

MK-358 SPECIFICATION

DESCRIPTION

Kingtec MK-358 series units are designed for fresh, frozen and deep frozen applications on the 6~19m³ mini refrigerator trucks and vans. The road compressor is powered by the vehicle engine. While the unit with a second compressor it is powered by an electric motor. The stand-by unit is installed on the skirt of the truck or vans.

SYSTEM COMPONENTS

- Condenser assembly
- Evaporator assembly
- Swash plate road compressor (With magnetic clutch)
- Incab control box and wiring harness
- Electric stand-by assembly (Options)

REFRIGERENT (CHLORINE ZERO)

MK-358 (R404A): HFC R404A 1.3kg

ROAD COMPRESSOR (ENGINE DRIVEN)

- Number of cylinders: 6
- Displacement: 162cc
- Max recommended speed: 3000rpm
- Includes oil return Separator

DEFROST

- Automatic hot gas defrost

AIRFLOW VOLUME

EVK350 evaporator: 1600m³/h (940 cu ft/min)

ELECTRICAL SPECIFICATION

- DC voltage options: DC12V or DC24V
- Total current consumption on the road (road compressor)

	DC12V	DC24V
MK-358	38A	19A

- Total stand-by current consumption

	MK-358
220V/1Phase/50Hz	19.6A
230V/1Phase/60Hz	19.6A
115V/1Phase/60Hz	39A
230V/3Phase/50Hz	11.2A
230V/3Phase/60Hz	13.5A
400V/3Phase/50Hz	8.2A

■ Specifications are subject to change without notice.

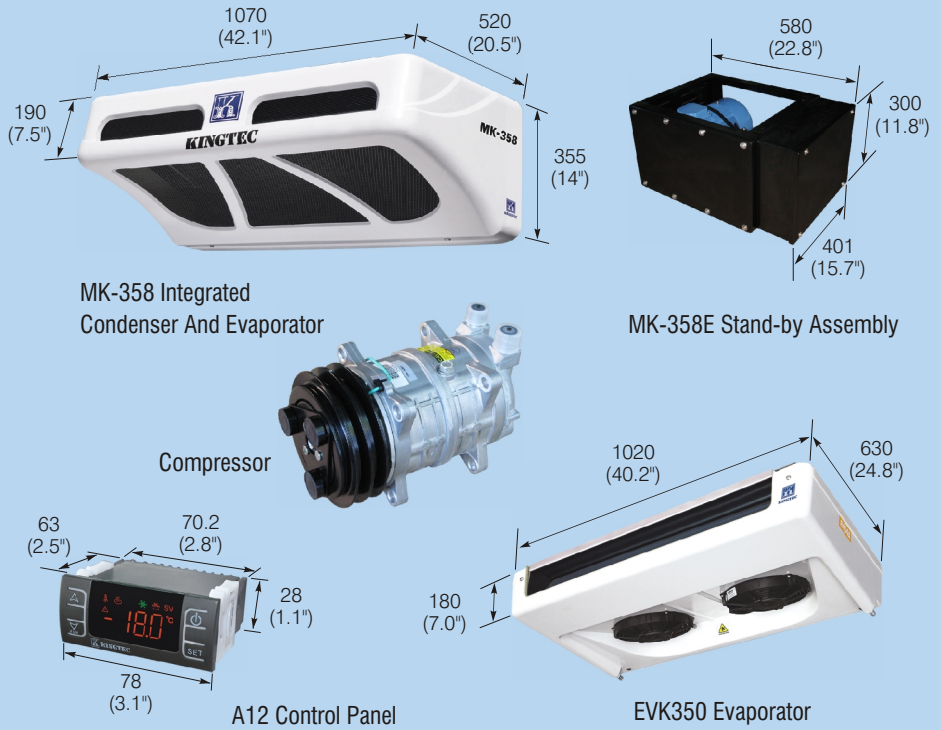
REFRIGERATION CAPACITY
Conditions @ 30°C (86°F) ambient
and 2400 compressor rpm
ATP Standard

MK-358 (R404A)			
Air return/on the road	Watts	BTU/hr	
0°C (32°F)	4420	15000	
-20°C (-4°F)	2380	8100	
Electric stand-by 50Hz			
0°C (32°F)	3400	11600	
-20°C (-4°F)	1750	6000	

Conditions @ 100°F (38°C) ambient
and 2400 compressor rpm
US-Standard

MK-358 (R404A)			
Air return/on the road	Watts	BTU/hr	
2°C (35°F)	4150	14100	
-18°C (0°F)	2200	7500	
Electric stand-by 50Hz			
2°C (35°F)	3160	10750	
-18°C (0°F)	1630	5540	

DIMENSIONS: mm (Inch)



WARRANTY SUMMARY

Specific terms of the Kingtec express warranty are available on request. Further, Kingtec excludes liability in contract and tort (including strict liability and negligence) for any special, indirect or consequential damages by reason of the installation or use of any covered product or its mechanical failure.

WEIGHTS (APPROXIMATE)

- MK-358 Condenser: 35kg
- EVK350 Evaporator: 18kg
- MK-358E electrical stand-by assembly: 65kg

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