

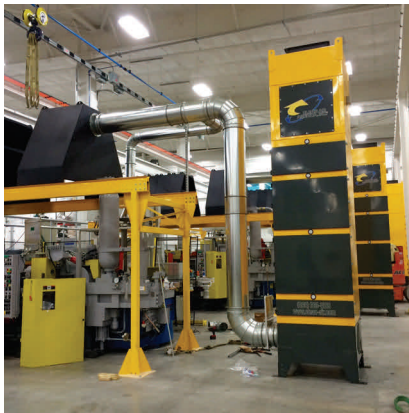


**CLEAN AIR AMERICA, INC.**

## **Application Spotlight**



The **Clean Air ZeroSmoke™** Series is ideal for die cast ventilation applications. A packaged HS-2400 unit provides the primary ventilation for each die cast machine with efficiency exceeding 99% for cleaning & re-circulating machine emissions, without the need for exhaust. The HS-2400 application accessories include: spray system that keeps the primary filter wetted; custom designed die cast hoods with interior baffles; manual or automatic hood positioning for access to machine for die changes; optional fire suppression packages. Additional accessories include automatic pump packages, mounting stands, auxiliary hoods, and custom control panel packages with PLC and VFD controls.



### **CLEAN AIR AMERICA, INC.**

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The Clean Air ZeroSmoke™ model HS-2400 is a high-performance coalescing fiber bed filter system suitable for high concentrations of sub-micron emissions and ideal for applications that include: cold-forming, high speed grinding, rotary transfer machines, die casting, heat treating, and emission counts up to 150 mg/m<sup>3</sup>. Filter life typically exceeds two years on the majority of these applications. Die cast processes require spray systems to keep the primary fiber bed filter wetted and to aid in the removal of graphite die lube. This system is modular and can be modified to include duct manifolds for larger capacities dependent upon the size of the die cast machine.

Clean Air America, Inc. can provide installation, duct & hood design, and AutoCAD design of the complete system. Please contact us for additional information on the Clean Air ZeroSmoke™ HS-2400 Die Cast Ventilation Systems at #866.665.1829.