

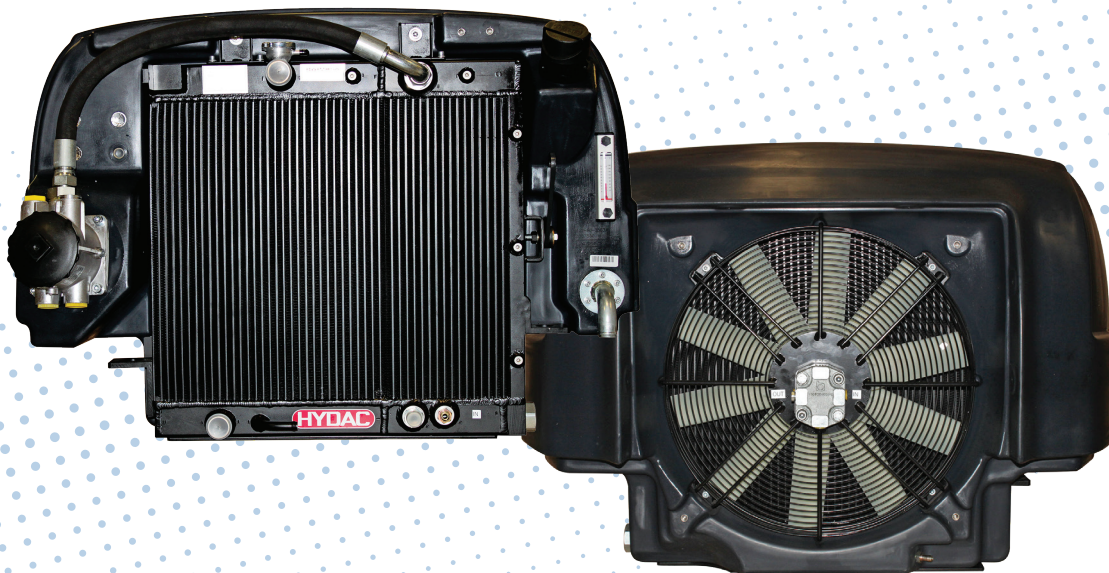
HYDAC

Cooler Filter Tank

TURNKEY SOLUTION FOR MOBILE OEMS

HYDAC's cooler filter tank (CFT) is a one-of-a-kind solution designed and created to improve component efficiency and reduce tank size, leakage points, and plumbing in mobile/off-highway machinery. CFTs are tailor-made to customer requirements as a single component to be lighter, smaller, and more energy efficient for diesel drives, hybrid drives, and electrified machines.

- Compact dimensions
- High performance & efficiency levels
- High retention rate & minimal pressure loss
- High-quality protection filter
- Improved flow & deaeration
- Integrated sealing technology
- May significantly reduce tank size
- Meets challenging application requirements
- One part number
- Optimized for multiple cooling circuits



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evolutionmotion.com/products/cooler-filter-tank-hydac



Expert Fluid Engineering

Our expert engineering processes include conceptualization, design, prototype, pre-series, and production, with a strong focus on optimizing the tank's flow to decrease the size, weight, leakage points, plumbing, and amount of air in the oil. Through these processes, we create custom cooler filter tank systems designed specifically for your application's requirements.

The optimized design may include a return-suction line filter, a breather filter, a protective grille, a hydraulic fan, an oil tank with optimized geometry, and a fluid level gauge. The optimization of the cooling concept leads to less needed space, increased performance, and noise reduction due to a damping effect of the oil tank.

Other Mobile Cooling Systems from HYDAC

Mobile Air Coolers

- Compact, easy-to-install, high-performance engine cooling system solution
- One air fin for a higher cooling capacity (CP)
- One air fin for lower susceptibility to contamination (HB)
- Effective as an oil and coolant cooler, even for low electrical conductivities



Mobile Fluid Cooling Systems

- Provides efficient cooling to prevent damage and failure
- Complete turnkey solution for thermal management challenges, such as impaired equipment service life

