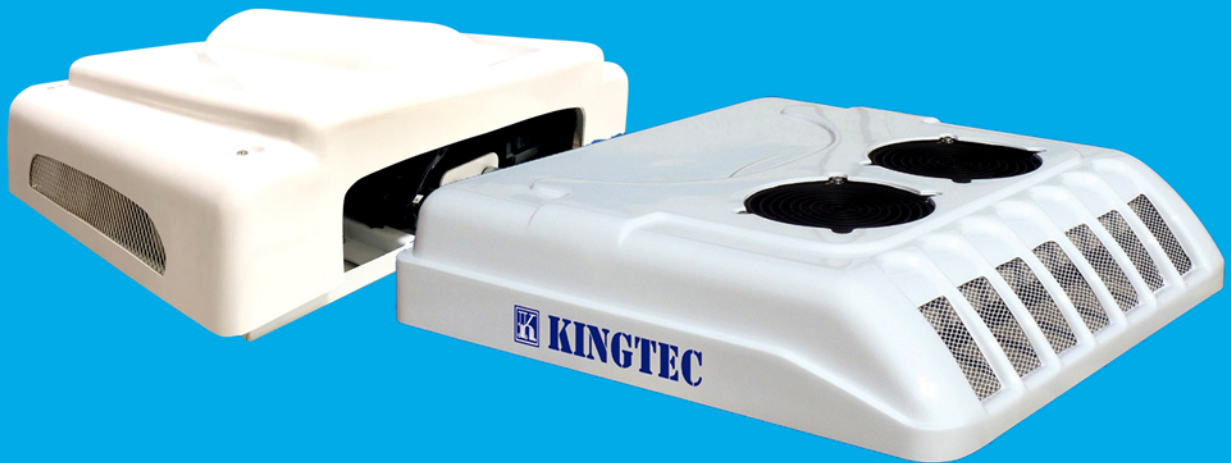




**KST01E**

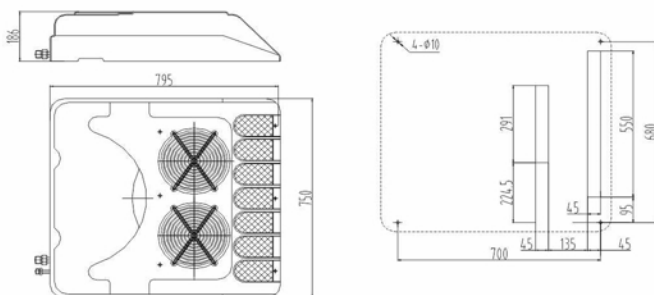


**PASSENGER VAN AIR-CONDITIONER**  
**Mine Bus, Ambulance**



# KST-PASSENGER VAN AIR-CONDITIONER

|                    |                      |                   |                                                               |
|--------------------|----------------------|-------------------|---------------------------------------------------------------|
| MODEL              |                      |                   | KST01                                                         |
| COOLING CAPACITY   |                      | W                 | 5800                                                          |
| REFRIGERANT        |                      |                   | R134a                                                         |
| REFRIGERANT CHARGE |                      | Kg                | 1.7                                                           |
| COMPRESSOR         | MODEL                |                   | TM16/QP16                                                     |
|                    | DISPLACEMENT         | cm <sup>3</sup>   | 163                                                           |
|                    | LUBRICANT            |                   | PAG56                                                         |
|                    | POWER                | W                 | 48                                                            |
|                    | VOLTAGE              | V                 | DC12/DC24                                                     |
| EVAPORATOR         | WEIGHT               | Kg                | 6.7                                                           |
|                    | TYPE                 |                   | TUBE AND FIN (INTERNAL THREAD TUBE HYDROPHILIC ALUMINUM FOIL) |
|                    | AIR FLOW RATE        | m <sup>3</sup> /h | 670                                                           |
|                    | FAN                  |                   | SIATE ZFS212                                                  |
| CONDENSER          | CURRENT              | A                 | 9A(24V)/18A(12V)                                              |
|                    | TYPE                 |                   | TUBE AND FIN                                                  |
|                    | AIR FLOW RATE        | m <sup>3</sup> /h | 1700                                                          |
|                    | FAN                  |                   | AXIAL 9 INCHES HEAVY DUTY                                     |
| DIMENSIONS         | CURRENT              | A                 | 9A(24V)/18A(12V)                                              |
|                    | WEIGHT               | kg                | 45                                                            |
|                    | TOTAL CURRENT        | A                 | 20A(24V.DC)/40A(12V.DC)                                       |
|                    | LENGTH               | mm                | 795                                                           |
| CONTROL SYSTEM     | WIDTH                | mm                | 750                                                           |
|                    | HEIGHT               | mm                | 186                                                           |
|                    | INTERIOR TEMPERATURE | °C                | ADJUSTABLE FROM 18°C-28°C                                     |
|                    | DEFROST TEMPERATURE  | °C                | 1~3                                                           |
| SAFETY DEVICE      | AIR FLOW SPEEDS      |                   | 3 SPEEDS AIR FLOW                                             |
|                    | HIGH PRESSURE SWITCH | MPa               | ACTION PRESSURE 2.65MPa RESET PRESSURE 2.0MPa                 |
|                    | LOW PRESSURE SWITCH  | MPa               | ACTION PRESSURE 0.02MPa RESET PRESSURE 0.2MPa                 |
|                    |                      |                   |                                                               |



KST01 DIMENSION

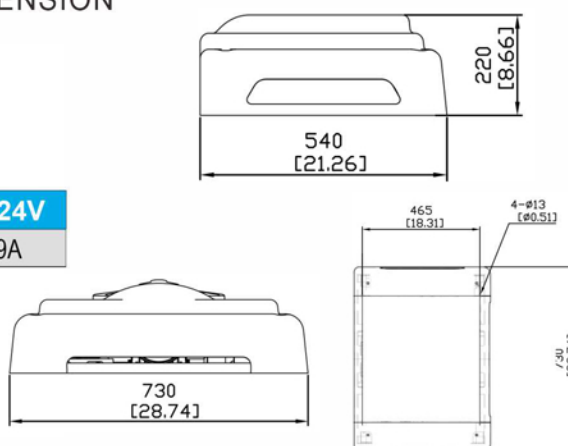
## ELECTRICAL SPECIFICATION OPTIONS

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

|        | DC12V | DC24V |
|--------|-------|-------|
| KST01E | 18A   | 09A   |

Total A/C power module current consumption

|                  | KST01E |
|------------------|--------|
| 220V/1Phase/50Hz | 11.5A  |
| 230V/1Phase/60Hz | 11.5A  |
| 115V/1Phase/60Hz | 23A    |



KST01E AC POWER MODULE DIMENSION



## WARRANTY

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.

KST-PASSENGER VAN AIR-CONDITIONER

KST  
SERIES