



AL BONYAN
FOR ENGINEERING WORKS

VAPOR HEAT TREATMENT SYSTEM



What is vapor heat treatment system ?

VHT system is the ideal solution for treating fruits against insects and their eggs, which cause a real problem for fruit export stations around the world.

The system works using moist water vapor, which eliminates insects and their eggs without causing any harm to fresh fruit.



What is the standard adopted in our system ?

IPPC-ISPM 28- PT31



What fruits does the system process ?

Mango

Banana

Papaya

Guava

Dates



What are the advantages of our system ?

Our system can control the temperature of the sterilization room (up to 65 degrees Celsius) to suit the appropriate degree of eliminating different types of insect eggs (fruit flies, mealybugs, etc.).



Our system requires little electrical energy, as it operates on a single-phase system and only about 10 amps during the sterilization stage and about 7 amps during the cooling stage.



Technical Specifications

Model	A.H-SSV10
Treatment capacity	8-10 TON
Main components	Sterilization room /dimensions 12X2.5X2.5 m
	Steam generator / S.S 700 liters
	Water tank/ S.S 750 liters
	Gas tank/ S 250 liters
	Operation and control panel
Temperature range	Room temperature - +65C°
Humidity range	55-99 % RH
Power source	1PH,220V,50-60Hz
Electrical feeder C.B	MCB,1P,25A
Dimensions	L:14 m ,W: 2.5 m ,H: 2.5 m

Installation record of VHT systems





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