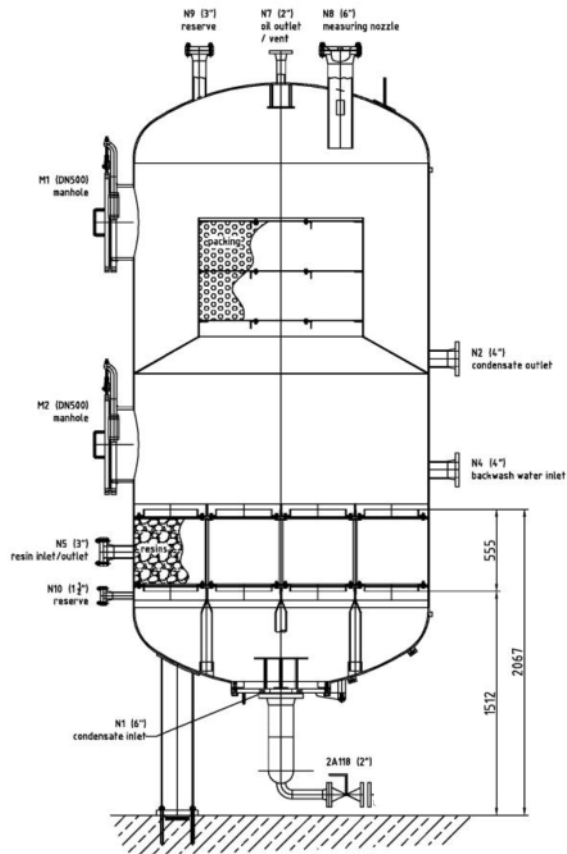
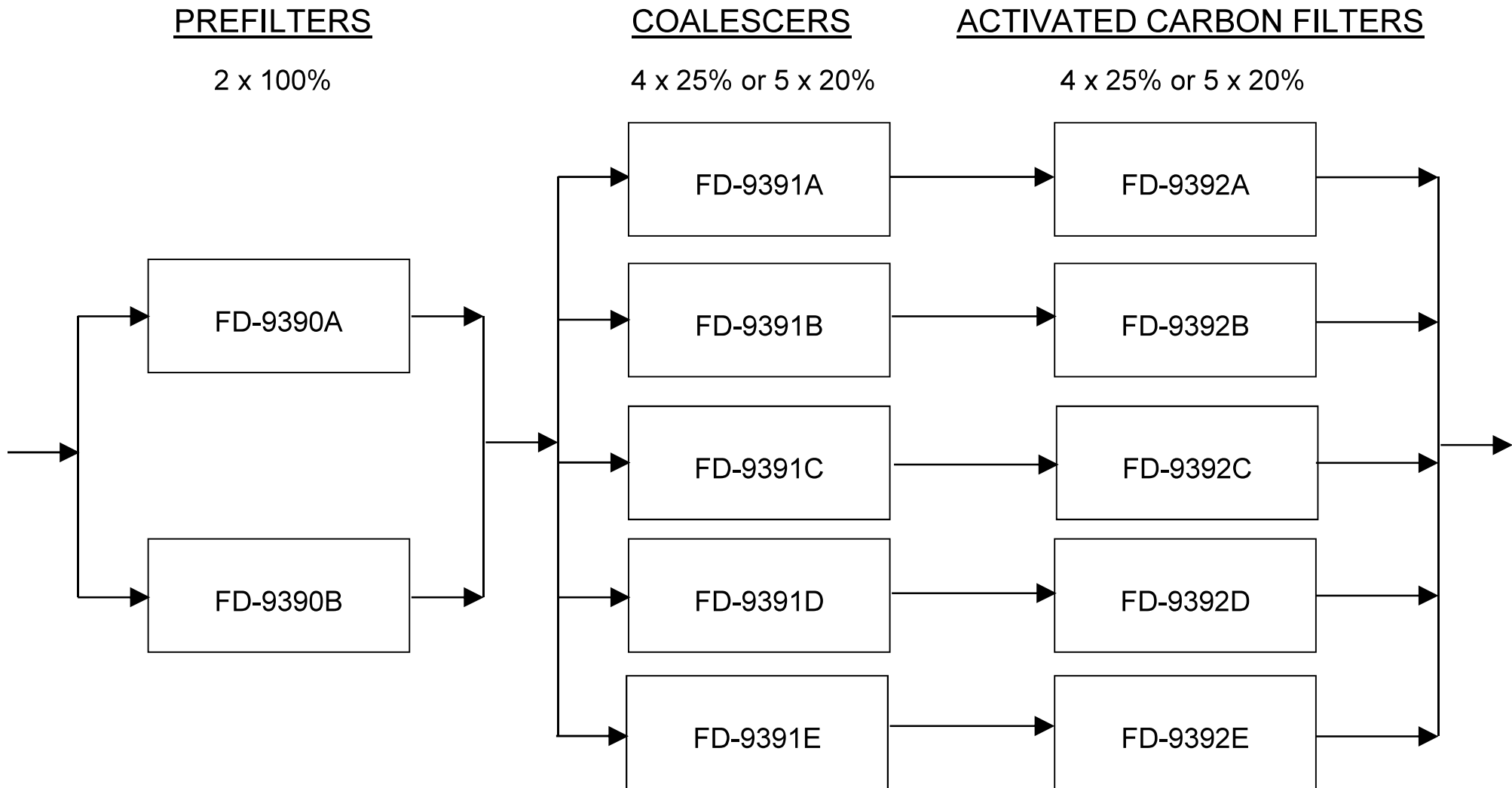


COALESCER (1)



<i>Vessel Manufacturer:</i>	AIN
<i>Resin type:</i>	Purolite® OL100 Oleophillic
<i>Metal packings type:</i>	VFF Füllkörper VSP®
<i>Design:</i>	WBG
<i>Capacity:</i>	20 - 70 m ³ /h
<i>P_{max}</i>	10 bar
<i>T_{max}</i>	120°C
<i>Volume:</i>	11250 l
<i>Flow:</i>	Upstream
<i>Operation:</i>	Continuous
<i>Backwash:</i>	Not required during normal operation only when the differential pressure of the vessel becomes sufficiently high.
PURPOSE:	To reduce the oil content down to 1 ppm so that the activated carbon has more extended efficiency over time and to prevent its premature fouling.

DEOILING UNIT



RAW CONDENSATE

$Q_{\min} = 60 \text{ m}^3/\text{h}$
 $Q_{\max} = 280 \text{ m}^3/\text{h}$
 $T_{\max} = 98^\circ\text{C}$
 $P_{\min} = 1,5 \text{ bar}$
 $P_{\max} = 10 \text{ bar}$
 $\text{Oil}_{\max} = 8 \text{ ppm}$

DEOILED CONDENSATE

$\text{Oil}_{\max} = 0,1 \text{ ppm}$
 $T_{\max} = 40^\circ\text{C}$

CLEAN CONDENSATE

$K_{\max} = 1 \text{ }\mu\text{S}/\text{cm}$
 $\text{SiO}_{2, \max} = 20 \text{ }\mu\text{g}/\text{l}$

