

DURASYSTEMS

PASSIVE FIRE PROTECTION

No-Weld Exhaust Systems

Eliminate Field Welding with
DuraSystems Duct Solutions



www.durasystems.com

ELIMINATE YOUR FIELD WELDED CONNECTIONS!

DuraSystems' new no-weld duct solutions will eliminate the field welding of your kitchen, laboratory, dishwasher and other exhaust duct systems. Extensively tested to meet or exceed all industry codes and standards, these duct systems will simplify the installation process, saving time and money.

Eliminating field welding also eradicates miscellaneous site costs such as:

- Insufficient power
- Argon bottle supply
- Running out of weld wire
- Smoke eaters
- Weld curtains
- Extinguishers
- Hot work permit (daily)
- Working in occupied spaces





Kitchen Exhaust

DuraSystems has developed a new single source, pre-fabricated duct design that is companion flanged and eliminates all field welding of kitchen exhaust duct. The duct may be supplied in single wall or as a 2 hour zero clearance double wall system utilizing code compliant black iron or stainless steel materials. The double wall design eliminates the need of a secondary trade to install external fire wraps or enclosures when required to achieve an hourly fire resistance rating. This simplifies the process, reduces coordination with secondary trades and lowers the overall cost. Third party tested and listed to ASTM E2336, CAN/ULC-S144, UL 1978 and CAN/ULC S662 and is in strict accordance with NFPA 96, IMC and NBCC.





Laboratory Exhaust

DuraSystems' stainless steel laboratory exhaust duct system features installer-friendly companion flange connections that include a chemically inert and liquid tight gasketed sealing system. This design eliminates the field welding required for contractor fabricated laboratory duct systems. Third party tested in accordance with ANSI/ASHRAE/SMACNA Standard 126-2000 as well as pressure decay tested to ASME Standard N510, Testing of Nuclear Air Treatment Systems. The duct may be supplied in a round or rectangular footprint providing additional flexibility to achieve the required air flows when shallow ceiling spaces or shaft requirements limit the duct size. When needed, the system can be provided with an available 2 hour fire rated option.





Dishwasher Exhaust

Ducts that convey moisture-laden air must have construction standards that account for corrosion resistance, drainage and waterproofing. Look no further than DuraSystems for your design solution to eliminate field welding of dishwasher exhaust systems. Supplied in a stainless steel round or rectangular orientation, this duct is companion flanged with a proven gasketing system. This solution will ensure a leak free design for your dishwasher exhaust as well as general exhaust systems including swimming pools, shower rooms, steam cleaning and washdown chambers. Third party tested to meet all SMACNA and ASHRAE design requirements.



Also available from DuraSystems:

- Fire Resistant Ductwork
- Blast Resistant Ductwork
- Ballistic Rated Ductwork
- Fire Resistant Panels and Wall Systems
- Thermally Insulated Plenum Panels
- Underground Corrosion Resistant Ductwork
- Fire Rated Enclosure & Barrier Systems

For full product offering go to www.durasystems.com

Please visit our website at www.durasystems.com to find your local representative or contact DuraSystems for further information at info@urasystems.com

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