



Smart Air Handling for Your Production Room Air

AcuAir® Hygienic Air Units

Hygienic air handling units are a vital part of today's food processing rooms. Dependable operation is crucial in maintaining the safe production of food products. The AcuAir® multiple fan strategy ensures that your hygienic air handler remains in operation during your sensitive hours of production.

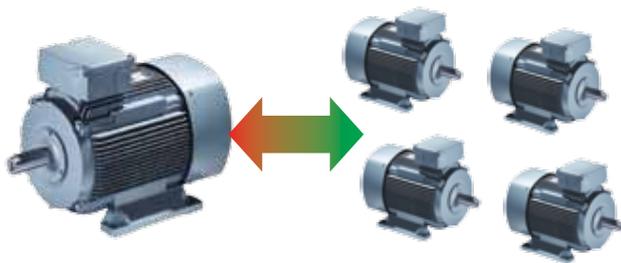
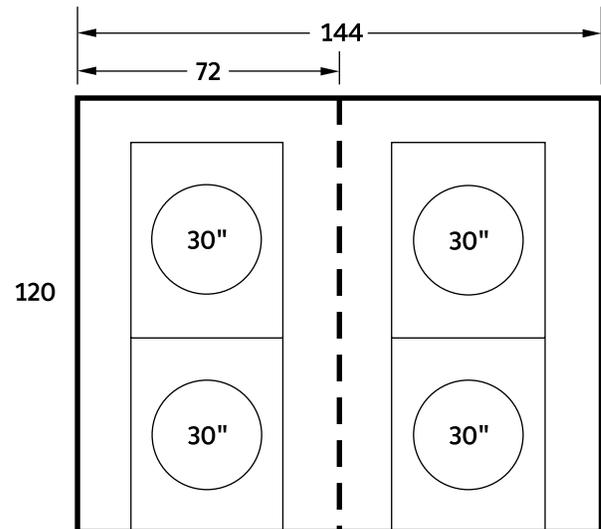
Redundancy

Multiple parallel fans in your AcuAir® hygienic air handler provide operating dependability through redundancy. You can maintain your production of safe food products even with the loss of a fan, whether due to scheduled maintenance or motor failure.

Total Number of Fans	Flow with one fan off
Two (2)	76%
Four (4)	92%
Six (6)	95%

Balanced Design

The sweet spot in hygienic air unit design is the balance of redundancy, reliability, and cost. Two, four, or six parallel fans provide a great balance to your operation.

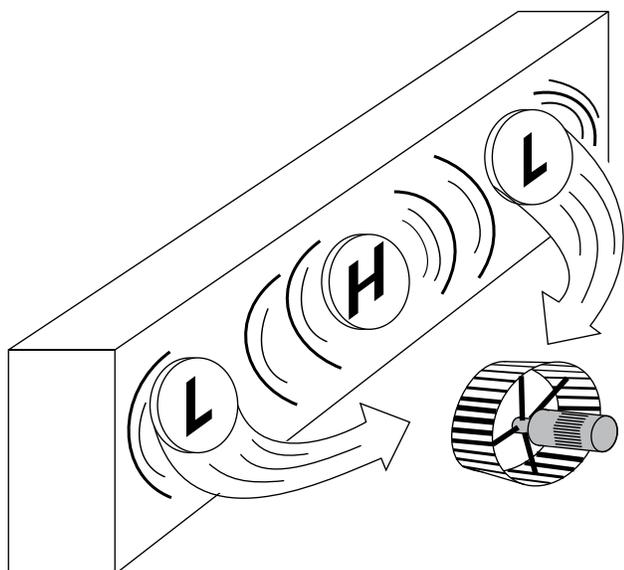
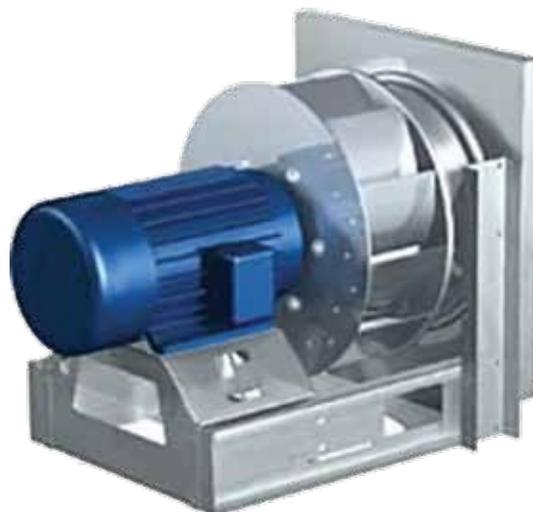


Ease of Service

Using multiple parallel fans and motors reduces the size of the individual components. These smaller sizes make service and the handling of replacement parts easier.

Hygienic

Smaller fans and motors are ideally suited for direct drive configuration. This eliminates the need for belts, the resulting belt dust, and drive losses associated with the use of belts. The AcuAir® multiple fan strategy is a cleaner and greener way to move air.



Optimized Efficiency

The hygienic air handler performance can be optimized by placing multiple parallel fans downstream of the cooling coil. This configuration reduces the potential of localized high air velocities through the coil and provides enough reheat in the airstream to prevent moisture from collecting in the final filters.

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