

**Environmentally Friendly**

**EKL2000**

ALL-ELECTRIC DRIVEN REFRIGERATION UNIT

**Environmentally Friendly**

Low noise, zero emission, energy-efficient and environmentally friendly.

**KINGTEC GROUP CO., LTD.**

Mail Address: P.O Box 3255, Rancho Cucamonga, CA 91729

Company Address: 9453 E 9th St, Suite B Rancho Cucamonga, CA 91730

Office: +1 909 930 1734 Fax: +1 650 472 8091

[Http://www.kingtecusa.com](http://www.kingtecusa.com)

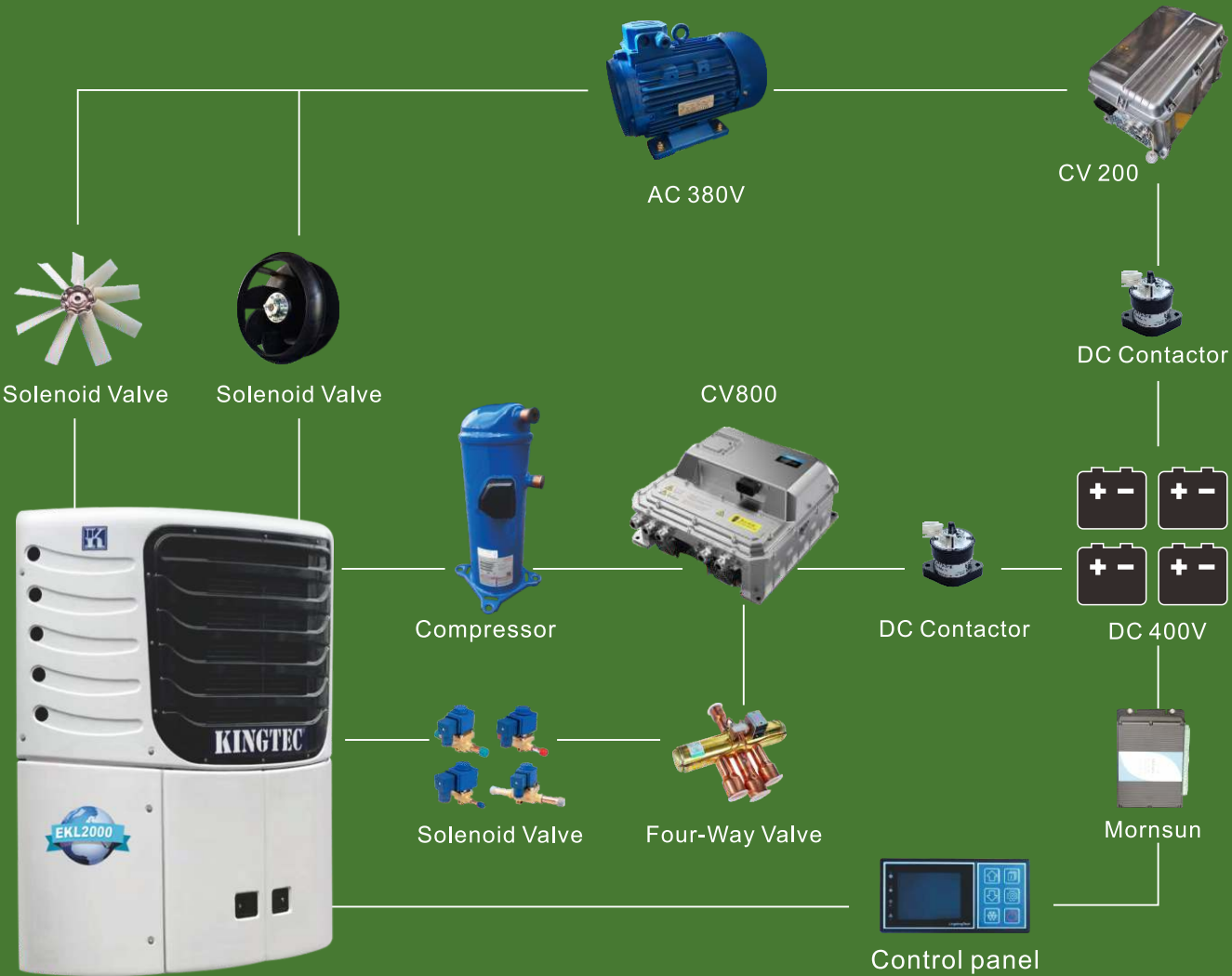
Authorized Dealer:



# EKL2000 TECHNICAL PARAMETER

Standard refrigerating capacity BTU/hr (1000FAmbient temp):

Air Inlet	350F	0°F	Type:Pure Electric front mounted
R404A	60620	32650	Standard conditions:100°F
Refrigerant Charge	R404A 7.5kg		Application box:16 M Box type semi-trailer
Blower air vol	5600m³/h		
Total power consumption	12.45KW		
Dimensions	2060(L)*600(W)*2140(H)		



**Kingtec as the first-line brands is the first to launch the range extend electric refrigeration unit.** This rand extender small displacement engine has better fuel saving than the diesel unit engine. According to the comprehensive test comparison, the operating cost is reduced by 38%.Using a small capacity battery pack, its weight and cost is far less than the all electric unit. Also can achieve longer using time. In the energy supplement is more convenience.

# DIMENSIONS: mm (Inch)



# ADVANTAGES AND VALUES

- Efficient and Energy-saving**  
Full-sealed variable-frequency scroll compressor, high-efficiency two-in-oneconverter, lower power consumption and higher energy efficiency;  
Based on the calculation and laboratory test, the optimized refrigeration system has abetter size and more reasonable system matching;  
Streamlined design reduces wind resistance; CFD simulation calculates the aerodynamic force and optimizes the product shape design, low noise, high efficiency and long life;  
FEA analysis makes the layout more compact and reasonable under the premise of ensuring the structural strength, lightweight design and optimization of energy consumption;
- Intelligent Control**  
Multi-functional alarm output, convenient and quick human-machine interface, making operation and maintenance easier;  
Unique algorithm, control logic and fuzzy control to avoid Compressor start-stop frequently;  
The panel is integrated with CAN communication function, with strong expansibility, and can be used for remote fault diagnosis and treatment  
GPS , mobile phone/PC terminal real-time monitoring and control, convenient for management and operation
- Professional Service**  
Integrated control box design makes maintenance more convenient;  
Standardized building block structure design makes the product easy to repair and maintain;  
it can provide remote real-time record and local download of operation data;
- Safety and Reliability**  
Core parts with high IP protection level;  
Through rigorous type tests such as insulation withstand voltage, vibration and rain, it can still operate stably under severe conditions;  
The on-board chip is more durable, multiple protection and alarm, making the system more stable and reliable;  
The compressor adopts soft start, and the starting current is low, so as to prevent the impact current from damaging the vehicle battery;