



Why Gamble With Heat Stress?

PolAIR® High Pressure Fog Cooling — The Solution to Heat Stress

Throughout warm regions of the world and during summer months, heat related stress on commercial laying hens causes loss by and through:

- Reduced Feed Intake
- Reduction in Egg Sizes
- Growth Retardation in Growing Birds
- Lower Egg Production
- Hen Mortality
- Reduced Shell Quality

PolAIR High Pressure Fog Cooling

Engineered and custom designed using proprietary, Psychrometric Software, the PolAIR High Pressure Fog Cooling System generates sub-micron drops which flash evaporation upon contact with the air, lowering the temperature of the house.

The PolAIR High Pressure Fog System is configured to your house with little or no structural modifications.

Whether your production is in conventional cages or free / community nests, heat stress affects all types of production methods.

System packages include the pump and motor, control panel, sensors and multi-stage water filtration with an integrated water treatment system.



Keep your birds cool with a PolAIR High Pressure Fog Cooling System.



Performance You Can Count On



**PolAIR High Pressure Fog Cooling System
Design Data Sheet**

EGG Production

Salesmen
Salesmen Phone
Dealer
D S Yes No

Date

Name	Email	
Address	City	
PO Box	State	Postal Code
Phone	Country	Project Location
Fax	Contact	

Design Data

Climate Data

Cool From _____ F / C to _____

Summer Maximum Temperature _____

Type of Production Please check

Type of Ventilation Please check

Caged Layers

# Birds / House	<input type="text"/>
# Cage Rows	<input type="text"/>
# Cage Tiers	<input type="text"/>
House Length	FT <input type="checkbox"/> Meter <input type="checkbox"/>
House Width	<input type="text"/>
Side Wall Height	<input type="text"/>
Cage Row Length	<input type="text"/>

Natural

Ridge Vents Side Wall Curtains

Both

Stir Fans Size _____ Qty _____

Mechanical

Fans _____ Fan Size _____

Fan HP _____ CFM / M3 HR _____

Outside Cooling Corridors / Chambers Yes NO

Tunnel Ventilation Yes NO

Cage Free Layers

# Birds / House	<input type="text"/>
# Nest Rows	<input type="text"/>
House Length	FT <input type="checkbox"/> Meter <input type="checkbox"/>
House Width	<input type="text"/>
Side Wall Height	<input type="text"/>
Cage Row Length	<input type="text"/>

Utilities

Electric 60 HTZ 50 HTZ

Single Phase Three Phase

Voltage	110 <input type="checkbox"/>	200 <input type="checkbox"/>	208 <input type="checkbox"/>	220 <input type="checkbox"/>
	230 <input type="checkbox"/>	380 <input type="checkbox"/>	400 <input type="checkbox"/>	440 <input type="checkbox"/>
	460 <input type="checkbox"/>	480 <input type="checkbox"/>	575 <input type="checkbox"/>	600 <input type="checkbox"/>

Water Available Pressure _____ PSI

_____ Bar

Available Flow GPM _____

Lit / Min _____

Breeders

House Length	_____ FT <input type="checkbox"/> Meter <input type="checkbox"/>
House Width	_____ FT <input type="checkbox"/> Meter <input type="checkbox"/>
Side Wall Height	_____ FT <input type="checkbox"/> Meter <input type="checkbox"/>
# Birds / House	<input type="text"/>
# Nest Rows	<input type="text"/>
# Cage Rows	<input type="text"/>
# Cage Tiers	<input type="text"/>
Cage Row Length	<input type="text"/>

Broiler

Pullets

Directions: Please fill out as completely as possible. Once completed, please fax back to the following VAL-CO fax numbers for processing. VAL-CO Design Engineers will use this information for designing a PolAIR High Pressure Fog Cooling System.

North America:
Phone: 800-99VALCO (800-998-2526)
Fax: (+1) 419-678-2200
E-mail: sales@val-co.com

International:
Phone: (+1) 419-678-8731
Fax: (+1) 419-678-2200
E-mail: intl.sales@val-co.com

