

Holding Area Soaking

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Less Stress, More Milk



Holding areas are some of the hottest spaces in a barn. With so many cows so close together it's no surprise their body temperatures rise so quickly. We know that soaking, in combination with fans, is the most effective way to cool cows, which is why we designed a plug-and-play overhead soaking system that can be customized to fit each facility.

The VES-Artex 360° Holding Area Soaking System delivers a shower of water above the cows to thoroughly soak them across their backs while keeping their udders dry. When combined with proper airspeeds, the water will evaporate and draw heat directly off the body of the cow. The holding area is the ideal place to cool your cows; not only can the conditions in the holding area often reach above the levels of heat stress, but the holding area is one of the few places on your farm that all the cows pass through.





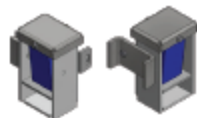

This system is divided into zones meaning if the cows are not in that zone, the water turns off. Combined with easy installation and a custom-designed system, you have complete control over your soaking system set up.



In a study done by JP Harner III, Et Al., it was found that without cooling the temperature of a cow in the holding area increased 1.6°C (3° F) within 20 minutes after entering the pen. With overhead soaking and fans, their temperature was lowered by 2°C (3.5° F) during their time in the holding pen.



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Thumbnail	Part #	Catalog Description	Flow rate		Pressure range		Material
			GPM	LPM	PSI	Bar	
Feed Lane Soaker Nozzles							
	108497	Soaker Nozzle, Red w/SS Ball	1.2	4.54	25	1.72	Stainless steel
	108752	Soaker Nozzle, Red w/Plastic Plunger	1.2	4.54	25	1.72	Stainless steel
Holding Area Soaker Nozzles							
	108954	Soaker Nozzle #7 IWOB 1/2"	1.2	4.54	25	1.72	-
	108953	Drop Tube 1/2" MIPT	-	-	-	-	-
Thumbnail	Part #	Catalog Description					
Feed Lane Soakers Accessories Filters							
	108462	Strainer, 2" Housing - Filter mesh to be ordered separately					
	108627	Strainer, 2 1/2" Housing - Filter mesh to be ordered separately					
	108460	Strainer, 3" Housing - Filter mesh to be ordered separately					
	108463	Filter, 20 Mesh for 2" Strainer					
	108461	Filter, 20 Mesh for 3" Strainer					
	108498	1" Filter Assembly, 80 Mesh, 5-26 GPM					
Feed Lane Soakers Accessories Solenoids							
	108624	Solenoid, 25mm (1") Soaker Line, 24VAC					
	108499	Solenoid, 25mm (1") Soaker Line, 120VAC					
	108436	Solenoid, 60mm (2 3/8") Soaker Line, 24VAC					
	108481	Solenoid, 60mm (2 3/8") Soaker Line, 120VAC					
	108625	Solenoid, 73mm (2 7/8") Soaker Line, 24VAC					
	108482	Solenoid, 73mm (2-1/2") Soaker Line, 120VAC					
	108626	Solenoid, 89mm (3 1/2") Soaker Line, 24VAC					
	108483	Solenoid, 89mm (3 1/2") Soaker Line, 120VAC					
108500	Pressure Regulator, 1-1/2", 20 PSI						
Feed Lane Soakers Accessories Proximity Sensors							
	108696	Enclosure Motion Sensor Box (Set of 2) * To be used for 94228					
	108675	Sensor, Photoelectric Motion Set					
Feed Lane Soakers Spare Parts Sheet Metal							
	107695	Sheet Metal 3mm (1/8") Thick x 0.5M (19 11/16") Wide x 0.75M (29 1/2") Long w/Strut Channels					