



Mobile Climate Control
On Road



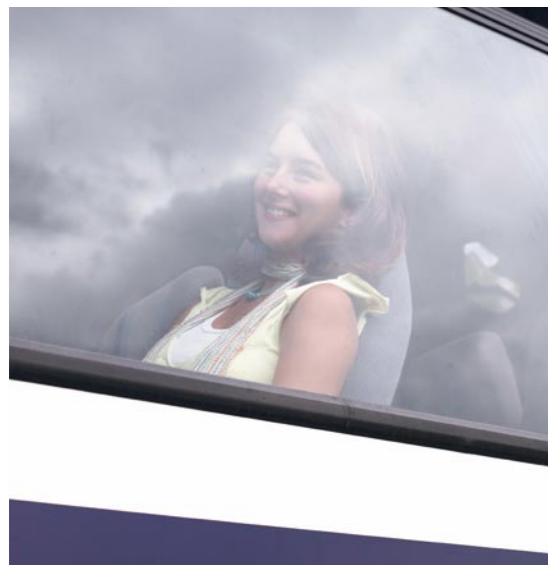
Keeping a low profile is a tough challenge



EcoTravel – low profile climate control for buses

EcoTravel:

High performance, low profile, low weight, easy to install.



Summary of advantages

- New patented product
- Uses less energy
- Saves gas mileage
- Latest air circulation technology

Standard Features

- One basic platform with 2 major variants
- Variant 1) Conventional 24V unit with engine driven compressor.
- Variant 2) Self contained Electric 208VAC/24VDC unit with hermetic compressor
- R134a and R407c versions
- Blowers 6 Brushless-3 speed or stepless
- Condenser fans 4 Brushless-2 speed
- Fresh air 0-100%
- Evaporator coils 2 copper tube aluminum fin construction with lacquer coating
- Center Heating coils 2 copper tube and aluminum fin construction with lacquer coating
- Condenser coil single with copper tube and aluminum fin and lacquer coating
- MCC ECC control system with diagnostics and com port
- Designed to run with Bitzer compressor 4NFCY
- Capacity control with compressor unloader

Optional Features

- Integrated air exhaust system
- Brushed motors
- ECC with keypad and digital display
- Pressure transducers or gauges
- 3 condenser fan lower capacity version for 30ft coaches
- R407c



EcoTravel Specifications

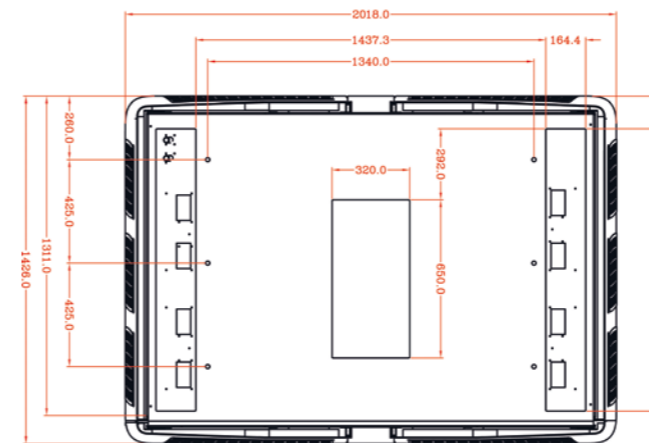
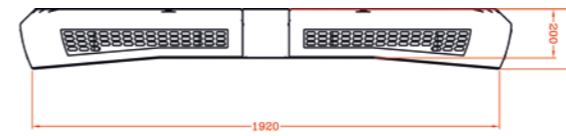
Bus Propulsion	Hybrid	Diesel
Physical Dimensions (Max)		
Overall Length of unit	115"	115"
Width of unit	75"	75"
Height of unit	12"	8"

	Performance				
	Cooling Capacity (rated)	Cooling Capacity (max)	Heating Capacity	Evaporator air flow rate	Condenser air flow rate
MCC-28	28 kW 95,500 BTU/Hr	36 kW 123,500 BTU/Hr	29 kW 99,000 BTU/Hr	2500 cfm	4500 cfm
MCC-28 R 407C	30 kW (102,400 BTU/Hr	37 kW 126,000 BTU/Hr	29 kW 99,000 BTU/Hr	2500 cfm	4500 cfm
MCC-32	32 kW 109,000 BTU/Hr	42 kW 143,000 BTU/Hr	29 kW 99,000 BTU/Hr	2500 cfm	5880 cfm
MCC-32 R 407C	35 kW 119,500 BTU/Hr	47 kW 160,000 BTU/Hr	29 kW 99,000 BTU/Hr	2500 cfm	5880 cfm
MCC-39	39 kW 133,000 BTU/Hr	55 kW 187,000 BTU/Hr	34 kW 116,000 BTU/Hr	3100 cfm	7250 cfm
MCC-20SC	20 kW 68,000 BTU/Hr	28 kW 95,500 BTU/Hr	22 kW 75,000 BTU/Hr	1670 cfm	7250 cfm
MCC-20S	20 kW 68,000 BTU/Hr	28 kW 95,500 BTU/Hr	22 kW 75,000 BTU/Hr	1670 cfm	
MCC-20H			21 kW 71,700 BTU/Hr	1735 cfm	

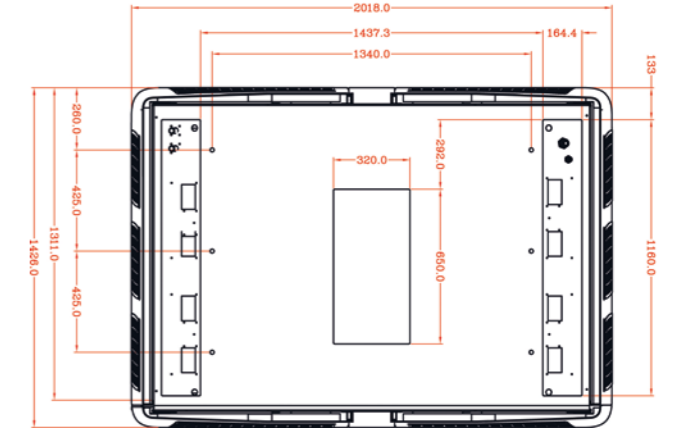
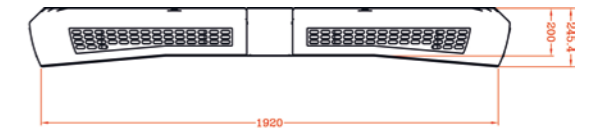
NOTES

- (1) At 35°C (95°F) DBT outside - 27°C (80°F) DBT / 19°C (66°F) WBT inside (r = 50%)
- (2) At 50°C (122°F) DBT / 39°C (102°F) WBT (r=50%) outside and inside
- (3) At 80°C (176°F) coolant - 20°C (68°F air and 1200l/h (5.3 GPM) coolant flow rate

EcoTravel 20H



EcoTravel 20S



Every vehicle deserves a better climate with MCC inside

Our target is to become the leading global HVAC provider to the commercial vehicle industry.

We provide exceptional performance in mobile climate control for OEM customers.



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