



Steam Generators for Windshield Demisting Tests

Conform to various automotive standards

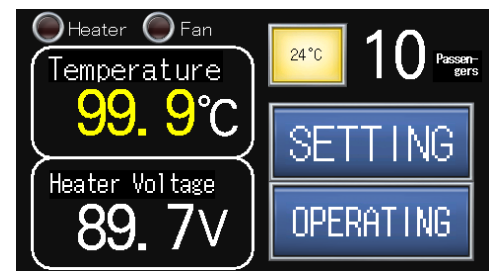
two models are available, one for up to seven passengers equivalent and the other for up to eleven corresponding from small to large vehicles. By employing multiple units, it can be applied also for buses and trains. These steam generators are ideal for windshield demisting/defrosting tests for vehicle type approval and for device development.



Main Unit and Control Box Image

<Features>

- Applicable to large vehicles up to eleven passengers
- Multiple-unit usage also possible
- Control box with easy-to-read touch panel
- Japanese-English bilingual switchable display
- Boiling of water from ordinary-temperature water possible
- Supports multiple power sources
- Generate set amount of steam constantly by feedback control of the heater.
- Equipped with no-water heating prevention function



<Applicable standards: windshield demisting tests>

- ◆ JIS D 4504-1995 Japanese Industrial Standard
- ◆ ISO 3468:2014 International Organization for Standardization
- ◆ (EU) 2021/535 European Standards
- ◆ SAE J902_201909 Society of Automotive Engineers

To be manufactured and verified according to the standards on your requested.

<Specification> max. 11 passengers equivalent model

- Steam : 70~770g/hr
- Water tank : 3.2 ℓ
- Heater : 800W
- Cable length : 10m (between steam generator and control box, standard length)
- Power supply : AC100~240V
- Weight : Steam generator (empty) 9kg
Steam generator (full) 12kg
Pedestal body 4kg

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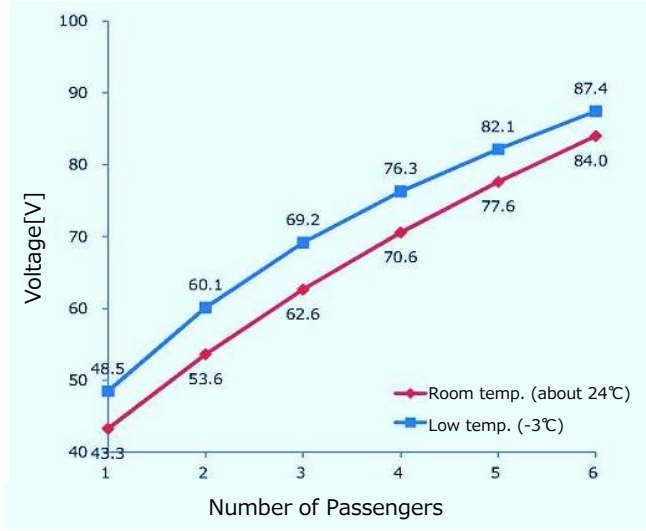
Steam Generators for Windshield Demisting Tests

All operation can be run by touch panel!

Red lamp lights up: while the heater is on while the fan is on

Ready for test when boiled sufficiently

Placement example for a windshield demisting performance test (max. seven passengers equivalent, low tank type)



<Other applications>

- Demisting/defrosting performance test for newly developed HVAC system
- Air conditioner demisting test for large vehicles such as trains and buses
- Cabin air conditioning demisting test for agricultural and construction machinery
- Fogging test for onboard camera lenses
- Demisting test for amphibious vehicles
- Tests that require steam volume control
- Tests that require constant steam generation

