



## Markets Served & Models

### **Appliances** (white goods, commercial food and dispensing equipment, fryers, ovens)

- Commercial food equipment, usually an AC fan or AC blower
- Chillers/coolers, use AC blowers or Motorized Impellers (normally do not need special functions of DC fans)
- White Goods – directional AC blower is used more for commercial washers

### **Alternative Energy** (electric car chargers)

- DC fans to keep electronics cool in solar systems and wind turbines

### **Automotive**

- DC fans for moving air in truck cabins

### **Building Automation**

- Cooling environmental controls for buildings, data centers or enclosures - fan trays, larger AC fans or blowers

### **Computer/Networking/Telecom/Communications/Servers**

- Cooling switches or enclosures utilize Fan Trays with 48V or 60V DC fans  
For outside applications (base station), or tight enclosures, high static pressure fans are used
- Computer/Networking use Fan Trays or DC voltage-based fans for battery backup operation

### **Dispensing Equipment** (vending equipment)

- Cooling electronics, solid state lighting or touchscreen use an AC fan or AC blower

### **Transportation/Material Handling Equipment** (bus, shuttle, forklift)

- Use DC fans that are being battery powered and may require a level of noise reduction

### **Electronic Enclosures & Panels for industrial equipment**

- Use larger DC or AC fans to cool machine tool equipment. DC fans are used if customer wants to monitor the fan performance

### **HVAC** (not for large rooftop units)

- Motorized Impellers used on small to medium commercial/residential conditioners

### **Process Control/Industrial Controls/Instrumentation & Automation** (CNC machines)

- Louvered Filter Fan Kits are used to reduce contaminants and prolong operating life

### **Variable Speed Motor Drives & Cabinets**

- DC fans used to cool electronics (also high static pressure fans used to move volumes of air)

### **Kiosks / Digital Signage**

- Mainly AC fans or blowers to cool computer, touchscreen, LCD. Depends on whether directional cooling or just moving air over the ballast or electronics is required

### **Medical Imaging** (MRI machines)

- Mainly larger AC Fans unless DC fans are used to monitor the cooling performance