

PERFECT FOR MINIBUSES

# MINISPHERE



## THE EASY WAY TO COOL MINIBUSES

Our compact Minisphere is not only the air conditioning unit with the fastest installation – at only 88 lbs. it is also the ideal lightweight solution for all minibuses. The unit can be installed with minimum investment in labor and time, making it an attractive option for retrofitting. It is also “mini” in terms of running costs.

[WWW.SPHEROS.COM/US](http://WWW.SPHEROS.COM/US)

**SPHEROS**

## HIGHLIGHTS



### Easy Installation

- Unit can be carried and installed by only two men in a short time
- Fast and easy retrofit



### Aerodynamic Design

- Flat design in harmony with vehicle construction (7 inches)



### Low Life-Cycle Costs

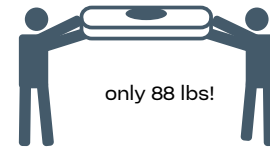
- Lightweight construction (88 lbs.) result in low fuel consumption
- Lower weight as the maximum roof load (Roof structure don't have to be reinforced)



### Comfort

- Available in 10 kW / 13 kW for moderate climate zones and hot countries
- Variable air outlet position: central / lateral
- Optional: Fresh air, Heating, Fresh air & heating

Ducting View



## TECHNICAL DATA

	Minisphere 100	Minisphere 130
Max. cooling capacity (BTU/h)	34,144	44,388
Voltage (V)	12	12
Air flow volume (free blowing, m³/h)	2,100	2,100
Max. power consumption (A)	50	64
Weight (lbs)	84	88
Dimensions L x W x H (in)	56 x 51 x 7	56 x 51 x 7
Heat output (optional, BTU/h)	up to 70,000	up to 70,000
Fresh air	Optional (30%)	Optional (30%)
Dimensions L x W x H (in.) with fresh air	59 x 51 x 7	59 x 51 x 7
Compressor (cm³)	varies	varies
Cut-off temperature (°F)	126	126

Control Unit SC 400 / SC 410



Functional, robust and easy to operate

- Proven and reliable Valeo quality
- Versions:
  - SC 400 (cooling)
  - SC 410 (cooling with fresh air and heating option)
- Error code display
- Front splashproof (IP54)