

R488 INTEGRATED REAR AIR CONDITIONER



R488



PRODUCT BENEFITS:

- Condenser coil 7 mm versus 10 mm with 30 % larger surface
- Weight reduction from 320 kg to 276 kg
- Brushless condenser fans
- Brushless evaporator blowers
- CSSD CAN control system instead of specialized old control system
- Improvement in pressure drop (new design of the air duct, made of GFRP, new filter)
- Rapid installation
- Easier to service

The R488 is a custom solution that was developed in close collaboration with the bus manufacturer. The R488 provides perfectly comfortable conditions inside the bus in a humid tropical climate.



LIGHTWEIGHT



ENERGY EFFICIENCY



ENVIRONMENTAL PROTECTION



LIFE-CYCLE COSTS

TECHNICAL DATA

R488

| | |
|---|-----------------------|
| Nominal cooling performance | |
| Max. cooling performance | 53 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. | |
| Length | 2,137 mm |
| Width | 1,070 mm |
| Height | 704 mm |
| Weight | 276 kg |
| Evaporator air capacity | 8,700 m³/h (9 blower) |
| Total current input at 12/24 VDC | 150 A |
| Refrigerant | R134a |
| Compressor | 3 x TM31 or DKS32 |

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