

WHAT OWNERS NEED TO KNOW: KITCHEN EXHAUST DUCT

WHY DURAVENT PREFAB GREASE DUCT?

DuraVent's Prefab Grease Duct provides benefits that help Owners reduce Expense and Risk. These benefits lower install and lifecycle costs, reduce risks and ensure less long-term headaches. They also reduce the chances for problems and conflicts between other stakeholders including contractors, AHJ's and engineers working on your project.

WHY DURAVENT PREFAB GREASE DUCT: REDUCED RISK ... LOWEST COST

- Reduced Risks
- Superior Warranty
- Lower Costs – Install & Lifecycle Expenses
- Design, Application and Training Support

WHAT ARE THE BENEFITS: WHAT IF...

- **What if you could reduce your risks of leaks during cleaning, operations and a possible fire...** The DuraVent prefab solution is your zero-leak option. Zero-leaks during cleaning ensures water damage during duct cleaning and subsequent mold aren't a problem. Grease leaks during operations and fire escaping the duct are not an issue. Safety, IAQ and cleanliness are benefits of DuraVent's Zero-leak Grease Duct.
- **What if you could keep the job on schedule without delays and conflicts...** Zero leaks and code compliant design support means your job goes smoothly, passes inspection without delays and conflicts and keeps the overall project on-schedule. Contractors, AHJ's and Engineers have one less source of concern.
- **What if you could lower installation costs ...** a long list of Voice of Customer driven features ensures the system is installed quickly and correctly leading to lower costs, higher quality and durability. Finding good employees will not get easier. A prefab, Plug-N-Play solution, ensures you save time on the jobsite and reduce costs using less skilled, less expensive and more available manpower.
- **What if you could reduce Life-cycle Expenses ...** stainless steel inner wall, round design, centering sleeve, no-tool tee cap and access panels are just some of the features that improve energy efficiency, quality and ease of maintenance, and durability. Additionally, there is a limited lifetime warranty.



KITCHEN APPLICATIONS WHERE FIRE CONSEQUENCES ARE HIGH: WHERE TO USE DURAVENT PREFAB DUCT

- 1) **Kitchen Proximity to Occupancy** – Restaurants on First Floor below occupancy, Education, Hotels, Hospitals, Assisted Living, Childcare
- 2) **Revenue Generating/Business Disruption** – Supermarket, Restaurants, Convenience Stores, Commercial/Industrial/Mission Critical Food Courts/Cafeterias
- 3) **Financial Risks** – Kitchen adjacent to “other” Retail, Occupancy
- 4) **Large Projects** – Stadium/Convention Center/Arena/Event Center/Casinos, Cultural/Museum, Historic Buildings & Districts, Music Clubs

DESIGN TIP

Ensure site-built access doors are actually installed. Specifically call out the requirement for drawings and inspections of access doors so no jobsite shortcuts take place that compromise the safety of a Grease Duct system over its lifecycle.

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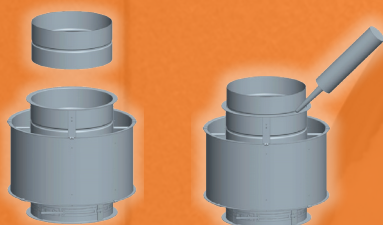


Lower Install & Life-cycle Costs, Reduced Risks and Headaches, Superior Warranty

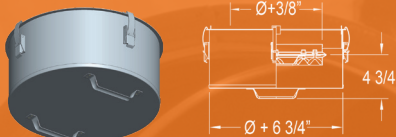
BENEFITS TO OWNER WHEN USING DURAVENT vs SITE-BUILT

	Dollar Savings & Times Savings	Quality/Reliability / Durability	Notes:
REDUCE RISKS			
Probability & Consequences of Fire Event			
No Leak Welds	YES	YES	Site-built duct leaks. Prefab doesn't leak Water during cleaning, Grease during operations or Fire during a Fire Event.
No Leak Welds	YES	YES	No water leaks during cleaning means no mold from leaks. No business interruption and mold remediation expense.
Consequences of a Fire	YES	YES	No leaks means fire doesn't spread from/into ductwork (or leaked grease from site-built duct leaks)
No welding on jobsite	YES	YES	No site welding fire events & associated risks or safety preparations. No Fire Watch requirements as per local codes.
Centering Sleeve	YES	YES	Additional leak barrier
No pooling of grease			No pooling of grease in corners or behind site-built welds.
To Project Schedule			
Outer Wall vs. Insulation	YES		Reduced Inspections & AHJ involvement
Code Compliance & Project schedule	YES		Code Compliant Design & Materials. No jobsite "shortcuts"
LIFE-CYCLE SAVINGS			
Easier to Clean, Maintain, Inspect			
Stainless Steel Inner Wall	YES	YES	Reduced grease build up from porosity of site-built carbon steel
Round Design - easier to clean	YES		Right solution for IKECA approved contractors. Round vs. rectangle & associated corners where grease builds up.
No-tool Access Door	YES	YES	Savings during maintenance & inspection
No-tool Tee Cap	YES	YES	Savings during maintenance & inspection
Incline Access Pane Centering Sleeve	YES	YES	Savings during maintenance & inspection
Energy Savings			
Round Design - improved airflow	YES		Save energy, a green solution
Survive a Fire Event			
Round Design	YES	YES	Round design can survive a Fire Event
Internal Spacers	YES	YES	Internal spacers provide rigidity, survive a Fire Event
SUPERIOR MATERIALS			
Outer wall aesthetics			Outer wall aesthetics superior to fire wrap insulation... even before the insulation rips
Broad product line	YES	YES	Voice of Customer driven options. Variable lengths, transitions, adapters
WARRANTY			
Limited Lifetime			Vs. Site-built warranty of 1-year or less
INSTALLATION SIMPLICITY & SAVINGS			
Centering "Alignment" Sleeve			Awesome innovation - Voice of Customer, one person operation
V-Band	YES	YES	Voice of Customer innovation
Access Door Gasket Factory Applied	YES	YES	Another savings ... one less step for the installer
More Space Between Outers	YES	YES	Voice of Customer innovation - space for real world contractor h&s
Quicker install - "Plug-N-Play"	YES	YES	Less time on jobsite. After hours installation for rehab projects. No need to shut down
No Welding	YES	YES	No site welding & additional safety requirements
No insulation exposed	YES	YES	No damage to insulation during installation or maintenance
Reduced Inspections	YES	YES	No Fire Wrap inspections required
Captured Nut & Bolt	YES	YES	Voice of Customer innovation
Specialised parts	YES	YES	Makes installation easier
Less Slope Requirement	YES		Code driven space savings
No "fire monitoring" on jobsite	YES	YES	Site-welded duct requires fire prevention, active monitoring & additional manpower
Smaller footprint - No Fire rated Chase required	YES	YES	No fire rated chase saves space and cost

CENTERING SLEEVE: DURABILITY
Protects sealant from degradation & loss during cleaning.



NO TOOL ACCESS TEE CAP
Labor savings during maintenance. Easy and toolless inspection.



NO TOOL ACCESS DOOR
Labor savings during install, maintenance and inspection.

