



Merely illustrative image

## AIR CONDITIONING

### Coaches / Citybus - Rooftop

**CC336**

**CC356**

Best relationship between

Weight x Performance

Reliability

Thermal Comfort



FOC 205\_REV.00/June 2020

**SPHEROS**

## Technical Data

Highlights	CC336	CC356
Maximum capacity <sup>5</sup>	120.000 BTU/h (35 kW)	136.500 BTU/h (40 kW)
Flow of evaporator <sup>4</sup>	6.600 m <sup>3</sup> /h	6.600 m <sup>3</sup> /h
Flow of condenser <sup>4</sup>	8.700 m <sup>3</sup> /h	11.600 m <sup>3</sup> /h
Roof Unit Weight <sup>1</sup>	145 Kg	155 Kg
Refrigerant gas <sup>2</sup>	R134a - 4,3 Kg	R134a - 4,3 Kg
Compressor	TM65 / 635 cm <sup>3</sup>	TM65 / 635 cm <sup>3</sup>
Peso Compressor <sup>3</sup>	18,5 kg	18,5 kg
Compressor	Bock FK 40 / 650 cm <sup>3</sup>	Bock FK 40 / 650 cm <sup>3</sup>
Compressor weight <sup>3</sup>	32 kg	32 kg
Dimension L x W x H (mm)	3196 x 1696 x 220	3196 x 1696 x 220
Roof Radius (mm)	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.

4- Flow with free fan (no load restriction before or after it).

5- Test conditions: Evaporator 40°C / Condenser 35°C / UR 46%.

Optional	Highlights	CC336 / CC356
Integrated Heating System	Heating capacity	136.500 BTU/h (40 kW)
Air Renewal System	Fresh air capacity <sup>6</sup>	25%

6- 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 4 Fans

### Application

- Bus
- Coaches
- Chartering
- Citybus

## 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