

Heaters **VT1 - MB1**

HEATING SYSTEM INDEPENDANT OR TOGETHER WITH ANTIFREEZE TOWERSS

High Environmental Value (HVE)

An innovative and ideal solution
For protecting crops against the risk of late frost

PRINCIPLE > Producing a triple combustion, while limiting pollutant gases. An ecological process, with no risks for crops and the environment. The exhaust pipe has a specific patented configuration, designed to increase thermic exchange, as well as combustion, for an improved heat production.



VT1 - VITI / ARBO

FUEL / OTHER FUELS > PELLETS - Vine shoots, wood chips

AUTONOMY > Approx. 8 hours

OPERATIONAL COST > Low, approx. 4 cents per KW/h

ENVIRONMENT > No fume discharge

POWER > 15 kW > 200 heaters / hectare

IN ADDITION TO AN ANTIFREEZE WIND MACHINE >
32 heaters, according to the established heating plan

Greenhouse use possible



MB1 - VITI / ARBO

FUEL / OTHER FUELS > PELLETS - Vine shoots, wood chips

AUTONOMY > 5 hours

ENVIRONMENT > No fume discharge

POWER > 12 kW > 250 heaters / hectare

IN ADDITION TO AN ANTIFREEZE WIND MACHINE >
50 heaters, according to the established heating plan

- 1 IN ORDER TO BENEFIT FROM THERMAL INVERSION, the tower must be put into operation when the temperature is still positive between +0,5° and +1,5° (wet temperature).
- 2 The use of heater when the temperature reaches the critical point, allows an increase to +2°C of the temperature of the protected area.
- 3 **With black frost**, without thermal inversion, the use of the tower with an external heat source is essential.