COOLING ITEMS FOR PERFORMANCE AND POWER

HIGH PRESSURE RADIATOR CAP

FEATURE

Raises the boiling point for better cooling efficiency, and prevents over heating

Fortified main pressure valve spring and silicon packing are used to raise the pressure inside the radiator for a higher boiling point. The coolant will not boil easily, prevents air bubbles in the block and radiator core with improved heat transfer.

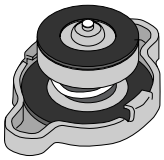
CUSCO's high-pressure radiator cap works at 1.3kg/cm2 at zero atmospheric pressure. In theory, the atmospheric pressure of the road surface (approximately 1.0kg/cm2) is added and the pressure is 2.3kg/cm2.

RADIATOR INTERNAL PRESSURE AND BOILING POINT

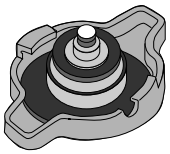
PRESSURE	BOILING POINT
2.3 kg/cm²	126.5°C
2.0 kg/cm²	122.6°C
1.9 kg/cm²	120.3°C
1.0 kg/cm²	100.0°C

1.0kg/cm^2 (atmospheric pressure) + 1.3kg/cm^2 (pressure valve) ≒ 2.3kg/cm^2

* The atmospheric pressure can vary under road conditions.



A type



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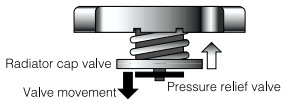


Operates from 2.3kg/cm^2
Boilng point approximately 126.5℃

RADIATOR COOLING PLATE

FEATURE

Increases radiator air flow/pressure

Immediately decreases radiator coolant temperature. Better combustion efficiency Increases air going through the radiator for more output, thus holding down coolant temperature on track runs and continuous high speed drives, preventing over-heating.

MATERIAL

Lightweight aluminum

MOUNT

Bolt-on type

Easily mounted by using original nuts and bolts on the chassis.

* Some cars may require the use of the nuts and bolts included in the kit.

WATER SPRAY CONTROLLER

FEATURE

Keeps excessive heating down and allows continuous driving runs, with power.

Decreases temperature for in-going air to the intercooler, enabling better combustion and increasing air intake amount for more power.

USE

There are various ways to cool your intercooler

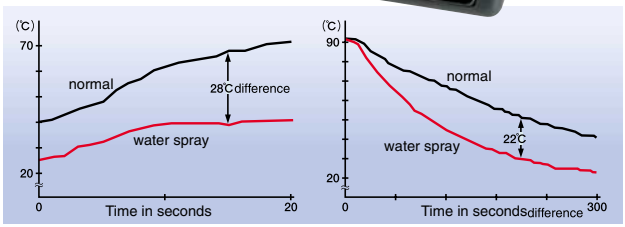
It can be set to spray continuously in a span of one to five seconds between each spray. Also, the spray interval each time can be set at either 3, 4, 5, 7 or 9 seconds as you wish. Other settings include continuous spray for a period of 15 seconds to 3 minutes maximum, as well as spray during a certain RPM wished.

ADDITIONAL FEATURE

With the optional Nose and Hose set fitted, the radiator can also be water sprayed as well.

FITTING

This widely available CUSCO product is made to fit all models.



Typical Intercooler cooling

Typical radiator cooling

SUBARU IMPREZA INTERCOOLER HEAT SHIELD

FEATURE

Shields the heat for the intercooler

The shield

SUBARU IMPR[illegible]EINFORCED RADIATOR HOSE

Discontinued

FEATURE

Prevents overhea[illegible]on continuous high speed runs

This specially made material hose is strong enough not to be damaged on high-rev, high-speed runs with the thermostat taken off!

Reinforced radiator hose