



REDUCE



REUSE



RECYCLE

### 3-IN-1 ABSOLUTE OIL CLEANING

Triple R's continuous investment in research and development delivers the highest standard of efficiency in oil filtration. Protecting your investments while boosting productivity.

Our filter elements are designed to *cleanse* industrial oils, removing everything from **1 solid particles** to **2 water** to **3 sludge, varnish and oxidation residues**. **3-in-1**, a Triple R unique, unmatched by any filter manufacturer worldwide.

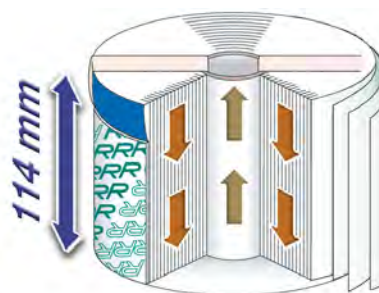
### A WIDE RANGE TO FIT EVERY APPLICATION

All Triple R filter elements are Multipass-tested and guarantee consistent and reproducible micron ratings and filtration efficiency.

The filter element range comes in 4 sizes (30, 50, 100 and 300 size), in various filter materials from cellulose to polyester to PP, and in 2 different setups (standard setup or 'double stage' D-series setup).

### THE TRIPLE R 3-STAGE FILTRATION CONCEPT

- The axial flow creates a **114 mm** thick filter buildup.
- The combination of Triple R's special cellulose material and the thickness of the element allows absorbing of water and sludge.
- The lower part is compressed by a carton box, creating an even finer filter medium.





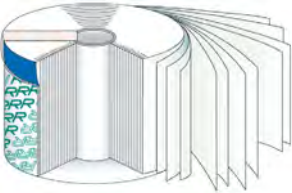




1. Big particles stay on top of the element.
2. Smaller particles are captured in the upper non-compressed part.
3. The smallest particles are captured in the lower compressed part.





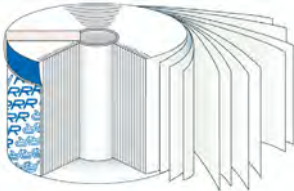


# FILTER ELEMENTS



## M-SERIES - 2 $\mu$ absolute ( $\beta_2 > 200$ and $\beta_3 = 949$ )

| MODEL  | M30   | M50   | M100-H114  | M300-H114   |
|--|---|---|--|---|
| Article nr.  | TR-20230  | TR-20330  | TR-20430   | TR-20520  |
| Dimensions   | Ø104 x H114   | Ø143 x H114   | Ø179 x H114  | Ø303 x H114   |
| Triple R Filter system   | BU30E<br>SE30-YT  | BU50E<br>SE50-YT  | BU100/200/300E<br>SE100 up to SE600<br>AL100, OSCA AL-series<br>SU/SS102, SU/SS103   | SS305   |
| Element height<br>114 mm   |  |    |    |  |
| <b>FEATURES</b><br>- High performance filter element.<br>- Meant for hydraulic oil and for systems requiring best possible particle filtration.<br>- Cleanliness level: NAS 6 - ISO 16/14/12 or better.<br><br>Element setup:  |   |   | <b>M100-H80</b>  | <b>M300-H80</b>   |
|  |   |   | TR-20560   | TR-20530  |
|  |   |   | Ø179 x H80   | Ø303 x H80  |
|  |   |   | SS104  | SS306   |
|  |   |  |  |   |

## E-SERIES - 3 $\mu$ absolute - ( $\beta_3 > 75$ and $\beta_5 = 539$ )

| MODEL   | E30   | E50  | E100-H114   | E300-H114   |
|---|---|--|---|---|
| Article nr.   | TR-20270  | TR-20370   | TR-20470  | TR-20510  |
| Dimensions  | Ø104 x H114   | Ø143 x H114  | Ø179 x H114   | Ø303 x H114   |
| Triple R Filter system  | BU30E<br>SE30-YT  | BU50E<br>SE50-YT   | BU100/200/300E<br>SE100 up to SE600<br>AL100, OSCA AL-series<br>SU/SS102, SU/SS103    | SS305   |
| Element height<br>114 mm  |  |   |   |  |
| <b>FEATURES</b><br>Filter element for:<br>- Engine oil.<br>- Lube oil.<br>- First stage filtration for hydraulic oil with a high dirt load.<br><br>Element setup:  |   |  | <b>E100-H80</b>   | <b>E300-H80</b>   |
|   |   |  | TR-20570  | TR-20540  |
|   |   |  | Ø179 x H80  | Ø303 x H80  |
|   |   |  | SS104   | SS306   |
|   |   |  |  |   |

# FILTER ELEMENTS



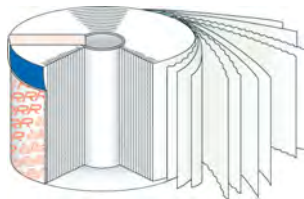
## X-SERIES - 5 $\mu$ absolute - ( $\beta_5 >75$ en $\beta_{10} = 145$ )

| MODEL                    | X30              | X50              | X100-H114  | X300-H114   |
|--------------------------|------------------|------------------|--|-------------|
| Article nr.              | TR-25250         | TR-25350         | TR-25450   | TR-20512    |
| Dimensions               | Ø104 x H114      | Ø143 x H114      | Ø179 x H114  | Ø303 x H114 |
| Triple R Filter system   | BU30E<br>SE30-YT | BU50E<br>SE50-YT | BU100/200/300E<br>SE100 up to SE600<br>AL100, OSCA AL-series<br>SU/SS102, SU/SS103 | SS305       |
| Element height<br>114 mm |                  |                  |  |             |

### FEATURES

- Long life filter element for engine oil.
- Special cellulose filter medium that allows higher dirt absorbing.
- Perfect for high viscosity oil (220 - 320 - 460 cSt oil).

Element setup:



### X100-H80

### X300-H80

|            |            |
|------------|------------|
| TR-20580   | TR-20550   |
| Ø179 x H80 | Ø303 x H80 |
| SS104      | SS306      |
|            |            |

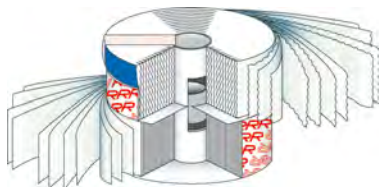
## D-series ( $\beta_2 >75$ - $\beta_3 = 458$ )

## WG-series

| MODEL                    | D100   | D300        | WG100   | DWG100      |
|--------------------------|--|-------------|---|-------------|
| Article nr.              | TR-20000   | TR-20515    | TR-25470  | TR-25480    |
| Dimensions               | Ø179 x H114  | Ø303 x H114 | Ø179 x H114   | Ø179 x H114 |
| Triple R Filter system   | BU100/200/300E<br>SE100 up to SE600<br>AL100, OSCA AL-series<br>SU/SS102, SU/SS103 | SS305       | BU100/200/300EW<br>SE100WG up to SE600WG<br>AL100WG, OSCA AL-WGseries<br>SU102, SU103 |             |
| Element height<br>114 mm |  |             |   |             |

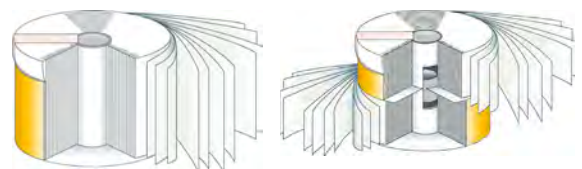
### FEATURES

- 2 $\mu$  absolute filter elements.
- 2 stage build, with X-filter medium at the upper part and M-filter medium at the lower part. Separated by a non-woven disc, to protect the lower part in case of excessive water.



### FEATURES

- 10 $\mu$  and 5 $\mu$  filter elements for **water glycol** fluids (WG).
- The DWG100 has a 2 stage build separated by a non-woven disc, for additional particle removal.






# FILTER ELEMENTS



|                        | WE-100   | WS-series  |  | OS10   |
|------------------------|--|--|--|--|
| <b>Model</b>           | <b>WE100</b>   | <b>WS10</b>  | <b>WS20</b>  | <b>OS10</b>  |
| Article nr.            | TR-20450   | TR-20101 - TR-20125  | TR-20201 - TR-20225  | TR-26500   |
| Dimensions             | Ø179 x H114  | Ø68 x H250   | Ø68 x H500   | Ø70 x H250   |
| Triple R Filter system | AL100, BU100, SE100  | 3WS20, 6WS20   |  | OS-systems   |
| Filter element         |   |   |  |   |
| Features               | <p><b>WATER ABSORBER.</b><br/>Absorbs 900 ml water.</p>  | <p><b>WATER SEPARATOR.</b></p> <ul style="list-style-type: none"> <li>- 1µ for oil &lt; 46 cSt.</li> <li>- 15µ for oil &gt; 40 cSt</li> <li>- Separates water from oil, based on the coalescence principle.</li> </ul>  |  | <p><b>OIL SEPARATOR</b></p> <ul style="list-style-type: none"> <li>- 1µ filter element.</li> <li>- separates oil from water, based on the coalescence principle.</li> </ul>  |

## SUCTION PRE-FILTERS

| Model                  | SE-series   | OSCA-series   | LL-series   |
|------------------------|---|---|---|
| Article nr.            | TR-21461  | TR-21200  | TR-21000  |
| Dimensions             | Ø35 x H50   | Ø112 x H151   | Ø150 x H250   |
| Triple R Filter system | SE-series   | OSCA-series   | LL-housing - OSCA-systems   |
| Filter element         |  |  |  |
|                        | Metal mesh suction filter elements, washable - 80/100µ                              |   |   |