

## INSTALLATION AND SERVICE INFORMATIONS:

### WARNINGS AND SYMBOLS

Read this guide and be carefully about warnings before installing cooler to your machine.  
Radiator warning labels



fig 1.

fig 2.

fig 3.

Fig 1 - High Temperature - Cooler surface can be hot, Don't touch for your safety.  
Fig 2 - Rotating wings - We recommend to don't take our fan cover for your safety.  
Fig 3 - Noisy operation - We recommend you to use ear plug for your safety.

### COMPATIBLE LIQUIDS

Our coolers can be used for below ;

- Water
- Engine Oil
- Hydraulic Oil
- Air

You can contact with us for different liquid applications.

### LIFTING AND HANDLING

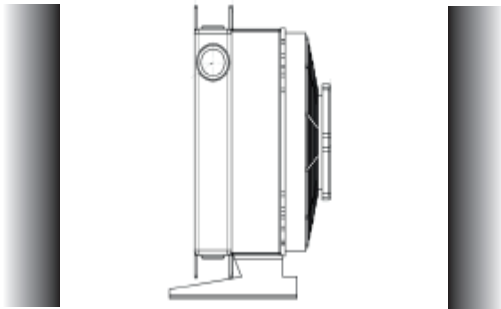
Our coolers packed with standard installation parts in wooden or protected carton boxes regarding to sizes and weights. Products of size and weight that cannot be carried by the human power must be lifted with suitable lifting devices. For products with a narrow mounting area, they can be lifted and mounted by hanging with lifting hooks. Before lifting and installing, remove all packing materials, Don't install if there is any damage on cooler and contact with us.

### INSTALLATION

Only qualified technical personnel must should install the product. The mounting position must allow the required airflow. It should be installed away from exhaust gas and dust.

Min. 300 mm

Min. 300 mm



Distance between cooler and panels

- Keep flow rate constant

- Prevent electrical parts and plastic parts from being affected by humid environments and heat sources.

- Connect the return line of the system to the inlet of the cooler and outlet to the tank.

- The hose between the tank and the cooler should be as short as possible and match the flow rate.

- You can use our rubber damper installation kit to protect your cooler from vibration.

- 230V-440V electrical connection must be fixed by qualified electric technician.



### OPERATION AFTER INSTALL

Check Cooler and Fan Cover.

Check that the cooler is installed correctly and in accordance with the installation information above.

Check Fan wings are not touching anywhere with turning fan wings with your hand.

Check warning stickers on your cooler and fan direction sticker.

Check fan direction on first operation, it must be same as on sticker.

### MAINTENANCE

In case of obstruction of the air channels, you can wash with pressure water in the direction of air flow. Otherwise, the fins will crush and block the air flow. During washing, the fan motor must be disconnected and protected.



You can contact with our technical team in case of needs.

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