

fontan® ULV Cold Fogging Aerosol Applicators

Made in Germany



fontan® Compactstar



Spraying tank, polyethylene, capacity 15 l, Fontan Compactstar

Spraying tank, polyethylene, capacity 34 l, Fontan Compactstar



Timer, Fontan Compactstar



fontan® Turbostar



fontan® Twinstar



Control panel, Fontan Turbostar, Fontan Twinstar



Fan with stator

TECHNOLOGY FOR PROFESSIONALS

Fontan – the optimal machines for Plant Protection in Greenhouses. Disinfection in Food Processing. Disinfection in Hospitals, Public and Commercial Areas. Stock Protection in Warehouses.



fontan® + swingfog®
QUALITY WINS

Technical data

fontan® Compactstar fontan® Turbostar fontan® Twinstar

Motor			
Performance	1.1 kW, single phase	0.75 kW, single phase	1.5 kW, three phases
Speed 50 Hz	2.800 min ⁻¹ (rpm)	2.800 min ⁻¹ (rpm)	2.800 min ⁻¹ (rpm)
Speed 60 Hz	3.400 min ⁻¹ (rpm)	3.400 min ⁻¹ (rpm)	3.400 min ⁻¹ (rpm)
Protection	thermal contact	thermal contact/thermal fuse	thermal contact/thermal fuse
Compressor			
	oil- and maintenance-free rotation pump	oil- and maintenance-free rotation pump	oil- and maintenance-free rotation pump
Air volume	35 m ³ /h	35 m ³ /h	70 m ³ /h
Pressure	0.35 bar	0.35 bar	0.35 bar
Drive	V-belt	V-belt	V-belt
Fan			
Performance	axial blower	motor	motor
Air volume	4.850 m ³ /h	320 W, single phase 4.850 m ³ /h	2 x 320 W, three phases 2 x 4.850 m ³ /h
Agitator			
	pneumatic, can be deactivated	24 V DC motor with thermal fuse and on/off switch	24 V DC motor with thermal fuse and on/off switch
Control			
	on/off switch, spray button	control panel, programmable and microprocessor controlled	
Timer	optional accessory	preselection of the starting time up to 10 hours	
Program	semiautomatic	automatic run of the program or manual operation of all functions	
Agitation	during operation, can be deactivated	permanent after start of program, can be switched off	
Fan	permanent from start to shutdown	permanent during fogging with programmable pre- and post-running phase	
Duration of fogging	dependent on the preselected output volume	dependent on the preselected output volume	
Flushing	manual	automatic, flushing time programmable	
Shutdown	automatic	automatic after program is finalized	
Failure diagnosis	- - - -	failure code on the display	
Spray mode	ULV (Ultra Low Volume)	ULV (Ultra Low Volume)	ULV (Ultra Low Volume)
Operating range (LxW), approx.	60 x 40 m	60 x 40 m	120 x 40 m
Output (measured with water, approx.)	dosage nozzles, stainless steel	dosage nozzles, stainless steel	
	62 2.9 l/h	62 3.6 l/h	2 x 62 7.2 l/h
	68 3.6 l/h	68 4.4 l/h	2 x 68 8.8 l/h
	74 4.2 l/h	74 5.2 l/h	2 x 74 10.4 l/h
	92 5.9 l/h	92 7.6 l/h	2 x 92 15.2 l/h
	100 7.0 l/h	100 8.6 l/h	2 x 100 17.2 l/h
	120 8.6 l/h	120 11.4 l/h	2 x 120 22.8 l/h
Electrical data			
	220-240 V / 50 Hz or 110-130 V / 60 Hz or 220-240 V / 60 Hz single phase	220-240 V / 50 Hz or 110-130 V / 60 Hz or 220-240 V / 60 Hz single phase	380-415 V / 50 Hz or 208-360 V / 60 Hz or 380-415 V / 60 Hz three phases
System of protection	IP 43	IP 43	IP 43
Dimensions	65 x 40 x 84 cm	115 x 69 x 162 cm	115 x 86 x 162 cm
Weight (empty)	35 kg (without spraying tank)	84 kg (with spraying tank)	101 kg (with spraying tank)
Standard accessories			
Flushing bottle, polyethylene	capacity 1 l	capacity 2.5 l	
Dosage nozzles (nozzle 74 already installed)	62 / 68 / 74 / 92	62 / 68 / 74 / 92 (for Fontan Twinstar 2 each)	
Chemical funnel with strainer, (mesh width 0.1 mm)			
Allen key, Screw driver			
Instruction manual with spare parts list for Turbostar and Twinstar only		Spraying tank, polyethylene capacity 34 l with electric agitator	
Optional accessories (available at extra charge)			
for Fontan Compactstar only	Spraying tanks, polyethylene 15 l or 34 l with pneumatic agitator (to be specified with order) timer		
for all types	dosage nozzles 100 / 120		

Subject to technical modifications.

