## Why Gamble With Heat Stress?

## PolAIR<sup>®</sup> 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

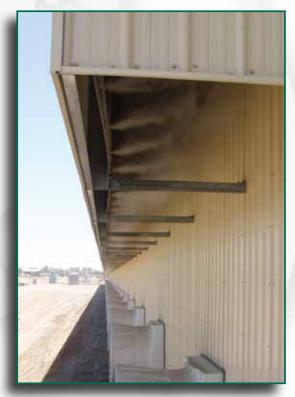
## PolAIR High Pressure Fog Cooling

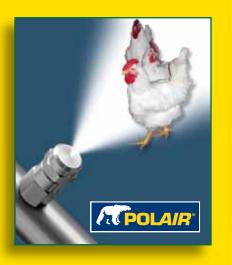
Engineered and custom designed using proprietary, Psychrometric Software, the PolAIR High Pressure Fog Cooling System generates sub-micron drops which flash evaporation upon contact with the air, lowering the temperature of the house.

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		
DSYes 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
# Birds / House         Caged Layers         # Cage Rows         # Cage Tiers         House Length         FT         Meter         House Width         Side Wall Height	Natural       Ridge Vents       Side Wall Curtains         Both
Cage Row Length # Birds / House # Nest Rows	Outside Cooling Corridors / Chambers Yes NO
House Length Meter	Utilities
House Width Side Wall Height Cage Row Length	Electric 60 HTZ 50 HTZ
Breeders <ul> <li>House Length FT Meter</li> <li>House Width FT Meter</li> <li>Side Wall Height FT Meter</li> <li># Birds / House</li> <li># Birds / House</li> <li>Broiler # Nest Rows</li> <li>Pullets # Cage Rows</li> <li># Cage Tiers</li> <li>Cage Row Length</li> </ul>	Voltage       110       200       208       220         230       380       400       440         460       480       575       600         Water       Available Pressure       PSI        Bar         Available Flow       GPM         Lit / Min       Lit / Min

**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



Performance You Can Count On www.val-co.com