

MK658



DESCRIPTION

Kingtec MK658 series units are designed for fresh and frozen applications on the 6~60m³ refrigerator trucks. The road compressor is powered by the vehicle engine.

SYSTEM COMPONENTS

- Condenser assembly
- Evaporator assembly
- Swash plate road compressor (With magnetic clutch)
- In cab control box and wiring harness
- Optional heating function: (Hot Gas Heating System or Engine Water Heating System)

REFRIGERENT (CHLORINE ZERO)

- MK-658 (R404A: HFC R404A 2.4kg)

ROAD COMPRESSOR (ENGINE DRIVEN)

- Swash plate road compressor
- Displacement: 215cc
- Max recommended speed: 3000rpm
- Includes oil return separator

AIRFLOW VOLUME

- EVK650 Evaporator: 2750m³ /h (1618 cu ft/min)

ELECTRICAL SPECIFICATION OPTIONS

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

WEIGHTS

- MK658 Condenser Assembly: 70Kg
- EVK650 Evaporator Assembly: 45Kg

Refrigeration capacity conditions @ 30°C(86°F) ambient and 2400 compressor rpm atp standard

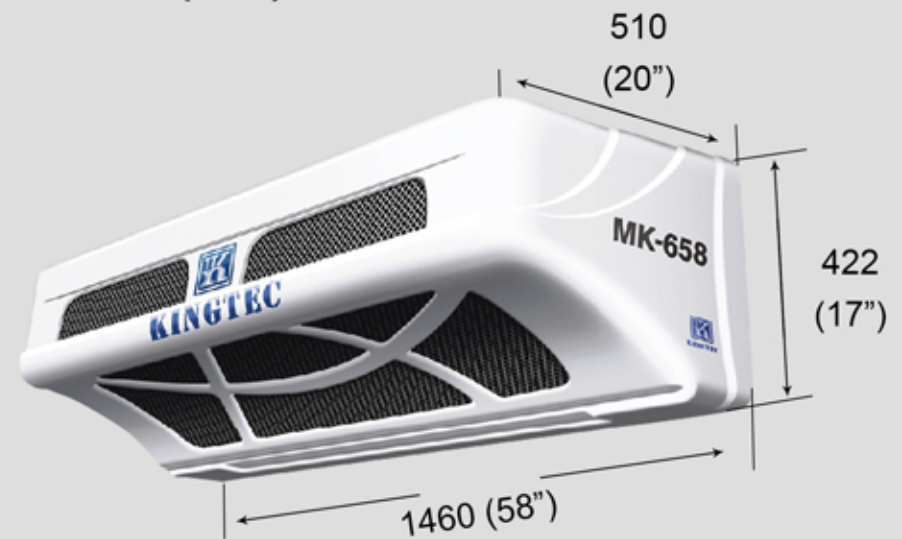


Conditions @ 100°F(38°C) ambient and 2400 compressor pm US-standard

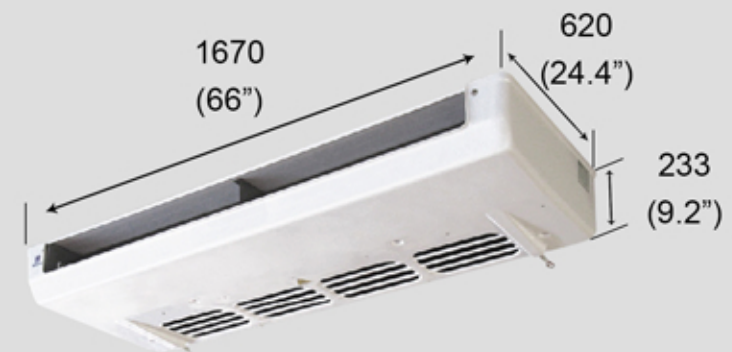


| MK658 (R404A) | | | MK658 (R404A) | | |
|-------------------------|-------|--------|-------------------------|-------|--------|
| Air return/ on the road | Watts | BTU/hr | Air return/ on the road | Watts | BTU/hr |
| 0°C (32°F) | 6500 | 22165 | 2°C (35°F) | 6200 | 21140 |
| -20°C (-4°F) | 3500 | 11935 | -18°C (0°F) | 3350 | 11425 |

DIMENSIONS: mm (Inch)



MK-658 Condenser



EVK650 Evaporator



LAE Control Panel



COMPRESSOR

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.



MK658E



DESCRIPTION

Kingtec MK658E series units are designed for fresh and frozen applications on the 6~19m³ mini refrigerator trucks. The road compressor is powered by the vehicles engine and while a second compressor is powered by an electric motor. The stand-by units are installed on the skirt of the truck.

SYSTEM COMPONENTS

- Condenser assembly
- Evaporator assembly
- Swash plate road compressor (With magnetic clutch)
- In cab control box and wiring harness
- Optional heating function: (Hot Gas Heating System or Engine Water Heating System)

REFRIGERENT (CHLORINE ZERO)

- MK-658 (R404A: HFC R404A 2.4kg)

ROAD COMPRESSOR (ENGINE DRIVEN)

- Swash plate road compressor
- Displacement: 215cc
- Max recommended speed: 3000rpm
- Includes oil return separator

AIRFLOW VOLUME

- EVK650 Evaporator: 2750m³ /h (1618 cu ft/min)

ELECTRICAL SPECIFICATION OPTIONS

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

WEIGHTS

- MK658 Condenser Assembly: 70Kg
- MK658 Electrical stand-by Assembly : 80Kg
- EVK650 Evaporator Assembly: 45Kg

Refrigeration capacity conditions @ 30°C(86°F) ambient and 2400 compressor rpm atp standard

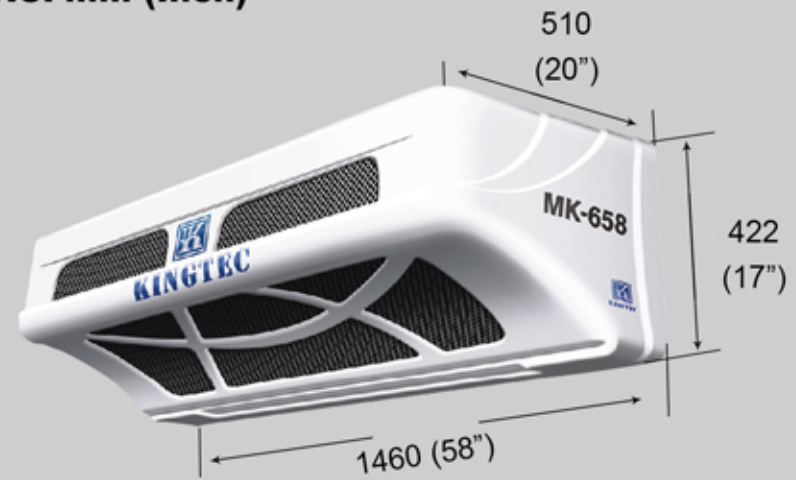


Conditions @ 100°F(38°C) ambient and 2400 compressor pm US-standard

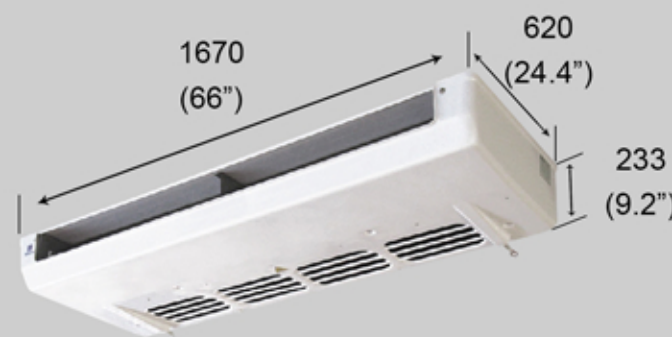


| MK658 (R404A) | | | MK658 (R404A) | | |
|-------------------------|-------|--------|-------------------------|-------|--------|
| Air return/ on the road | Watts | BTU/hr | Air return/ on the road | Watts | BTU/hr |
| 0°C (32°F) | 6500 | 22165 | 2°C (35°F) | 6200 | 21140 |
| -20°C (-4°F) | 3500 | 11935 | -18°C (0°F) | 3350 | 11425 |
| Electric stand-by 50Hz | Watts | BTU/hr | Electric stand-by 50Hz | Watts | BTU/hr |
| 0°C (32°F) | 5200 | 17730 | 2°C (35°F) | 4870 | 16620 |
| -20°C (-4°F) | 3060 | 10460 | -18°C (0°F) | 2790 | 9520 |

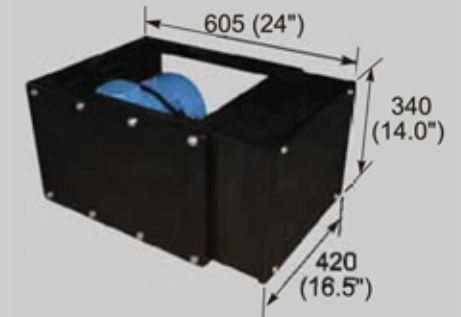
DIMENSIONS: mm (Inch)



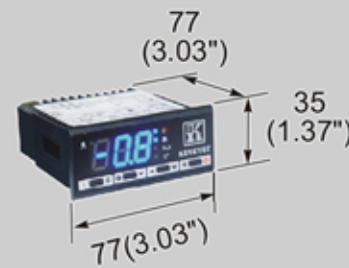
MK-658 Condenser



EVK650 Evaporator



MK-658 Stand-by assembly



LAE Control Panel



COMPRESSOR

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