

SALES DEPT#: Accelerated Environmental Series
Quote#: HQ201706012
REVISION#: 1

DATE
 02-June-2017
OFFERVALIDITY
 30 Days

To:

Sawyer Mak
 ABC Ltd

Haida is pleased to submit the following proposal for your consideration:

Model	Description	QTY	Unit Price (USD)
HD-E705-7	Walk-in Chamber (Internal size: 1500W*1500D*3000Hmm)	1 set	
FOB Shenzhen cost			
Total Price			

Start-Up

Start-up and training..... \$

- Start-up of the system by a qualified service technician
- Training session on the operation and maintenance of the system

Trade term:

EXW Dongguan, China

Lead time:

Shipment for the above equipments is 20 days upon receipt of down payment.

Payment term:

T/T 50 % in advance, balance payment before delivery of goods

Validity:

This quote is firm for 30 days

Warranty:

One-year warranty on all parts, labor is not covered. Warranty coverage include shipment.

Specifications

Specification	HD-E705-8
Temperature Range	-50c To +100c
Humidity Range	40% To 98% Rh
Dimension (Internal) (w x d x h)	1500 x 1500 x 3000 Mm
Dimension (External) (w x d x h)	2850 x 1700 x 3200 Mm
Ramp	Variable, Temp. 0~5c /Min& Humidity 0~5%/Min In Average, No Load
Accuracy	Temp. ±1c, Humidity ±2.5%Rh
Interior Walls	Stainless Steel 304
Exterior Walls	Cold Rolled Stell Plate With Baking Finish
Temperature & Humidity Measurement And Controller	32 Bit Control And Monitoring System. Interface Facility With Rs232 Programmable Temp. Humid. Controller
Viewing Window	Multi Pane Glass Window Size
Port Holes	50 Mm Diameter For Wire Routing
Power Supply Requirement	Three Phase, Ac380 v ± 10 %, 50 Hz
Sound Pressure Level	<72db (a)
Condenser Cooling	Water Cooled

general technical specification

15 thermal cyclic chamber

15.1 chamber with internal air circulation, and all the heaters and cooling coil located behind/below the false sheet of the chamber and outside the working space

16 interior

16.1 the conditioning with air circulation to maintain uniform temperatur

16.2 interior have provision for arranging stainless steel

17 insulation

17.1 insulation is asbestos-free csc-free, with low thermal conductivity, polyrthene pu foam

18 cooling system

18.1 cascade type, refrigeration system with hermetically sealed refrigeration cycles with environment and ozone friendly and chloride free refrigeration

19 door

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- 19.1 lockable front opening, with double door latch easy to open
19.2 with silicon gasket for perfect sealing
- 20 viewing window**
20.1 viewing interlock is sealed to avoid leakage and provided with heating provision to prevent condensation
- 21 illumination**
21.1 inernallight on viewing windows with external control
- 22 temperature measuring and control system**
22.1 the temperature measuring and control system adopts microprocessor system and provided with touch panel for monitoring and digital display:
supplied with support software
software is capable to visualize and graphical analyse the measured & recorded value.
a. graphical representation and digital display and control of set and actual values
b. digital input and display of temperature in degree centigrade
c. fault diagnosis system
d. 120 stroage of programmes
22.2 have adjustable safety cut-out against high and low temperature
22.3 facility to programme temperature measuring using sensor pt100
- 23 recorder & pc connectivity**
23.1 standard rs -232 interface for pc connectivity
23.2 rs-232 cable for pc connectivity along with pc connectivity software
- 24 port holes**
24.1 each porthole provided with silicon sealing bunker(plug)
- 25 electrical panel**
25.1 all power connectors, protection devices power control logic built in the control panel integrated to the chamber
25.2 all electrical cables tagged with id number
25.3 all electrical function circuit equipped with its own safety device that shuts down the relevant circuit or the entire test chamber if a faulty develops
25.4 all electrical systems comply with recognized technical regulation as well as with the accident prevention regulations.
- 26 standard protection**
26.1 protective feature to be provided as follows:
a. over load trip & earth leakage trip for complete chamber
b. over load trip for compressors, heaters and motors
c. over temperature cut-off for compressors
d. heater be cut off, if air circulation blowers are off

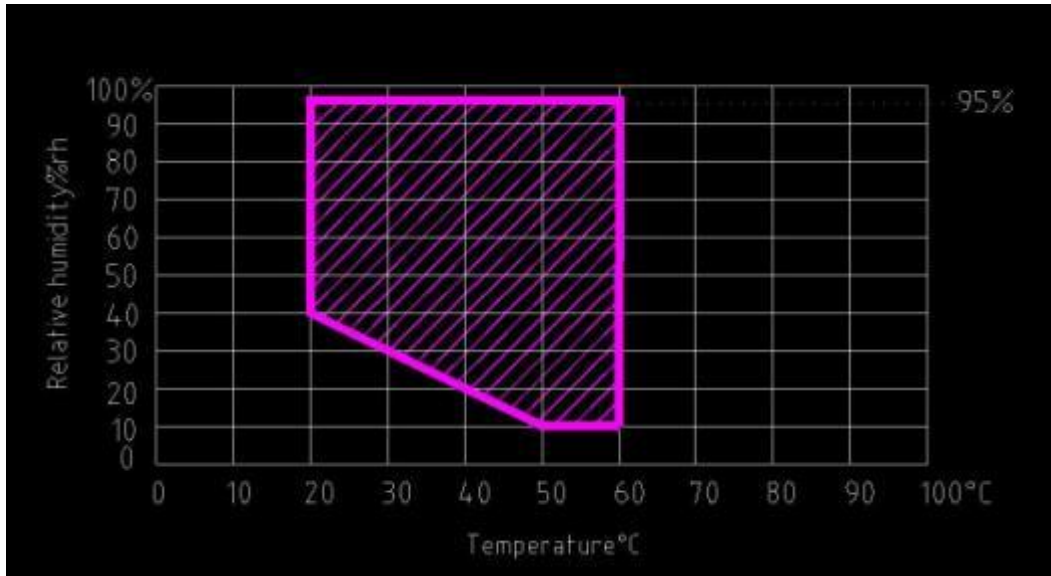
27 operating system

- 27.1 detailed operating & maintenance manual
 - a. operational instruction
 - b. complete list parts
 - c. preventive maintenance procedure
 - d. trouble shooting measures
 - e. electrical circuit diagrams

28 testing sample

- 28.1 solar panels, size 2m* 1m*1m, size 2m* 1m*1m

HUMIDITY RANGE:



DETAIL CHAMBER IMAGE:

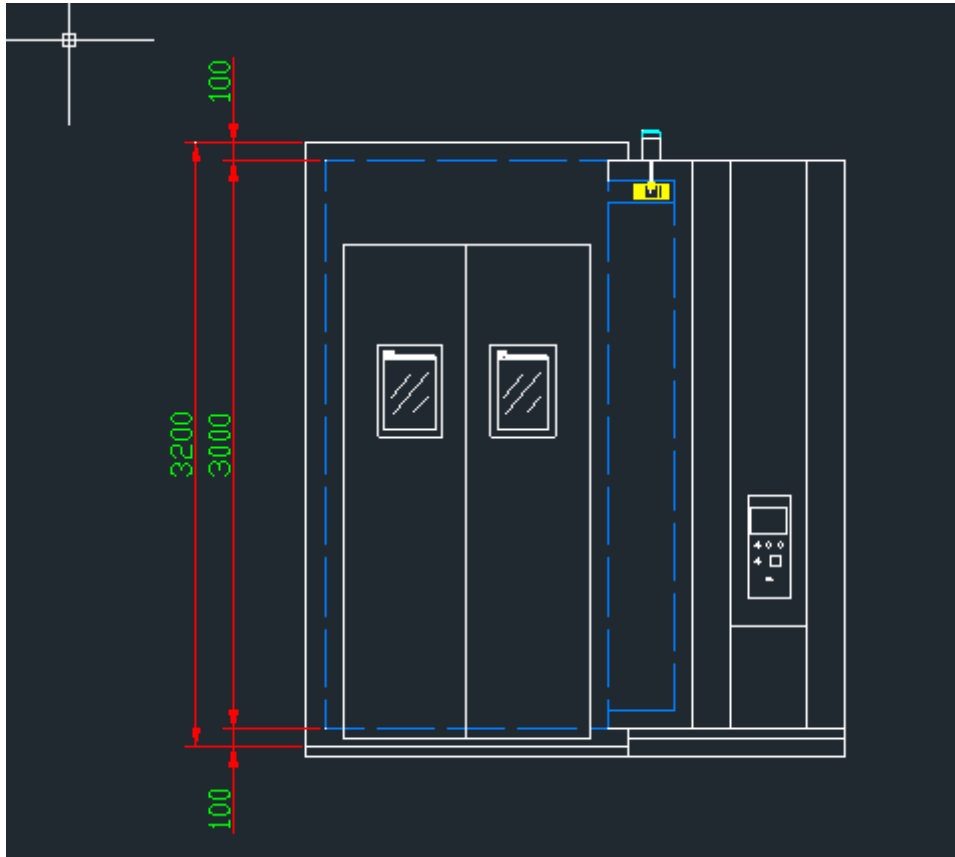


CONTROL PANELCIRCUIT BOARD

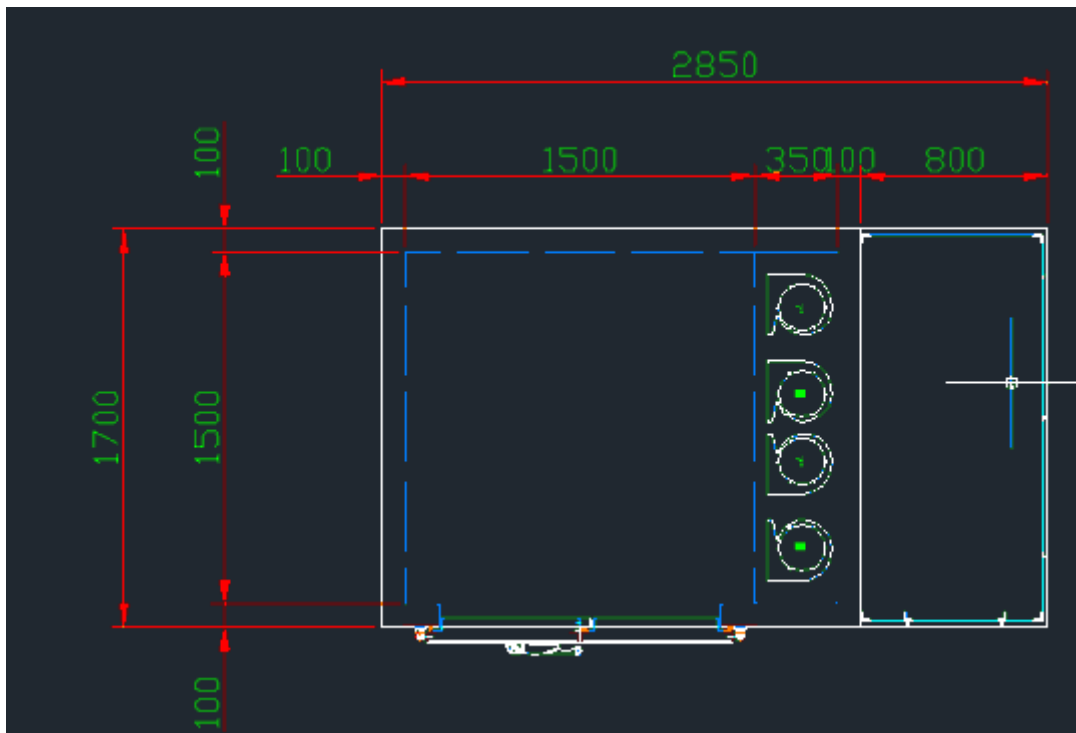
COOLING SYSTEM



CHAMBER DRAWING



Front view



Top view