



Merely illustrative image

AIR CONDITIONING

Minibus - Rooftop

CC185

CC205

CC205W

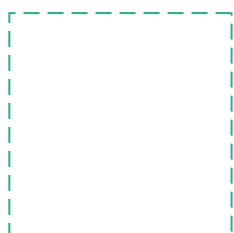
CC215W

Best relationship between

Weight x Performance

Reliability

Thermal Comfort



FOC 205_REV.00/April 2022

SPHEROS

Technical Data

Highlights	CC185	CC205	CC205W	CC215W
Maximum Capacity	75.000 BTU/h (22 kW)	85.000 BTU/h (25 kW)	85.000 BTU/h (25 kW)	95.500 BTU/h (28 kW)
Flow of Evaporator	4.400 m ³ /h	4.400 m ³ /h	4.400 m ³ /h	4.400 m ³ /h
Flow of Condenser	5.800 m ³ /h	5.800 m ³ /h	5.800 m ³ /h	8.700 m ³ /h
Roof Unit Weight ¹	95 Kg	95 Kg	105 Kg	110 Kg
Refrigerant Gas ²	R134a - 2,8 kg	R134a - 2,8 kg	R134a - 2,8 kg	R134a - 2,8 kg
Compressor Weight ³	5,1 Kg	9,5 Kg	9,5 Kg	13,5 Kg
Compressor	215 cm ³	313 cm ³	313 cm ³	425 cm ³
Dimension L x W x H (mm)	2646 x 1194 x 215	2646 x 1194 x 215	2646 x 1500 x 205	2646 x 1500 x 205
Roof Radius (mm)	5.500 - 8.000	5.500 - 8.000	5.500 - 12.000	5.500 - 12.000

1- Weight of rooftop unit without integrated heating system.

2- Gas load values vary according to application.

3- Compressor weight without clutch.

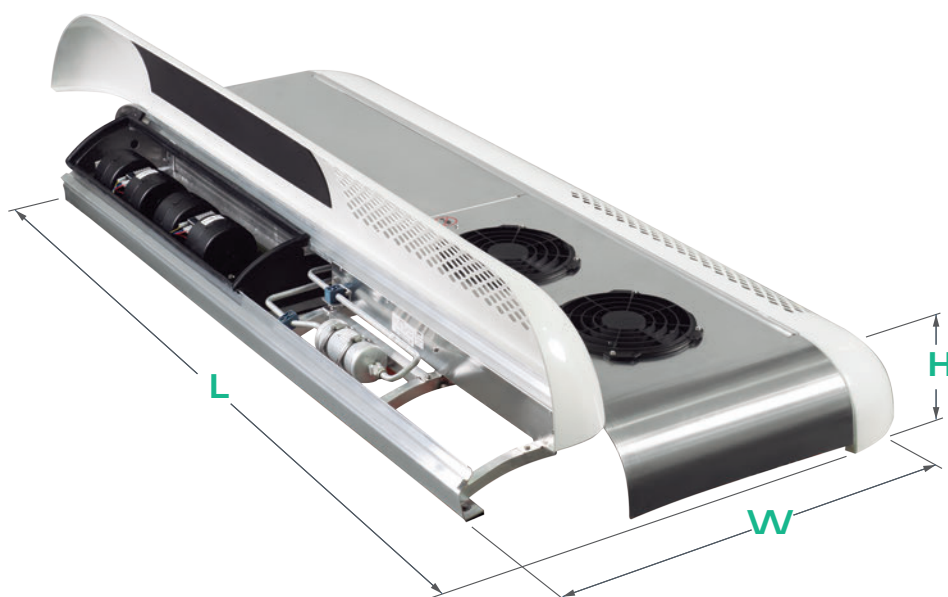
Optional	Highlights	CC185 / CC205 / CC205W / CC215W
Heating System	Heating Capacity	75.000 BTU/h (22 kW)
Fresh Air System	Fresh Air Capacity ⁴	25%

4- Referring total flow of the evaporator.

Highlights

- High cooling capacity
- High airflow
- Low noise
- Low operational cost
- Easy maintenance
- Produced from sustainable material
- Evaporator with 4 blowers
- Condenser with up to 3 Fans *

* CC215W for applications in climatic zones with high temperature.



Application

- Minibus
- Roadbus
- Citybus
- Coaches

Technical Features

Digital Electronic Control

- Smart commands
- Automated control (keeps the AC at the programmed temperature)
- Fresh air flap manually or automatically controlled
- Alarms for fault diagnosis

Relay Board

- High reliability
- Easy maintenance

Compressor

- High performance
- Long durability

Blower/Fan

- Low noise
- High performance
- Long durability