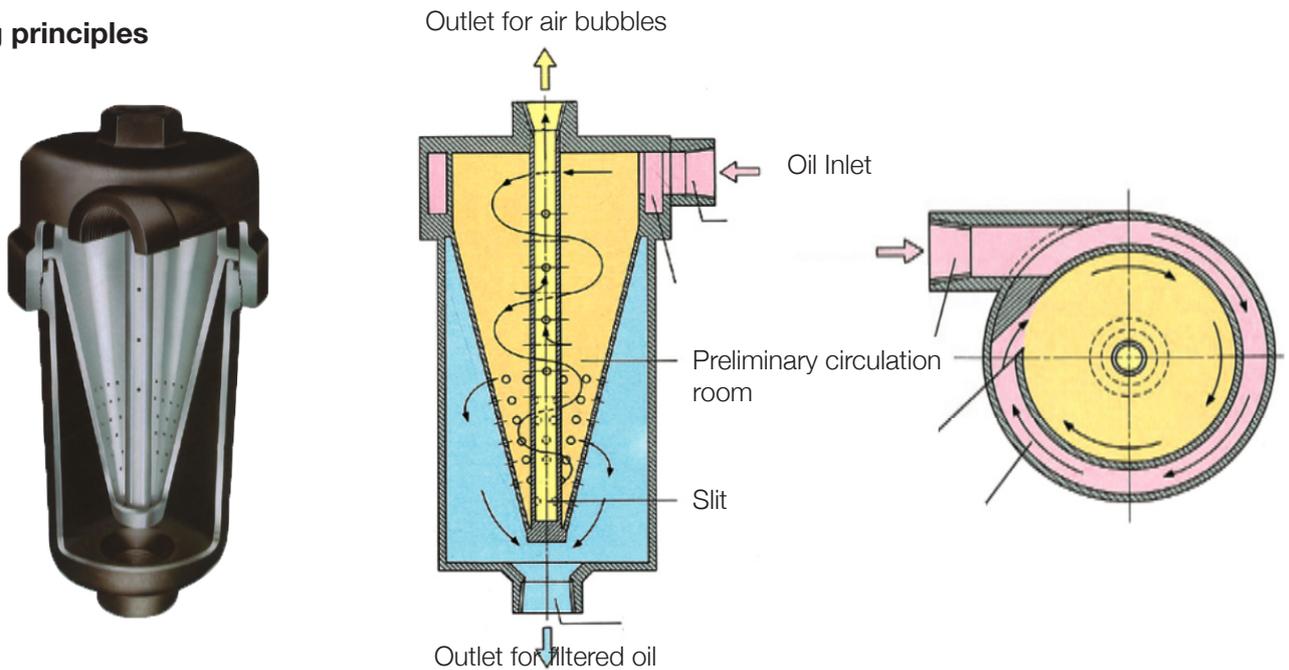
- Extends oil life.
- Improves machine reliability and component life.
- Allows the use of smaller oil reservoirs.
- Improves oil filter efficiency.
- Improves coolers efficiency.
- Improves power transmission and saves on energy costs.

Technical specifications

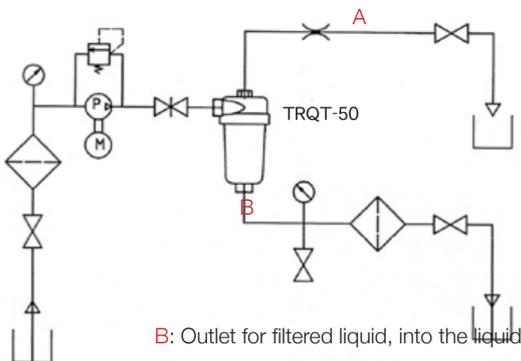
Model	Article nr.	Flow rate	Length	Diameter	Weight	Max viscosity
TRQT-50	TR-45800	9 - 50 l/min	196 mm	88 mm	810 gr	250 cSt
TRQT-100	TR-45805	50 - 100 l/min	270 mm	170 mm	2,7 kg	250 cSt

Please consult us when you want to use Quicktron with flow rates outside of the specifications, high pressure or high temperatures, or fluids with higher viscosity than the specifications (250 cSt or higher).

Working principles



A : Outlet for air bubbles, into the air close to the liquid level



B: Outlet for filtered liquid, into the liquid

- Adjustment of the flow rate at the Outlet for air bubbles: adjust the flow rate with the Orifice roughly at 5 to 7% of the pump delivery.
- Piping: you need to arrange the piping for the air bubble discharge in addition to the IN/OUT piping. Return the liquid (and air) from the Outlet for air bubbles (the ratio of air and liquid varies depending on how much air is mixed in the liquid) to the tank, and locate this outlet far from the suction of the machines and into the air (as close as possible to the liquid level).
- For other details, treat it +the same way as you do for the standard filtration systems.

Selection standards may vary depending on machine types, environments, fluid types, conditions. Please consult your Triple R distributor. Specifications may change without prior notices due to product improvements.