

AC353 G4

LARGE BUS ROOFTOP AIR CONDITIONER



AC353 G4



PRODUCT BENEFITS:

- Complete capacity range from moderate to desert climates
- Extremely compact modular design due to advanced MCHX (Micro Channel Heat Exchanger) technology
- Faster installation reduces time in bus production
- Reduced refrigerant charge for a greener environment
- One standard footprint for all units
- Reduced life cycle cost and even better serviceability
- Ultra-low weight for lower fuel consumption and emissions



MODULAR SYSTEM



LIGHTWEIGHT



ENERGY EFFICIENCY



LIFE-CYCLE COSTS

The AC353 G4 is the result of continuous development of the extremely successful AC353. With many thousands of installed units, running even under the harshest climatic conditions, the AC353 has proven its trendsetting superiority and its ability to provide the most advanced passenger comfort solutions worldwide. Many times copied, yet never equalled, the AC353 has become the synonym for absolute performance and reliability. The AC353 G4 is going the next step and is setting new standards in bus air conditioning.

TECHNICAL DATA	AC353 G4 I	AC353 G4 II	AC353 G4 III	AC353 G4 IV
Nominal cooling performance	20 kW	26 kW	29 kW	34 kW
Max. cooling performance	27 kW	34 kW	38 kW	45 kW
The nominal cooling performance was determined under the following conditions: exterior temperature 35 °C, interior temperature 27 °C. The max. cooling performance was determined under the following conditions: exterior temperature 35 °C, interior temperature 40 °C.				
Heating capacity	38 kW	38 kW	38 kW	24 kW
Length	3,015 mm	3,840 mm	3,840 mm	3,840 mm
Width	1,850 mm	1,850 mm	1,850 mm	1,850 mm
Height	215 mm	215 mm	215 mm	215 mm
Weight	155 kg	175 kg	180 kg	195 kg
Evaporator air capacity	4,400 m ³ /h	6,600 m ³ /h	6,600 m ³ /h	8,800 m ³ /h
Total current input at 12/24 VDC	- /72 A	- /94 A	- /94 A	- /128 A
Refrigerant	R134a	R134a	R134a	R134a
Roof radius*	10 m	10 m	10 m	10 m
Compressor capacity**	470 cm ³	560 cm ³	560 cm ³	775 cm ³

* Other roof radii available on request

** Other compressor types available on request

