



SOLUTIONS



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Focused on The Engineered Environment

August 2008

Welcome to SOLUTIONS, a monthly newsletter provided by Jacco & Associates. Jacco's focus on system knowledge provides you with the engineering support and product solutions for your applications.

August Feature:



AFX Aeroflo Air Rotation Unit

The AFX Aeroflo heater is a floor mounted industrial grade space heater that achieves uniform building temperature, moisture control and maximum heating efficiency using the principle of low velocity constant air circulation to heat large air volumes with lower temperatures. Unlike conventional space heaters, unit heaters and infra-red heaters, the AFX unit can uniformly heat large open spaces with or without varying building occupancy. It is most commonly used in large warehouses, manufacturing plants, garages, aircraft hangars and service centers to name a few. By continuously circulating the building's air volumes several times per hour, the AFX unit develops a gentle air rotation without requiring a duct system. The cooler air is drawn across the floor, through the heat exchanger and then discharged out the top. The air circulation continually sweeps the warmer ceiling air down to the floor level, minimizing stratification. Temperature differentials in the space are usually 2°F or less. Due to the proper air movement and mixing, the AFX unit saves energy by utilizing less gas than other systems that primarily heat cold air streams sitting at floor level. If outside air is required, the unit can be provided with an outside air intake section. The unit should be installed near high infiltration or "cold spot" areas such as doorways or along cold walls.



Contact your Jacco representative for others Hastings products, including:

- Counterflo heaters
- Direct fired heating systems
- Indirect fired heating systems
- Electric heating units
- Steam heating systems
- Hot water heating systems

Be sure to mark your calendars for Jacco's Hospital and Healthcare Seminar on October 20th! Details to follow.

August Question & Answer:

Question: What other energy savings does the AFX Aerflo system provide?

- a.) Heat recovery from internal & solar gains
- b.) Mixing air from other equipment in the space
- c.) Lower transmission heat losses
- d.) All of the above

Prize: Ping Putter!

Respond by September 10th with the correct answer to be entered in the raffle for this month's prize!

Last Month's Question & Answer Winner!

Question: Aaon's standard paint surpasses the 2,500 hour salt spray test. How many hours has the polymer e-coating surpassed?

Answer: 6000. Congratulation to Dan Stecklow for winning a Taylor Made R7 Draw Hybrid Rescue Driver!

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Questions or comments? E-mail us at opportunity@jacco.com



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