



VentiGel™

MADE IN FRANCE

# The solution against frost!



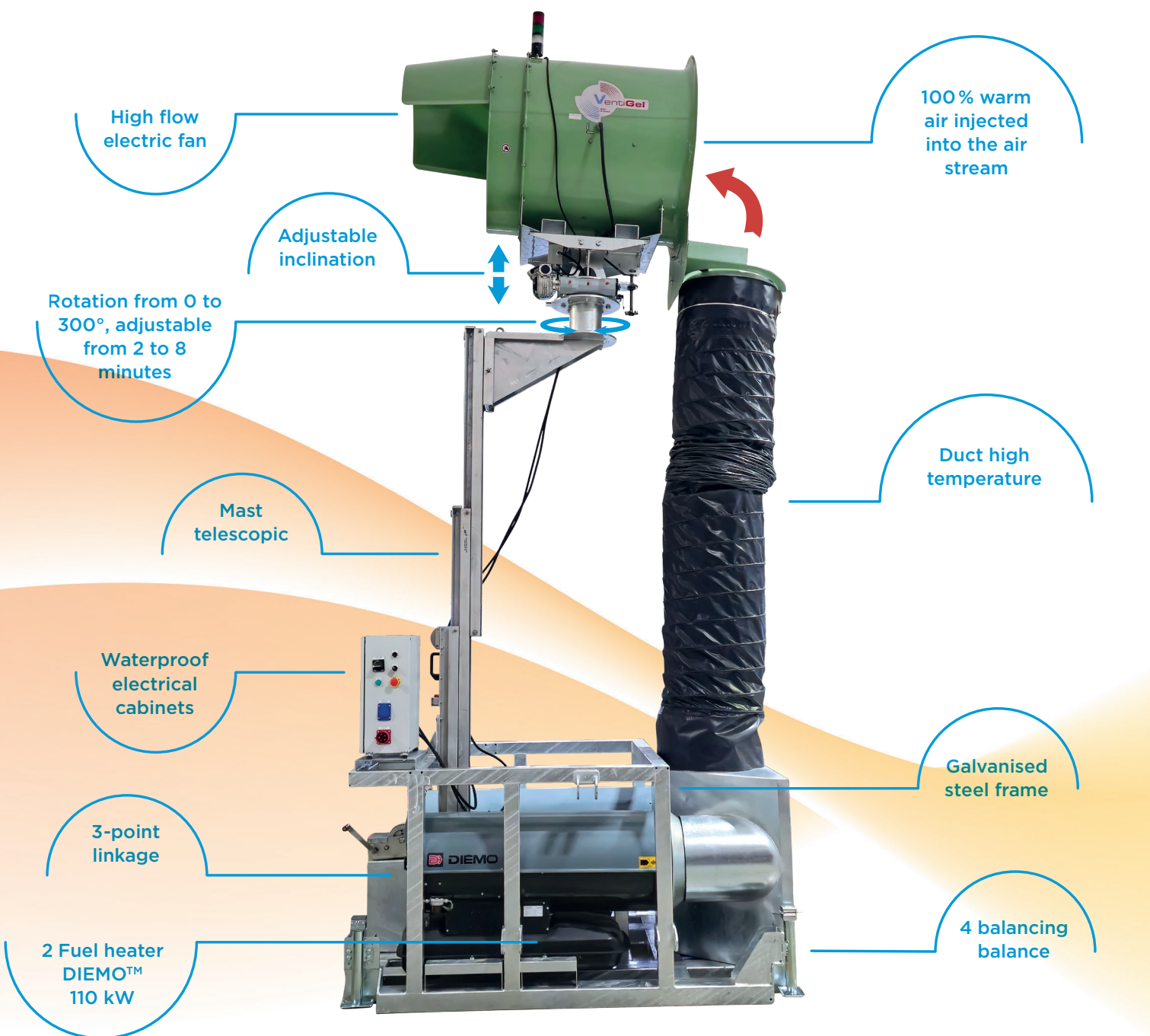
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## VENTIGEL™ V4

### VITICULTURE AND ARBORICULTURE



High flow electric fan

100 % warm air injected into the air stream

Adjustable inclination

Rotation from 0 to 300°, adjustable from 2 to 8 minutes

Duct high temperature

Mast telescopic

Waterproof electrical cabinets

Galvanised steel frame

3-point linkage

4 balancing balance

2 Fuel heater DIEMO™ 110 kW



## Objectives

**BASED ON THE PRINCIPLE THAT A DRY PLANT RESISTS FREEZING TEMPERATURES LONGER THAN A WET PLANT, VENTIGEL™ ALLOWS:**

- **Dry out the vegetation** with a powerful jet of air pulsed by an 11 kW fan with a flow rate of 60,000 m<sup>3</sup>/h.
- **Provide calories** when temperatures continue to drop during the night thanks to its 2 on-board DIEMO™ 110 kW heaters, whose airflow is injected directly into the fan.

**This dries out the vegetation and limits evaporative cooling.**

What's more, with its telescopic mast and dimensions, the VENTIGEL™ can be easily positioned between rows of trees and then raised to a motor axis height of 5m at your convenience using a manual or electric winch.

VENTIGEL™ is a simple, pragmatic, effective solution **made in France** that allows you to protect your crops over an area ranging from 2 to 3 Ha.



## Technical specifications

Model	VENTIGEL™ V4
Nominal diameter	Ø 1000 mm
Fan nominal air flow	60 000 m <sup>3</sup> /h
Motor	11 kW - 1500 rpm
Power supply	TETRA400V-50Hz
Power consumption Amperage	13kW - 26A Max (21.4A Fan + 2x 4.6A Heating)
Oil heating power Fuel consumption	2X110 kW 2X10,3 L/h
Air output - heating	2X3950 m <sup>3</sup> /h
Noise level at 100 m	57dB (A)
Fuel tank capacity fuel / autonomy	2X105 litres / 10h
Recommended fuel	Low temperature fuel/diesel/low temperature RNG*/organic RNG
Dimensions in m (with feet)	2,30 x 2,30 x H
Height of the fan axis	Adjustable from 3.5 to 5 m
Height of stored version	2,45 m
Empty weight	1400 kg
Power supply	Three-phase 3P+N+T Plug P17-Tétra 32A
Recommended Electrical protection	Circuit breaker TETRA400V - CURVE D 32A
Rotation time 300°	Adjustable from 2 to 8 minutes
Supply air rectifier	✓
Electric winch	Option

*Non-contractual informations. Subject to change without notice.*

*\* Subject to complete purging and cleaning at the end of the season.*

