

High Pressure Fogging

PSS-072-High_Pressure_Fogging-01



High Pressure Fogging

A Breath of Fresh Cool Air

Looking to add additional cow cooling during hot seasons? VES-Artex High-Pressure Fogging (HPF) Systems cool the air around the cow by forcing water through special nozzles at high pressure (1,000 to 1,200 PSI), creating micron-sized fog droplets that evaporate quickly, before it hits the bedding.

This reduces the ambient temperature in the barn, parlor or holding area anywhere from 2°C (5°F) to 16°C (30°F). This system works best in arid climates but is also useful in the hottest times of the day in humid climates when the relative humidity is at its lowest.

VES-Artex High-Pressure Fogging Systems allow you to provide a cooler environment for your employees and herd without wetting bedding or feed, keeping cows cleaner and healthier.



HPF Systems Can Be Installed Directly on Fans or on Inlets



Available in Belt Drive or Direct Drive Options



Comes Pre-Mounted for Faster Installation



Designed to Work with Breeze, Storm, and Exhaust Fans

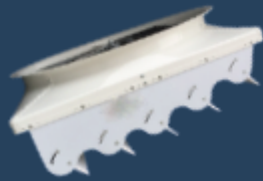


Available from 1GPM (3.8LPM) up to 18GPM (68LPM) Depending on Requirements



High Pressure Fogging

Thumbnail	Part #	Description	Size		For Fan	Flow Rating		Pressure Rating		Nozzles	
			mm	inch		GPM	LPM	PSI	Bar		
Fogging Manifold											
	108476	Fogging Ring	610	24	36" Breeze	0.36	1.36	1000	68.95	10	
	108392	Fogging Ring	914	36	50/55" Breeze	0.36	1.36			10	
	108475	Fogging Ring	1350	53	72" Breeze	0.54	2.04			15	
	108506	Fogging Kit	NA	NA	55" Storm	0.18	0.68			5w	
	108505	Fogging Kit			72" Storm	0.36	1.36			10	
	108393	Fogging Kit			Storm	0.54	2.04			15	
Thumbnail	Part #	Description	Flow Rating		Pressure Rating		Phase	Drive			
			GPM	LPM	PSI	Bar					
Pump Systems											
	106065	Injection Pump System	6-10	15-38	1100	75.842	3	Direct Drive			
Thumbnail	Part #	Description	Filter	Material	Input	Size		Flow Rating		Pressure Rating	
						mm	inch	GPM	LPM	PSI	Bar
Nozzles											
	108376	Nozzle-Check Valve, SS	Yes	Stainless steel	-	0.3	0.012	0.036	0.14	1000	69
	115006	Nozzle-Check Valve, Nickel Plated Brass	No	Nickel Plated Brass	-						
	108558	Nozzle-Check Valve, SS	No	Stainless steel	-						
	108845	Nozzle-Check Valve, SS	No	Stainless steel	-	0.203	0.008	0.026	0.098	1500	103
Thumbnail	Part #	Description	Material			Diameter		Length			
			mm	inch	m	f					
Hose and Pipe											
	109100	3/8" High Pressure Tube	Nylon			10	3/8	25	82		
Thumbnail	Part #	Description									
Pump Controllers											
	109125	Pump Controller, up to 18 amps									
	109126	Pump Controller, up to 25 amps									



VES-Artex High-Pressure Fogging Systems Easily Mount to Any Circulation Fan

Our High-Pressure Fogging System easily mounts to any fan on the market. Speak with an VES-Artex representative today about your custom, fully automated cooling solution today.

