

## Technical information

An aftercooler is a mechanical cooling unit that operates on the principles of heat exchange between two mediums, usually water and air. Aftercooler units can be used to attain temperatures between 5-20°F immediately after compressed air is released from the compression.

What are the three types of aftercoolers? Types Of Aftercoolers. The two most common types of aftercoolers are air-cooled and water-cooled. Air-cooled aftercoolers use ambient air to cool the hot compressed air.

What is the purpose of an aftercooler in a diesel engine?

What Is an Aftercooler on a Diesel Engine? An aftercooler is a device positioned on a marine engine that controls the temperature of the air after it has traveled through the engine's turbocharger. The turbocharger increases a boat's power and energy efficiency by pushing pressurized air into the cylinders.

How does the aftercooler work? An aftercooler is a heat exchanger used in turbocharged engines (after the compressor) to cool the compressed air off back to near ambient temperature as soon as it is discharged from the compressor. It increases air density, which increases both the maximum power output and efficiency of the engine.

What is the use of an aftercooler in the compressor? Aftercoolers are heat exchangers for cooling the discharge from an air compressor. They use either air or water and are an effective means of removing moisture from compressed air. Aftercoolers reduce the amount of water vapor in a compressed air system by condensing the water vapor into liquid form.



**Note:** Our team has the equipment to soak, flush, test, and straighten fins.



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