



HEDY

Guangzhou HEDY
Intelligent Equipment Co.,Ltd

Smart fan Controller For Commercial Kitchen

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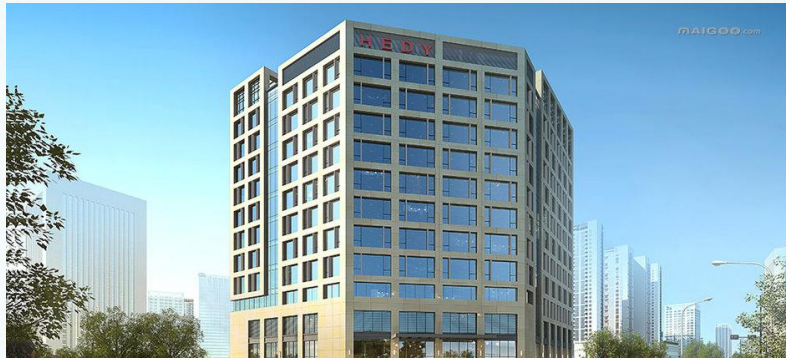
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Product Development

Applications



HEDY Group

HEDY is a large-scale integrated group company with assets of more than 10 billion, with IT digital, intelligent technology, medical health and other business, has been recruited the world's top scientists, including the Thousand Talents Program and the American Academy of Sciences, and a large number of overseas doctors to maintain innovative enterprises.

Introduction

HEDY IEC

Guangzhou HEDY Intelligent Equipment Co.,Ltd (HEDY IEC) is the subsidiary of HEDY Group has been dedicated in developing manufacturing and marketing of energy-saving, automation control product since 2010. It's products are general purpose of VFDs, smart controller of kitchen fan, solar pump drive, constant-pressure pump controller and other inverters used in various industries.



2014

HEDY- the only manufacturer specialized in special fan drive for commercial kitchen, and launched in the year.

1.0



2.0



2016

Energy-saving fan controller for commercial kitchen, known as the classic version, popular among various customers at home and abroad.

developing

2017

Smart fan controller TRULY, keep up with the trend with function of IOT and remote control and management

3.0



Special Fan Drive



- stable,stable and stable drive

Energy-saving Fan Controller



- energy-saving special controller

Truly Smart Controller



- smart inteligent controller

Smart Control System for exhaustion and purification



- integrated system

Why variable frequency drive is necessary?

Soft-start--

reduces erosion of fan bearing, enlong service life of fan motor

1

Silence working

The pressure of CVT duct start slowly, and the noise caused by resonance can also be adjusted.

3

Easy design for installation

No need to accurately calculate the design, perfect solution to the problems caused by air duct changes during construction

5

Power saving--fan frequency varies as per practical demanding of air flow

2

Air flow/pressue adjustable, adjust air flow and air pressure properly as per actual demanding

4

Multiple protection

phase loss, short circuit, overload, insulation damage, etc., to avoid maintenance costs caused by fan damage

6



Special drive for kitchens

before

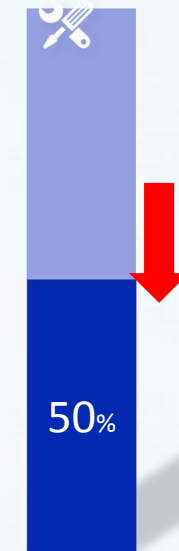
Traditional fan without drive may have the following issues:

- Fan belt, bearing wear
- Unstable, easy to trip
- High power consumption
- Customers often complain

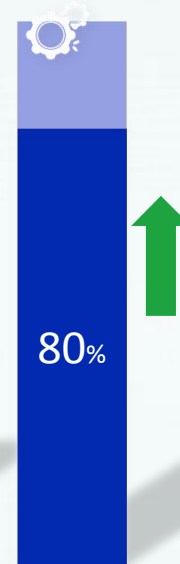
after

Modified fan with drive

- Belt and bearing failure reduced by 50%
- System stability increased by 80%
- Save electricity by 30%
- 80% increase in customer satisfaction



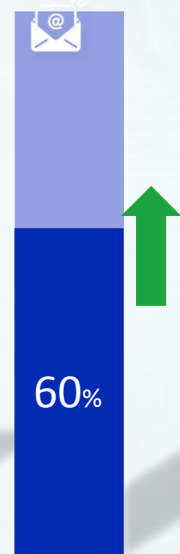
belt/bearing failure



stability



energy saving



Satisfaction

Features: special fan drive



what are the features ???



**special for fan,
no need of debugging**



**3 modes
one button switch**



noiseless



long service life



Energy-saving Fan Controller

The kitchen energy-saving controller is developed on the basis of the kitchen-specific inverter. According to the use of a large number of commercial kitchens, it is in-depth discussion with many kitchen designers, construction workers and users, and is a classic product designed for the commercial kitchen industry.

It integrates the kitchen fan and purifier power supply chain control, and also has remote control, mobile APP control, multi-hook energy-saving control and other functions, supporting 4 ~ 30kW fan.

Feature:Energy-saving Fan Controller



Feature:Energy-saving Fan Controller

remote controller



Max Distance : 0~50m



energy-saving fan controller

- Start/stop
- Energy saving /Force / Silence three mode switching
- Adjust the amount of wind pressure

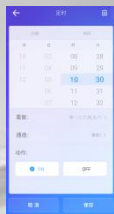
The energy-saving controller responds promptly after receiving the remote control signal, and the various data are updated and adjusted in time, and the data can be seen to change in time on the energy-saving device display.

- The remote control/local simultaneous response remote control control and the economizer body button are effective at the same time, and can be operated and controlled.

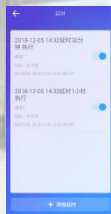


APP Remote Control

Through the mobile APP, you can control the start and stop of multiple economizers, mode switching, adjust the air volume, and monitor the operation status of each economizer.



Start and stop timer



Monitor and control interface



Truly Smart Controller

Truly smart controller is developed from energy-saving and special fan drive, it gains all the features of last generation products-stable, energy-saving, noiseless, smart, with more graceful appearance and smarter functions.

Support 4~22kW Fan

Main Features

The operation interface consists of intelligent touch buttons, status display lights, LCD large screen display fan operating power, current, energy consumption, energy saving ratio, etc., users can view their operating status and energy saving benefits in real time.





Truly Smart Controller

display the working state of purifier

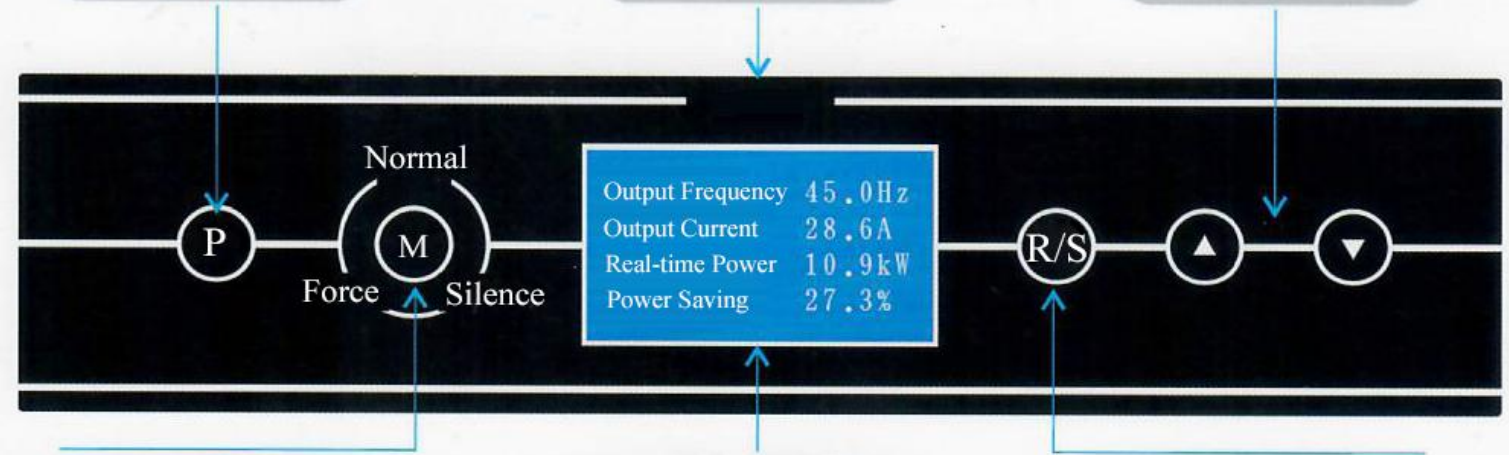
your truly smart guard for kitchen

adjust fan speed as your wish

Indicator of purifier

Brand: Truly

Speed Up/Down

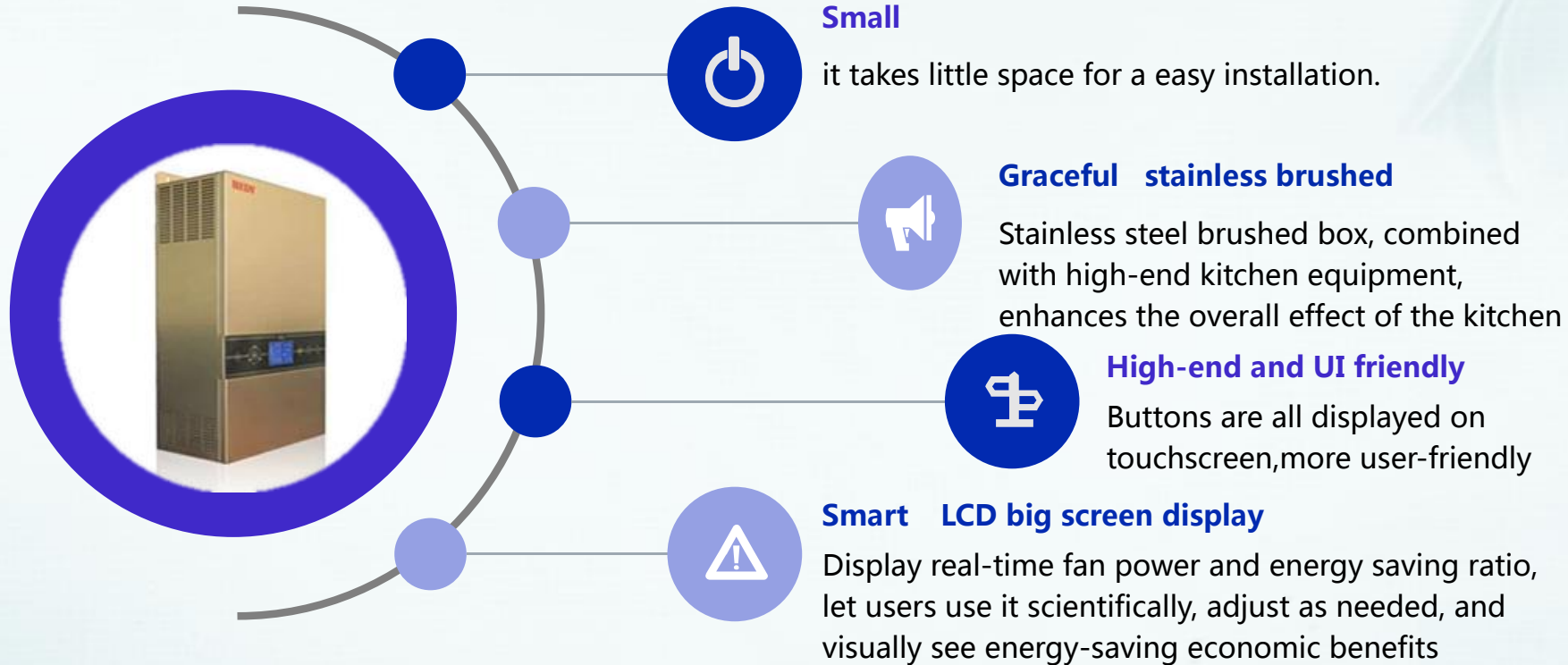


Normal, Silence, Force
Three working modes free switch.

Real-time parameter display,
output frequency, current, power...

Run/Stop button on touch screen.

Feature: Truly Smart Controller



Feature: Support IOT ——remote monitor and control on PC

Parameter Display



Output Frequency : 0 Hz



Output Current : 0 A



DC voltage : 0 V

Control Panel

Control panel



RUN



Force



STOP



Silence

Parameter name :

Parameter value :

Read

Set

[Remote connection>>](#)

[Real time](#) [Remote monitoring](#) [Fault statistics](#) [Report management](#)

GPRS ID : 0000000001009 Data update time : 1970-01-01 08:00:00



Output Frequency : 0 Hz



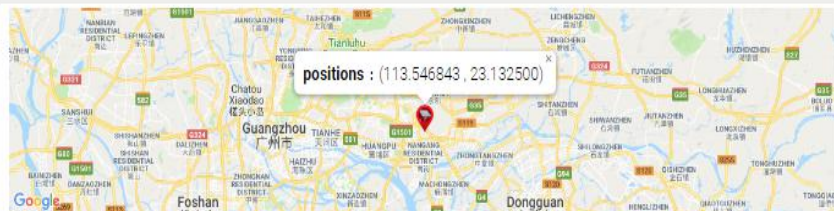
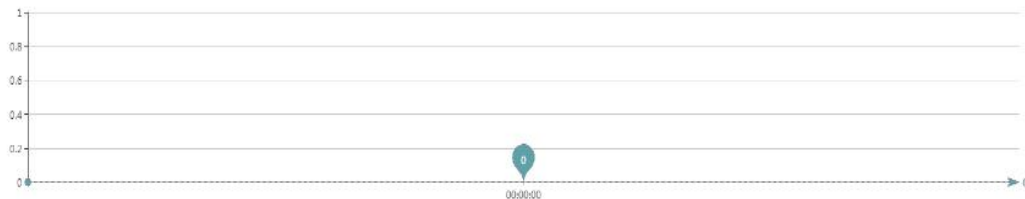
Output Current : 0 A



DC voltage : 0 V

Current limit factor	0%	Purifier state	0	Drive healthy status	0	Energy percentage	0%
Heatsink Temperature	0°C	Triplogic current trip	0	MCU version	0	Communication control word	0

☒ Output Frequency ☐ Output Current ☐ DC voltage



positions : (113.546843, 23.132500)

Control panel

Parameter name : Parameter value : [Remote connection >>](#)

Base info

GPRS ID : 0000000001009

Device type : Truly

Operation record

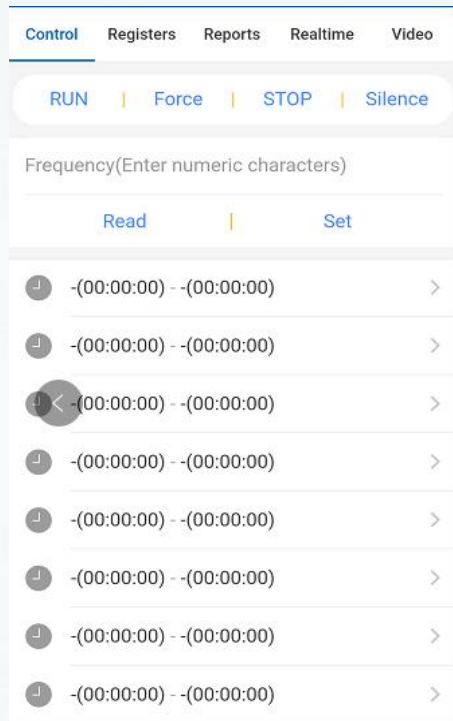
Time	Operation
2019-07-10 09:46:43	qxadmin send "运行" command.
2019-07-10 09:46:37	qxadmin send "运行" command.

Feature:Support IOT

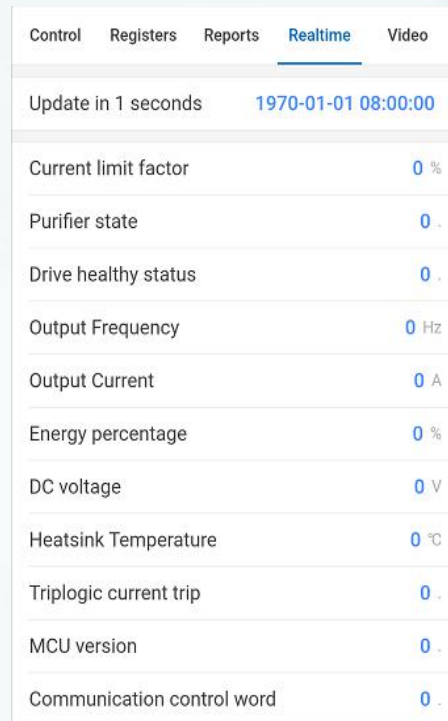
—remote monitor and control on APP



Map-locate your devices position



Control panel & Timer



Realtime parameters display

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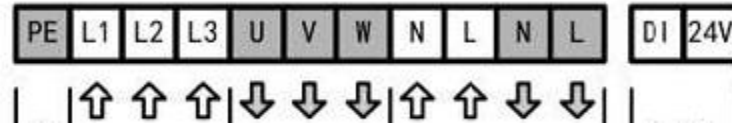
Specification of Truly Smart Controller

Model	Rated Motor Power	Input Current	Output Current
Truly-I-0400	4	13.2	9.5
Truly-I-0550	5.5	12.4	13
Truly-I-0750	7.5	16.1	17
Truly-I-1100	11	24	25
Truly-I-1500	15	31	32
Truly-I-1850	18.5	36	38
Truly-I-2200	22	44	46

Size S : 480(H)*300(W)*180(D) L : 560(H)*350(W)*210(D) , Unit: mm

* Personalized function customization is available.

Features: Easy to install/wire/operate



1

mounted on wall

2

easy to wire

3

power on

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Applications----Part of Partners



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新芙蓉厨具
XIN FU RONG KITCHENWARE
怡厨
TI CHU




福 达 福达厨具


TANSU


LANGON 蓝功




BXS
百晓生


JUST FINE
锦华厨具


南丰厨具
NANFENG KIGHEN




百年厨具
CENTURY CATERING EQUIPMENT




Railor



Applications---photos on field



Hospital



CBD



Tourist Site



Government Office



5-star Hotel



University



Commercial Plaza



Guest House

Applications---photos on field

