

FANTASTICS

A Quarterly Industrial Ventilation Newsletter

Second Quarter 2019



Company News

- **AMERICAN COOLAIR** introduces an expanded line of vaneaxial and mixed flow axial fans in both belt and direct drive arrangements.
- **TECO-WESTINGHOUSE** is offering discounted prices for their 460 volt model A-510 and F-510 variable frequency drives 100 HP and larger. These VFD's are specifically built for fans, blowers, and pumps.
- **IAP Inc.** continues to offer custom blower capability to fit the customers' exact needs. Many fan manufacturers only offer their standard design which requires field modifications by the customer which can be more expensive and take longer to accomplish than if IAP Inc. built this into the customers' requirements.



VSI News

- **VENTILATION SPECIALISTS, INC.** has expanded its capabilities to provide large process centrifugal blowers up to 400,000 CFM at high static pressures.
- Most fan manufacturers have increased their fan and blower prices. Exceptions are American Coolair and Cincinnati Fan. American Coolair has decreased their prices 4% through the end of April.
- **CINCINNATI FAN CO.** continues to offer both 10 and 5 day shipments on many of their fan and blower product lines.

Engineering Report

Most motor manufacturers have incorporated the IP (International Protection Rating) designations into their motor data sheets. The following listings outline how they tie together with USA Standards.

Designation	Type	Use	Specials
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IP44

Light Duty

- Non-Corrosive Uses Very little protection against falling objects or water

IP54

General Purpose Motors

- Non-Corrosive Uses Some protection against falling objects or water
- IP55 Severe Duty
- Standard Washdown
- IEEE-45
- Marine Duty
- Chemical Plants Modest protection against falling objects or water

- IP56 Extra Heavy Severe Duty
- IEEE-841
- Super Washdown
- IEEE-45 Chemical Plants
- Paper Mills
- Sugar Mills
- Phosphate Plants Excellent Protection against falling objects or water
- Impro Seals

V E N T I L A T I O N S P E C I A L I S T S , I N C .

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ODOR CONTROL, PEOPLE COOLING, PROCESS VENTILATION,
CORROSIVE AND EXPLOSIVE APPLICATIONS*

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