

# Bus Roof Hatch



Roof Hatches are of utmost importance and integral part of the safety system of any bus. Worldwide roof hatches are considered to be life saving feature. Roof hatches are not to be considered as a symbolic opening or openings only for fresh air, rather these are the life saving systems

for the passengers trapped in the bus during unfortunate event of road accident or bus toppling.

SPHERE Roof Hatches have the quality to serve its purpose and let passengers escape in unfortunate events.

The Hatches are ARAI certified.



Model ST1



Model ST2

**ARAI Certified**

## TECHNICAL SPECIFICATIONS

- Sphere hatches primarily acts as an EMERGENCY EXIT with handles Inside as well as outside
- Ventilation is through two steps opening of 37.5mm and 70mm on both sides of the hatch allowing more fresh air inside the bus
- Having handles inside and outside provides extra safety to the passengers
- The overall size of the Hatch is 1040 mm X 600mm
- The clear opening in case of Emergency is 960mm X 525mm
- The ventilation axial fan of 24 volts provides forced exhaust with fan diameter 190mm
- Airflow 450 M3/Hr.
- Low noise level: 68 db

Model ST5



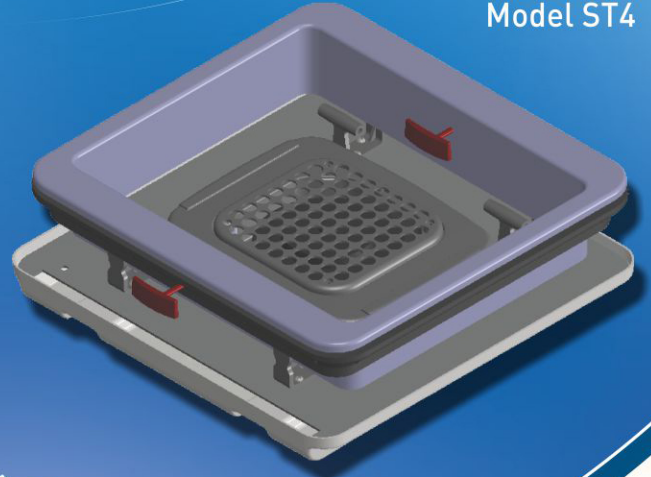
## TECHNICAL SPECIFICATIONS

- The exhaust fan unit provides suitable ventilation in buses, coaches or minibuses
- Easy to assemble/install and is available in 12V & 24V
- Air flow 450m<sup>3</sup>/hr
- Waterproof, Rustproof & long life motor
- Available in supply or exhaust version

Model ST3



Model ST4



**ARAI Certified**

## TECHNICAL SPECIFICATIONS

- The overall size of the Hatch is 600mm X 600mm
- Ventilation is through two steps opening of 37.5mm and 70mm on both sides of the hatch allowing more fresh air inside the bus
- Also acts as an EMERGENCY EXIT with handles inside as well as outside
- Having handles inside and outside provides extra safety to the passengers.
- The clear opening in case of emergency is 530mm X 510mm
- Forced exhaust / ventilation is provided with axial fan of 24 volts having diameter 190mm, flow of 450M<sup>3</sup>/Hr.
- Low Noise Level 68 db

**SPHERE THERMAL SYSTEMS PRIVATE LIMITED**

Plot No 7 Dabua-Pali Road , Faridabad - 121 004 Haryana

Tel: +91 129 4151 669, 9971116504, 8130427777 | info@spheretherm.com | www.spheretherm.com