ELECTRO-THERMAL · 400 V, 3-PHASE

Synofog SF2H

An electro-thermal hot fogger for applying sprout inhibitors in potato stores. Fully electric: no open flame and no exhaust. It works outside the room, connecting to each room's inlet in turn and rolling between them on wheels.





OUTPUT	DROPLET SIZE	POWER	DRIVE AND SUPPLY
25–30 L/h of product	about 1 µm ("dry" fog)	heaters 2 × 9 kW, about 20 kW in total	400 V, 3-phase, 29 A

PRICE

on request

We will quote the price and delivery time for your configuration. Message us on WhatsApp and we will reply the same day.

Specifications · Synofog SF2H

Type	Electro-thermal
Output	25–30 L/h of product
Potato throughput	300–1,200 t of potatoes an hour, depending on the product
Droplet size	about 1 µm ("dry" fog)
Power	heaters 2 × 9 kW, about 20 kW in total; 2 × 6 kW for a weak supply
Drive and supply	400 V, 3-phase, 29 A; 32 A socket, 5-pin (3P + N + PE)
Extension cable	up to 30 m, 5 × 6 mm²
Solution tank	none — feeds straight from the container, self-regulating, no dripping
Control	panel on the control cabinet; Wi-Fi and 4G optional
Mobility	trolley with a lifting table; stays in place while fogging
Dimensions (L × W × H)	length 1,840 mm, height 1,150–1,620 mm, width over wheels 720 mm; nozzle axis 580–1,050 mm, nozzle diameter 105 mm
Empty weight	about 200 kg

Features

- Hot fog comes from electric heaters, not a combustion chamber
- No fuel, open flame or combustion chamber
- No exhaust: neither CO_2 nor ethylene
- About 1 µm droplets: "dry" fog gets into box stacks and tubers stay dry
- Stainless-steel gear pump that resists product crystallisation
- Little air heating, so less ventilation is needed afterwards
- Patented design, made in the Netherlands

Options

- Flexible Ø 50 mm stainless-steel extensions, 1 and 2 m
- Extensions: straight, 90° turn, curved
- Jet deflector
- Protective cover and frame
- Wi-Fi: smartphone control within 30 m
- PowerLimit: caps the power drawn
- Impeller head (standard)
- Forklift pockets
- 4G remote-diagnostics module
- Rain cover

Delivery and service in Kazakhstan

Delivery and customs clearance
We deliver the equipment to your site and handle customs ourselves.

Payment in tenge and paperwork
A contract with a Kazakh company, payment in tenge and a full set of accounting documents.

Commissioning and training
We commission the equipment on site and train your operators in Russian or Kazakh.

Warranty, service and spare parts
Warranty and seasonal maintenance, spare parts and consumables close at hand, in Kazakhstan.

Yermek Zhunussov
Director · Will choose the equipment for your store and answer your questions

+7 700 300 2222 · WhatsApp
+7 777 247 10 90 · WhatsApp
info@tarakan.kz · Almaty

Specifications may change; please confirm when ordering. Trademarks belong to their respective owners. Prepared 22.11.2026.