



AIR CONTROL PRODUCT OVERVIEW



TABLE OF CONTENTS

	Page No.
Louvers	3
Control Dampers	6
Balancing & Backdraft Dampers	7
Heavy Duty/Industrial Control Dampers	8
Curtain Fire Dampers	9
Multi-Blade Fire Dampers	11
Smoke Dampers	13
Combination Fire/Smoke Dampers	15
Ceiling Dampers	18
Access Doors	19



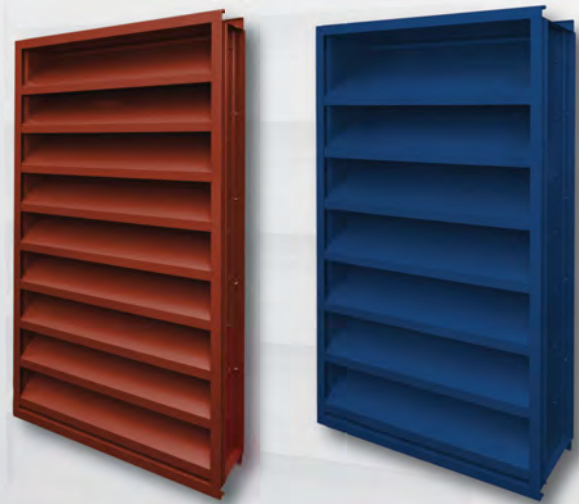
WACPL2015

Copyright ©2015 by Nailor Industries Inc. All rights reserved. No part of this catalog may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, or by any information storage and retrieval system without permission in writing from Nailor Industries Inc. In this catalog the terms of "Nailor Industries Inc.", "Nailor", "Nailor Industries" or "Nailor International Group" are synonymous and may be interchangeable for context or clarity. Nailor Industries Inc. pursues a policy of continuous product development and we therefore reserve the right to change any of the information in this publication without notice. Contact your Nailor representative to verify current product details.

At Nailor Industries, we've been manufacturing premium quality air control products for over 40 years. We've learned a lot since producing our first device and have incorporated that knowledge into the latest designs and production techniques that are offered today. Designed and engineered to meet the most demanding specifications, Nailor's louver products combine architecturally enhancing aesthetics with excellent performance characteristics. Nailor has over 30 louver models to choose from and many are AMCA certified for performance. Some of the most popular are illustrated below.

**MODELS 1602J, 1604J & 1606J
EXTRUDED ALUMINUM LOUVERS
ARCHITECTURAL BLADE**

Nailor Models 1602J, 1604J and 1606J are architecturally styled louvers utilizing J style blades, crafted with a clean continuous architectural appearance that will visually compliment any structure's exterior. The blade design provides protection against general weather conditions, with low pressure drop characteristics and a high free area. Reinforcing bosses run the full length of each blade for superior strength. Suitable for use in ventilation, exhaust and low to medium velocity intake applications, well suited for use in specialty shape architectural applications. Available in channel, flanged, or glazing adapter type, the 2" (51), 4" (102) or 6" (152) deep frame installs easily in most common wall configurations. Nailor's architectural louvers are engineered to be aesthetically appealing as well as mechanically enduring.



Models 1604J & 1606J



Models 1604D & 1606D

**MODELS 1602D, 1604D, 1606D & 1606DHP
EXTRUDED ALUMINUM LOUVERS
DRAINABLE HEAD, DRAINABLE BLADE**

Nailor Models 1602D, 1604D, 1606D and 1606DHP combine excellent weather protection with air performance and pleasing aesthetics that compliment any structure's exterior styling. The drainable head feature is enhanced by the drainable blade design, which utilizes additional rain gutters that divert collected water down concealed side downspouts and out through the sill. Blades are reinforced with full length integral bosses for superior strength. Suitable for use in exhaust and low to medium velocity intake applications where water penetration concerns are a priority. Available in channel, flanged, or glazing adapter type, the 2" (51), 4" (102) or 6" (152) deep frame installs easily in most common wall configurations. Nailor Models 1602D, 1604D, 1606D and 1606DHP are AMCA Licensed for Water Penetration and Air Performance.

**MODELS 1604DD & 1606DD
EXTRUDED ALUMINUM LOUVERS
DRAINABLE HEAD, DUAL DRAINABLE BLADE**

Nailor Models 1604DD and 1606DD combine exceptional weather protection during the most enduring rain conditions, great air performance through a large free area and pleasing aesthetics that enhance any structure's exterior design. Complemented by a drainable head, the dual drainable blade design utilizes double rain gutters that divert collected water down concealed side downspouts and out through the sill preventing water from infiltrating the space. Blades are reinforced with full length integral bosses for superior strength. Suitable for use in exhaust and medium to high velocity intake applications where water penetration concerns are a major priority. Available in channel, flanged, or glazing adapter type, the 4" (102) or 6" (152) deep frame installs easily in most common wall configurations. Nailor Models 1604DD and 1606DD are AMCA Licensed for Water Penetration and Air Performance.



Models 1604DD & 1606DD

**MODEL 1605WD
EXTRUDED ALUMINUM LOUVER
WIND-DRIVEN RAIN RESISTANT**

Nailor Model 1605WD Wind-Driven Rain Horizontal Drainable Blade Louver provides superior weather protection in severe weather design conditions. The drainable "Inverted Y" blade design, combined with a drainable head, diverts collected water down concealed side downspouts and out through the sill, effectively preventing water infiltration. Blades are reinforced with full length integral bosses for superior strength. Suitable for use in exhaust and medium to high velocity intake applications in extreme weather. Available in channel, flanged, or glazing adapter type, the 5" (127) deep frame installs easily in most common wall configurations. Nailor Model 1605WD is AMCA Licensed for Wind-Driven Rain, Water Penetration and Air Performance.



Model 1605WD



Model 1606WD

**MODEL 1606WD
EXTRUDED ALUMINUM STATIONARY LOUVER
WIND-DRIVEN RAIN RESISTANT**

Nailor Model 1606WD Wind-Driven Resistant Horizontal Drainable Blade Louver provides maximum weather protection in a 6" (152) deep frame, with pleasing sight-proof aesthetics that compliment any structure's exterior styling. Suitable for use in exhaust and low to medium velocity intake applications, the drainable head and drainable blade design divert collected water down concealed side downspouts and out the sill. Blades are reinforced with full length integral bosses for superior strength and the 6" (152) deep channel or optional flanged frame installs easily in most common wall configurations. Model 1606WD is AMCA Licensed for Wind-Driven Rain, Water Penetration and Air Performance.

**MODELS 1604AD, 1606AD & 1606CDAF
EXTRUDED ALUMINUM LOUVERS
ADJUSTABLE BLADE & COMBINATION LOUVERS**

Nailor Models 1604AD and 1606AD Adjustable Drainable Blade Louvers combine superior weather protection and pleasing aesthetics with airflow control. Nailor Model 1606CDAF is a combination louver and damper that incorporates front stationary drainable blades and rear adjustable airfoil blades, all within a single frame. Low torque, concealed linkage blade control can be operated manually or with an actuator to provide tight shut-off when desired. Suitable for use in exhaust and low to medium velocity intake applications. Available in channel or flanged type, the 4" (102) or 6" (152) deep frame installs easily in most common wall configurations. Nailor Models 1604AD, 1606AD and 1606CDAF are AMCA Licensed for Water Penetration and Air Performance.



Models 1604AD, 1606AD (w/ Concealed Actuator) & 1606CDAF



Model 1600PHM

**MODELS 1600PHM & 1600PHB
EXTRUDED ALUMINUM LOUVERED PENTHOUSES**

Nailor Model 1600PHM (mitered corner) and 1600PHB (boxed corner) Extruded Aluminum Penthouses offer an aesthetically appealing option of concealing mechanical rooftop equipment or protecting air intake/relief openings from outside elements. Available in a multitude of blade configuration styles for most applications. A variety of finishes, construction options and accessories are available to meet any job specific requirement.

**MODELS 1704J & 1706J
FORMED STEEL LOUVERS
ARCHITECTURAL BLADE**

Nailor Models 1704J and 1706J are architecturally styled louvers utilizing J style blades, designed with smooth, clean lines that visually compliment any structure's exterior styling. Galvanized steel construction is economical, durable and can withstand the most demanding conditions. The blade design features a rear water baffle and provides good protection against general weather conditions, with low pressure drop characteristics and a high free area. Suitable for use in ventilation, exhaust and low to medium velocity intake applications. Available in channel or flanged type, the 4" (102) or 6" (152) deep frame installs easily in most common wall configurations.



Models 1704J and 1706J



Models 1704D and 1706D

**MODELS 1704D & 1706D
FORMED STEEL LOUVERS
DRAINABLE BLADE**

Nailor Models 1704D and 1706D provide extraordinary weather protection with great air performance and pleasing aesthetics that compliment any structure's exterior styling. The drainable blade design features a rain gutter that diverts collected water down concealed side downspouts and out through the sill. Suitable for use in exhaust and low to medium velocity intake applications where water penetration concerns are a priority. Nailor Model 1706D is AMCA Licensed for Water Penetration and Air Performance.

**MODELS 1704DHP & 1706DHP
FORMED STEEL LOUVERS
HIGH PERFORMANCE, DRAINABLE BLADE**

Nailor Models 1704DHP and 1706DHP combine exceptional air performance and excellent weather protection with smooth, clean lines that visually compliment any structure's exterior styling. The drainable blade design, constructed of durable galvanized steel, utilizes a rain gutter that prevent water from cascading from blade to blade and entering the air stream. Suitable for use in exhaust and low to medium velocity intake applications where water infiltration is a concern, the design also provides excellent air performance at higher velocities through its large free area. Nailor's high performance steel louvers are engineered to be durable, architecturally pleasing and cost effective.



Models 1704DHP and 1706DHP



Models 1704AD and 1706AD

**MODELS 1704AD & 1706AD
FORMED STEEL LOUVERS
ADJUSTABLE DRAINABLE BLADE**

Nailor Models 1704AD and 1706AD offer exceptional air performance and weather protection, architecturally pleasing aesthetics, and airflow control in one single unit. The economical and durable galvanized steel adjustable drainable blade design utilizes a rain gutter that diverts collected water down concealed side downspouts and out through the sill. Low torque concealed linkage blade control can be operated manually or with an actuator to provide tight shut-off when desired. Suitable for use in exhaust and low to medium velocity intake applications. Nailor's adjustable steel louvers are engineered to be aesthetically appealing as well as mechanically enduring.

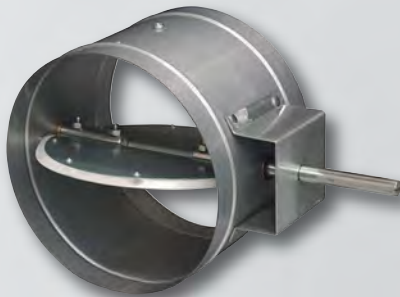
With today's stringent design criteria for energy efficient 'green' building technology and indoor air quality, individual product engineering, testing and quality of workmanship are more important than ever before. At Nailor Industries, our continuous research and development, combined with our commitment to quality in manufacturing, have resulted in premium control damper products at a reasonable cost. Our standard performance control dampers meet the requirements of the majority of low to medium velocity and pressure commercial HVAC systems and our high performance control dampers offer unsurpassed leakage that meet the International Energy Conservation Code (IECC) maximum leakage for building envelope dampers criteria of 3 cfm/ft.² @ 1" w.g. (5.1 L/s·m² @ 250 kPa) and offer low pressure drop characteristics suitable for use in high velocity, medium pressure commercial and industrial applications.

**MODELS 1010 & 1020
LOW LEAKAGE CONTROL DAMPER
VEE GROOVE BLADE**

Model 1010 and 1020 Low Leakage Control Dampers are Nailor's most popular choice for use in low to medium velocity and pressure commercial HVAC systems. They are low cost, high quality dampers that meet the frequently specified leakage criteria of less than 10 cfm per sq. ft. at 4" w.g. (0.5% at 2000 fpm). The design features include galvanized steel construction, a sturdy hat channel frame with die-formed corner gussets providing superior structural strength equivalent to 13 ga. (2.4) channel type frames, extruded PVC blade seals, a vee groove blade design that maximizes strength and optimizes airflow and a no-maintenance concealed linkage located out of the air stream for reduced pressure drop, air turbulence and noise.



Models 1010 & 1020



Model 1090

**MODEL 1090
LOW LEAKAGE CONTROL DAMPER
ROUND DUCT**

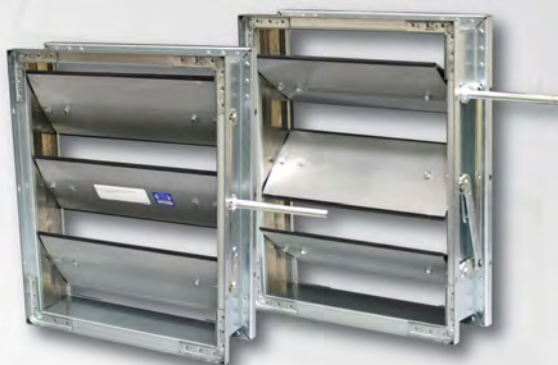
Model 1090 is an ultra-low leakage round control damper which has been designed for all types of round ductwork applications and is suitable for use in low to medium pressure and velocity commercial HVAC systems. The 1090 installs quickly and easily, saving money on installation costs. The damper can be used for two position or modulating control using electric or pneumatic actuators or can also be used as a manual balancing damper when used with the optional hand locking quadrant and positive shut-off is required.

**MODELS 1110 & 1120
HIGH PERFORMANCE CONTROL DAMPER
STEEL AIRFOIL BLADE**

Model 1110 and 1120 High Performance Control Dampers are Nailor's most economical airfoil blade control damper, suitable for use in low to medium pressure and velocity commercial HVAC systems. Design features include a steel airfoil blade for low pressure drop and reduced noise, sturdy galvanized steel hat channel frame with die-formed corner gussets for reinforcement and structural strength equivalent to 13 ga. (2.4) channel type frames and no-maintenance concealed linkage out of the airstream for reduced pressure drop and air turbulence. A variety of electric or pneumatic actuators are available for factory or field mounting. Models 1110 and 1120 Control Dampers are AMCA licensed for Air Leakage and Air Performance.



Models 1110 & 1120



Models 2010 & 2020

**MODELS 2010 & 2020
HIGH PERFORMANCE CONTROL DAMPER
EXTRUDED ALUMINUM AIRFOIL BLADE**

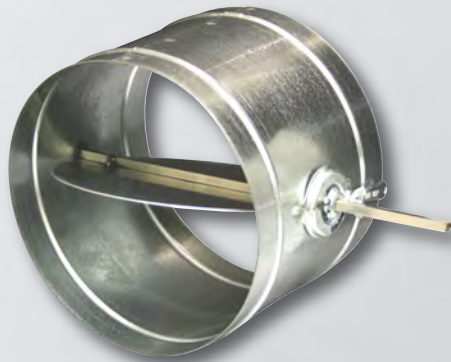
Models 2010 and 2020 High Performance Extruded Aluminum Airfoil Blade Control Dampers are ideal for use in high velocity, medium pressure commercial and industrial HVAC systems. Standard features include a rugged galvanized steel hat channel frame with superior structural strength, no-maintenance concealed linkage located out of the airstream, totally enclosed within the damper frame, and heavy duty extruded aluminum airfoil blades that combine superior rigidity and deflection resistance with low pressure drop. Unique compression type seals are keyed and locked into blade extrusion offering extraordinary leakage and pressure drop characteristics. Model 2020 Opposed Blade Control Damper is AMCA licensed for Air Leakage and Air Performance.

**MODELS 1810 & 1820
MANUAL BALANCING DAMPERS
STEEL**

Models 1810 and 1820 have been engineering and designed for manual balancing applications in low to medium pressure and velocity commercial HVAC systems. Ruggedly built, they provide a cost effective and reliable damper for reduced volume control and offer an economical manufactured product alternative to custom 'shop built' dampers that exceed the volume damper designs recommended by SMACNA. Features include a sturdy galvanized steel hat channel frame with die-formed corner gussets for reinforcement and superior structural strength, a vee groove blade design that maximizes strength and optimizes airflow and no-maintenance concealed linkage located out of the airstream, totally enclosed within the damper frame for reduced air turbulence, noise and pressure drop.



Models 1810 & 1820



Model 1890

**MODEL 1890
MANUAL BALANCING DAMPER
ROUND DUCT**

Model 1890 Manual Balancing Damper is a steel butterfly damper designed for all types of round ductwork balancing applications and is suitable for use in low pressure and velocity commercial HVAC systems. The design features a sturdy beaded casing ideal for round spiral ductwork connections, and a corrosion resistant steel blade that can be locked in any position with the hand quadrant that is supplied as standard with the damper. The 1890 installs quickly and easily and becomes part of the ductwork, saving time and money on installation costs and is an economical alternative to a shop built damper.

**MODELS 1370(CB) & 1380(CB)
BACKDRAFT (COUNTERBALANCED) DAMPER
EXTRUDED ALUMINUM • LIGHT/MEDIUM DUTY**

Models 1370(CB) and 1380(CB) are extruded aluminum backdraft dampers for use in commercial HVAC applications to pass airflow in one direction and to prevent airflow in the opposite direction. Standard features include a corrosion resistant extruded aluminum reinforced mitered corner frame that resists racking, aerodynamic extruded aluminum blades that overlap the jambs for maximum weather protection, extruded PVC blade seals that provide quiet closure as well as extra weather protection, corrosion resistant long life synthetic bearings and a concealed blade linkage for low pressure drop that provides smooth operation. Counterbalance models also available.



Model 1370



Model 1390CB

**MODEL 1390CB
COUNTERBALANCED BACKDRAFT DAMPER
HIGH PERFORMANCE • STEEL FRAME • HEAVY DUTY**

Model 1390CB is a counterbalanced backdraft damper designed for pressure relief to automatically assist in maintaining and limiting desired pressures in medium to heavy duty commercial and light duty industrial HVAC or process air systems. The unique extruded aluminum blade design and fully adjustable counterbalance assembly offer pressure relief at extremely low pressure differentials. The rugged steel mitered corner frame is reinforced to resist racking, and ball bearings provide extreme sensitivity and ultra-smooth operation. Neoprene blade seals provide quiet closure as well as extra weather protection.

**MODELS 1510, 1520, 1517 & 1527
HEAVY DUTY CONTROL DAMPERS**

Model Series 1500 Heavy Duty Control Dampers are designed with a U-channel frame and Vee style blades. Features include an adjustable face linkage design and stainless steel pivot pins which provide smooth control and easy maintenance. They are designed for "in-duct" mounting applications to control airflow and provide positive shut-off in HVAC or process air systems. Available with parallel or opposed blade operation. A variety of options make this damper extremely versatile and enable it to be tailored to the specific application.



Model 1510

**MODELS 1910, 1920, 1917 & 1927
HEAVY DUTY INDUSTRIAL CONTROL DAMPERS**

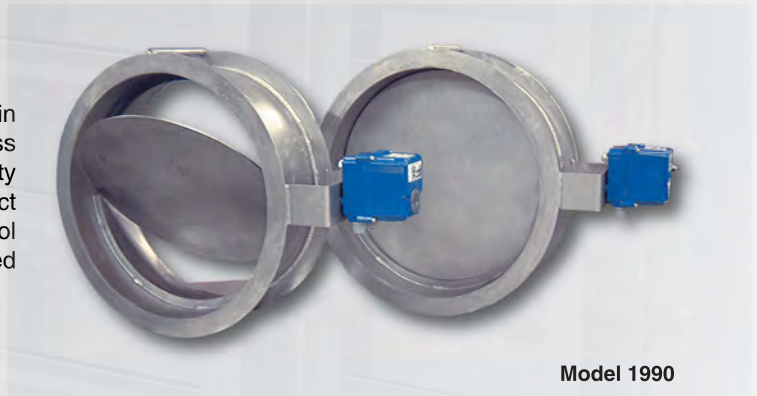
Model 1910 & 1920 Heavy Duty Industrial Control Dampers are designed for use in medium to high pressure industrial HVAC or process air systems. Features include a Vee blade design that offers precise airflow control or shut-off. Models 1917 & 1927 are suitable for higher velocity/pressure applications, featuring a heavy duty flanged frame, with optional bolt holes, that connects easily to flanged duct for fast, secure installation. Ideal for two-position or modulating control utilizing a selection of electric or pneumatic actuators, or can be operated manually with the optional hand locking quadrant.



Model 1910

**MODEL 1990
HEAVY DUTY ROUND INDUSTRIAL CONTROL DAMPERS**

Model 1990 is a heavy duty, butterfly type damper designed for use in medium pressure and velocity industrial HVAC applications or process air systems, offering precise airflow control or shut-off. The heavy duty flanged frame, with optional bolt holes, connects easily to flanged duct for fast, secure installation. Ideal for two-position or modulating control utilizing a variety of electric or pneumatic actuators, or can be operated manually with the optional locking hand quadrant.



Model 1990

**MODEL 1995
HEAVY DUTY ROUND INDUSTRIAL ISOLATION DAMPERS**

Model 1995 is an extra heavy duty, industrial butterfly type damper designed for use in high pressure and velocity industrial HVAC applications or process air systems, offering precise airflow control or shut-off. The heavy duty flanged frame, with optional bolt holes, connects easily to flanged duct for fast, secure installation. Ideal for two-position or modulating control utilizing a variety of electric or pneumatic actuators, or can be operated manually with the optional locking hand quadrant.



Model 1995

All Nailor dynamic fire dampers have been tested to a minimum 2000 fpm (10 m/s) @ 4" w.g. (1 kPa) per the latest UL 555 Safety Standard. Since 1971, Nailor Industries, Inc. fire dampers have been a critical component of HVAC systems in commercial and industrial buildings. As an industry leader, Nailor's commitment to quality construction and product development has helped limit property damage and make buildings safer for occupants all over the world by restricting the passage of flame and smoke. Building codes require fire dampers to maintain the fire resistance ratings of walls, partitions and floors which have been penetrated by ducts or other similar openings. Nailor provides a variety of dampers to suit the wide array of structures that require protection, whether a dynamic (fans operate during emergency) or static (fans shut down) type HVAC system is utilized.

**MODEL SERIES (D)0100 (1 1/2 HR.) & (D)0500 (3 HR.)
DYNAMIC OR STATIC CURTAIN FIRE DAMPERS**

Series (D)0100 (1 1/2 Hr.) & (D)0500 (3 Hr.) Curtain Fire Dampers are UL approved for use where building codes require protection of HVAC ductwork penetrations in walls, partitions or floors that have a fire resistance rating of 2 hours or less, [(D)0100], or 4 hours [(D)0500]. Dynamic and horizontal static dampers feature stainless steel closure springs for assured damper closure. Model Series D01X4-1X includes an integral sleeve to make jobsite installation fast and simple.



Model D0110



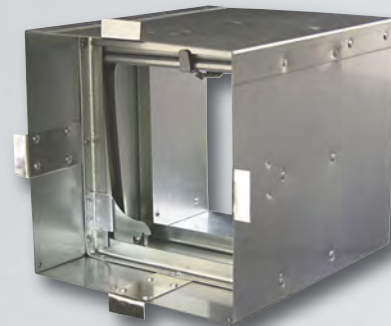
Model D0114HY

**MODEL SERIES D01X4HY (1 1/2 HR.)
DYNAMIC CURTAIN FIRE DAMPERS
HYBRID • INTEGRAL SLEEVE**

Series D01X4HY Hybrid Integral Sleeve Curtain Type Fire Dampers are UL approved for use where building codes require protection of HVAC ductwork penetrations in walls, partitions or floors that have a fire resistance rating of 2 hours or less, designed and classified for use in dynamic "fans on" systems where the HVAC system remains operational in the event of a fire. Features include stainless steel closure springs for assured damper closure under airflow and cost effective hybrid blade design. Model Series D01X4HY Dynamic Curtain Type Fire Dampers include an integral sleeve to make jobsite installation fast and simple.

**MODEL SERIES (D)0100G (1 1/2 HR.)
DYNAMIC OR STATIC CURTAIN FIRE DAMPERS
INTEGRAL SLEEVE FOR GRILLE MOUNT**

Model Series (D)0100G Curtain Fire Dampers are designed for use in conjunction with a steel grille when ductwork terminates at an opening in a fire rated wall/partition. This unique product utilizes special grille mounting tabs on the sleeve that eliminates the requirement for unsightly retaining angles which commonly protrude from behind the grille. A steel grille installs over and completely conceals the mounting tabs for a clean, aesthetic finish. The fire damper is offset in the sleeve to accommodate a single or double deflection supply air grille, single deflection supply air register or a return air grille or register. Countersunk screw holes in the grille frame will match to mounting tabs when a Nailor grille is ordered in conjunction with the damper assembly.



Model D0110G



Model D0110GOW

**MODEL SERIES (D)0110GOW (1 1/2 HR.)
DYNAMIC OR STATIC CURTAIN FIRE DAMPERS
OUT OF WALL • INTEGRAL SLEEVE FOR GRILLE MOUNT**

Model (D)0110GOW is an "out of wall or floor" Integral Sleeve Curtain Fire Damper specifically designed for supply or return ducts that terminate at a grille or register. UL approved for use where local building codes require the protection of HVAC ductwork penetrations in walls, partitions or floors that have a fire resistance rating of up to 2 hours. The design provides sufficient damper off-set to accommodate most commercial grille/register designs while ensuring an approved installation in any fire partition or wall no matter how narrow. This model is particularly suited for use in common steel stud drywall partition designs as narrow as 3 1/2" (89), where a traditional "within the plane of the wall" fire damper installation is not possible.

MODEL SERIES 0200V/H (1 1/2 HR.)

THINLINE FRAME

Series 0200V/H Thinline Frame Static Curtain Fire Dampers are UL approved for use where building codes require the protection of HVAC ductwork penetrations in walls, partitions or floors that have a fire resistance rating of 2 hours or less, classified for use only in static "fans off" systems where the HVAC system is automatically shut down in the event of a fire alarm. Series 0200 Thinline Frame Dampers are only 2" (51) deep making them ideal for installation in narrow fire rated partitions, transfer duct openings, behind grilles or in any other application where space is limited.



Model 0210V



Model 0310V

MODEL 0310V/H (1 1/2 HR.)

WIDE FRAME

Model 0310V/H Wide Frame Static Curtain Fire Damper is UL approved for use where local building codes require the protection of HVAC ductwork penetrations in walls, partitions or floors that have a fire rating of 2 hours or less, classified for use only in static "fans off" systems where the HVAC system is automatically shut down in the event of a fire alarm. The wide frame allows for fewer blades and is ideal for use when maximum free area is desired in situations where space or design does not yield room for a Type B damper style.

MODELS 0510V/H, 0520V/H, 0530V/H (3 HR.)

STANDARD FRAME

Models 0510V/H, 0520V/H and 0530V/H Standard Frame Static Curtain Fire Dampers, for use in static "fans off" systems where the HVAC system shuts down in the event of a fire, are UL approved to provide protection of HVAC ductwork penetrations in walls, partitions or floors that have a fire resistance rating of 4 hours or less. The 0500V/H Series features corrosion resistant steel frame and blades for performance that will last and a choice of transition styles and factory installed sleeves to suit duct size, making installation fast and simple.



Model 0510V



Model 0570V

MODELS 0570V, 0580V, 0590V (3 HR.)

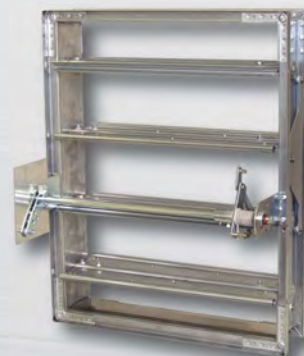
THINLINE FRAME

Models 0570V, 0580V and 0590V Thinline Static Curtain Fire Dampers are UL approved for use where building codes require the protection of HVAC ductwork penetrations in vertical fire separations (walls or partitions) that have a fire resistance rating of 4 hours or less, classified for use in static "fans off" systems where the HVAC system is automatically shut down in the event of a fire alarm. These thinline dampers are only 2" (51) deep, making them ideal for installation in narrow fire rated partitions, transfer duct openings, behind grilles or any other application where room is limited. They feature corrosion resistant steel frame and blades for lasting performance and a choice of transition styles and factory installed sleeves to suit duct size, making installation fast and simple.

All Nailor multi-blade dampers are UL 555 tested and classified for a 1 1/2 or 3 hour fire ratings, up to 4000 fpm @ 4" w.g., dependent on model. Over the past 100 years, the US and other industrial countries have experienced a dramatic decrease in deaths attributed to fires in commercial and industrial-use buildings. As the focus of modern commercial and industrial building construction continues to become increasingly life safety oriented, fire containment and smoke management systems are being utilized to a higher degree as more sophisticated technology is developed and implemented into building codes. Resulting property damage is minimized and occupant safety is maximized. Nailor Industries' commitment to the development of new and existing fire and smoke control technology has resulted in a comprehensive line of premium quality smoke, fire and combination fire/smoke dampers and accessories, available at a reasonable cost and in a timely fashion. Nailor's 'multi-blade' type fire dampers are available in several blade and frame styles with a multitude of options to suit most commercial and light industrial applications.

**MODEL SERIES (D)1200 (1 1/2 HR.) & D1200-3 (3 HR.)
DYNAMIC OR STATIC MULTI-BLADE FIRE DAMPER
AIRFOIL BLADE**

Model Series (D)1200 and (D)1200-3 Airfoil Multi-blade Fire Dampers provide the ultimate in fire containment for both static and dynamic HVAC systems. The design utilizes an innovative inter-locking double skin airfoil blade that maintains a complete barrier throughout the fire test with absolutely no visible through-gaps. Amazingly, the damper gets tighter as it gets hotter! Ideal for use where building codes require a fire damper for the protection of ductwork penetrations in walls or floors with a low pressure drop design suitable for high velocity applications. Premium performance, versatility and assured closure under airflow make the Nailor Multi-Blade Fire Dampers an excellent choice for the majority of today's commercial applications.



Model D1200



Model D1250

**MODEL SERIES D1250 (1 1/2 HR.) • DYNAMIC OR STATIC
MULTI-BLADE FIRE DAMPER • VEE-GROOVE BLADE**

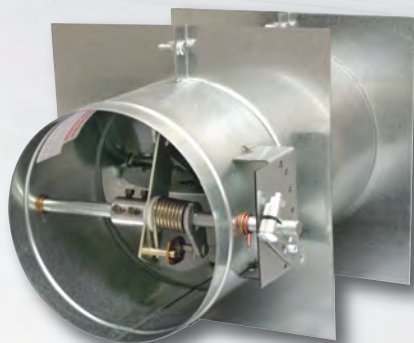
Model Series D1250 provides 1 1/2 hour UL labeled fire protection suitable for use where ductwork penetrates a wall or floor with a fire resistance rating of up to 2 hours. Nailor's most popular and economical design features sturdy vee groove style blades and a rugged mitered corner hat channel frame design that virtually eliminates racking. The over-center/knee lock with high torque spring/fusible link assures fail-safe closure during fire conditions under airflow. The D1250 series is approved for use in both static and dynamic HVAC system designs, and is an economical and versatile performer, available with a factory fitted sleeve and choice of transition styles, suitable for use in the majority of today's commercial applications.

**MODEL SERIES D1200SS (1 1/2 HR.) & D1200SS-3 (3 HR.)
DYNAMIC FIRE DAMPER
AIRFOIL BLADE • STAINLESS STEEL**

Model Series D1200SS and D1200SS-3 Stainless Steel Airfoil Multi-blade Fire Dampers provide the ultimate in fire containment for both static and dynamic HVAC systems, ideal for use high humidity or corrosive environments where building codes require a fire damper for the protection of ductwork penetrations in walls or floors. Available in either Type 304 or 316 Stainless Steel, premium performance, rugged construction and assured closure under airflow make the D1200SS and D1200SS-3 series dampers an excellent choice for the majority of today's commercial and light industrial applications.



Model D1200SS



Model 1290F

**MODEL 1290F(-SS) (1 1/2 HR.)
DYNAMIC OR STATIC FIRE DAMPER • TRUE ROUND**

Model 1290F(-SS) is an economical true round fire damper designed and qualified for point-of-origin fire containment where round ductwork passes through metal stud drywall partitions or masonry walls that have a fire resistance rating of up to 2 hours and building codes require a fire damper. Features include the industry proven over-center/knee lock design with high torque spring/fusible link closure which provides fail-safe security during fire conditions under airflow. Each damper is supplied as standard with retaining plates for fast secure installation and a hand locking quadrant which holds the damper in the fully open position, but may also be used for system balancing if required. The 1290F-SS is available in either Type 304 or Type 316 Stainless Steel.

**MODEL D1201-DOW (1 1/2 HR.)
OUT OF WALL DYNAMIC FIRE DAMPER
AIRFOIL BLADE • DUCTED BOTH SIDES**

Model D1201-DOW is an "out of wall" (vertical mount) or "out of floor" (horizontal mount) high performance dynamic fire damper for through penetration applications (ductwork is connected to both sides) where the damper cannot be installed within the plane of the wall or floor. Innovative design features include inter-locking double skin blades that eliminate combustible seals and provide flame protection under fire conditions at temperatures up to 2000°F (1366°C) and premium performance and a low pressure drop well suited to the majority of commercial applications. The D1201-DOW is ideal for applications where building codes require a fire damper for the protection of ductwork penetrations in walls or floors that have a fire resistance rating of up to 2 hours.



Model D1201-DOW



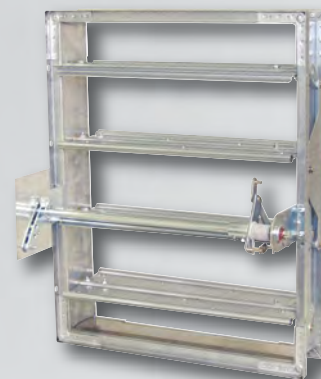
Model D1201-OW

**MODEL D1201-OW (1 1/2 HR.)
OUT OF WALL DYNAMIC FIRE DAMPER
AIRFOIL BLADE • GRILLE MOUNT**

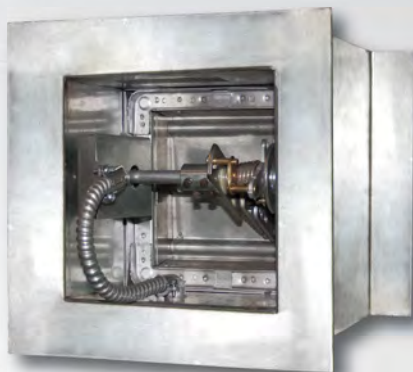
Model D1201-OW is an "out of wall" high performance dynamic fire damper specifically designed for supply or return ducts that terminate at a grille and provides through the grille access to the damper. Standard sleeve length accommodates most commercial supply and return grilles/registers. It offers premium performance and a low pressure drop well suited to the majority of commercial applications. Unique, inter-locking double skin blade design eliminates combustible seals and provides flame protection under fire conditions at temperatures up to 2000°F (1366°C). The D1201-OW is supplied as standard with an internal locking quadrant which holds the damper in the fully open position, but may also be used for system balancing if required.

**MODEL SERIES 1200SS (1 1/2 HR.) & 1200SS-3 (3 HR.)
STATIC FIRE DAMPER
AIRFOIL BLADE • STAINLESS STEEL**

Model Series 1200SS and 1200SS-3 Stainless Steel Airfoil Multi-blade Fire Dampers are classified for use only in static "fans off" systems where the HVAC system is automatically shut down in the event of a fire alarm. The 1200SS and 1200SS-3 series dampers have been designed and tested to provide premium performance, available in either Type 304 or 316 Stainless Steel, ideal for use in high humidity and mildly corrosive environments where building codes require a fire damper for the protection of ductwork penetrations in walls or floors. The airfoil blade design and elimination of blade sills, top and bottom, provide a low pressure drop design.



Model 1200SS



Model 1201-MDG

**MODELS 1201-MDG & 1201-MDS
MULTI-BLADE MARINE FIRE DAMPERS**

Model Series 1201-MDG and 1201-MDS are Multi-Blade Low Leakage Fire Dampers for use in marine applications which require USCG approval for installation on Class A-60 divisions. Unique airfoil blade design provides low pressure drop, particularly suited for high velocity applications. Standard features include a rugged hat channel frame, 12" (305) factory fitted sleeve, concealed in-frame linkage and stainless steel jamb seals for low leakage performance. Models 1201-MDG and 1201-MDS may be installed vertically, with blades running horizontal, or horizontally.

All Nailor smoke dampers are UL 555S tested and classified for Class I or II leakage @ 250° or 350°F elevated temperature, up to 4000 fpm @ 4" w.g., dependent on model. It is widely accepted that fire destroys property and smoke is responsible for the vast majority of fire related occupant deaths. Smoke dampers have two general applications: 1) They may be applied in a "Passive Smoke Control System" where they simply close and prevent the circulation of air and smoke through a duct or a ventilation opening in a smoke barrier, or 2) They may be applied as part of an "Engineered Smoke Control System" designed to control the spread of smoke using floors and walls as barriers. The latter method utilizes the building's HVAC system and/or dedicated fans to create pressure differences that surround a fire area to prevent the spread of smoke from the fire zone into other areas of the building. Smoke dampers are motorized with electric or pneumatic actuators and may be controlled by a smoke or heat detector signal, a fire alarm signal or in a variety of ways by the building control system to accomplish the intent of the design. Nailor Industries' commitment to the development of new and existing fire and smoke control technology has resulted in a comprehensive line of premium quality smoke dampers and accessories, available at a reasonable cost and in a timely fashion.

MODEL SERIES 1280

EXTRUDED ALUM. AIRFOIL BLADE • PREMIUM PERFORMANCE

Model Series 1280 is the premium choice for applications where a leakage rated smoke damper is required as part of a static smoke control or dynamic smoke management system. The design features a smoothly contoured extruded aluminum airfoil blade and compression type seals that have been designed to offer the lowest leakage class available with airflow in either directions. Together with a concealed linkage, out of airstream, the design provides an ultra-low pressure drop and minimizes unwanted turbulence and noise generation. A rugged 16 ga. (2.0) frame with reinforced mitered corners and die-formed corner gussets combine performance with durability.



Model 1280



Model 1210

MODEL SERIES 1210

STEEL AIRFOIL BLADE • STANDARD PERFORMANCE

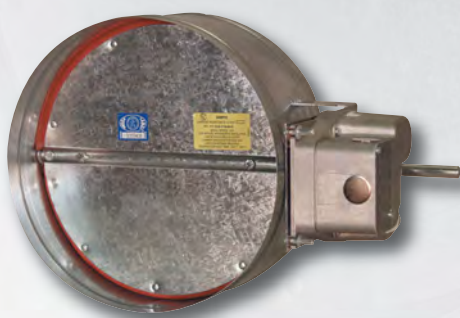
Model Series 1210 Smoke Dampers feature an innovative inter-locking double skin steel airfoil blade design that eliminates the need for combustible blade seals that typically burn off during fire conditions. The unique blade design combines high performance and low pressure drop while providing complete flame and smoke seal. Available at standard dynamic velocity/pressure ratings of 2000 fpm @ 4" w.g. (10 m/s @ 1 kPa), UL tested for extended ratings up to 4000 fpm @ 8" w.g. (20 m/s @ 2 kPa), Model Series 1210 has been designed and tested to provide premium performance. Features include an economical steel airfoil blade, low pressure drop frame design and maintenance free concealed blade linkage for superb air performance, turbulence and noise.

MODEL SERIES 1260 • VEE GROOVE BLADE

Nailor 1260 Series Smoke Dampers are a ruggedly built economical choice for use where a smoke barrier has been penetrated by ductwork or where a leakage rated smoke damper is required in a static or dynamic smoke control system. The 1260 Series dampers are classified to UL Standard 555S Class I or II at 250°F (121°C) or 350°F (177°C) Elevated Temperatures, and are available with type B and C enclosures for small sizes and round ductwork. Design features include an economical steel vee groove style blade design that provides unmatched strength and durability, low pressure drop frame design and maintenance free concealed blade linkage for superb air performance, minimal turbulence and noise.



Model 1260



Model 1290S

MODEL 1290S(-SS) • TRUE ROUND

Model 1290S(-SS) is a True Round Smoke Damper ideal for round ductwork applications where building codes require a leakage rated smoke damper for operational smoke control in static or dynamic smoke management systems. Features include a sturdy beaded casing for superior rigidity and a heavy duty 14 ga. (2.0) equivalent laminated blade that is double bolted to axles for positive connection. The 1290S(-SS) smoke damper is designed and tested to provide premium performance and offers the lowest leakage class available, qualified for installation with airflow in either direction and inverted mounting. Model 1290S(-SS) is available in either Type 304 Stainless Steel as standard or Type 316 Stainless Steel for more severe environment applications.

MODEL SERIES 1210BAL AIRFOIL BLADE • BALANCING ACTUATOR

Model Series 1210BAL Balancing Smoke Dampers are ideal for applications requiring smoke management during hazardous conditions as well as duct balancing during normal operation. Using a 3 position actuator with a built-in potentiometer, the damper blades can be positioned without the need for an input control signal. When energized in normal operation, the damper goes to the set position to balance the airflow or a fully open/closed position during smoke conditions, depending on system design, as part of a static or dynamic smoke management system. Model Series 1210BAL smoke dampers have been designed and tested to provide premium performance. Airfoil blade design and elimination of blade sills, top and bottom, provide an exceptionally low pressure drop design. Unique, inter-locking double skin blade design provides flame and smoke seal under fire conditions, maintaining leakage class at temperatures up to 2000°F (1093°C)!



Model 1210BAL



Model 1210M

MODEL SERIES 1210M AIRFOIL BLADE • MODULATING ACTUATOR

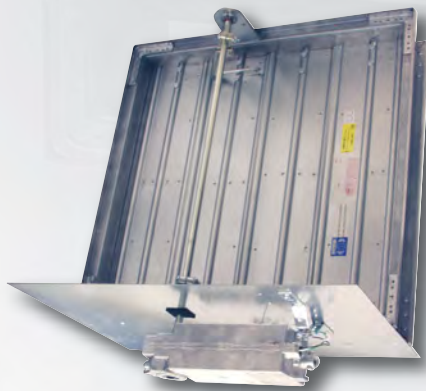
Model Series 1210M Modulating Smoke Dampers are classified for use as a volume control damper in applications where building codes require a leakage rated smoke damper as part of a static smoke control or dynamic smoke management system. The 1210M Series has been designed and tested to offer premium performance, tested and certified to offer the lowest leakage class available and is qualified for vertical or horizontal installation with airflow in either direction. Airfoil blade design and elimination of blade sills, top and bottom, provide lowest pressure drop. Unique inter-locking double skin blade design eliminates combustible blade seals and provides flame and smoke seal under fire conditions.

MODEL SERIES 1210SS AIRFOIL BLADE • STAINLESS STEEL

Model Series 1210SS Stainless Steel Airfoil Blade Smoke Dampers are ideal for high humidity, mildly corrosive or, with optional Type 316 construction, more severe environment applications where building codes require a leakage rated damper for operational smoke control in static or dynamic smoke management systems. Model Series 1210SS dampers have been designed and tested to provide premium performance and offers the lowest leakage class available, qualified for installation with airflow in either direction and inverted mounting. Features include a stainless steel airfoil blade, low pressure drop frame design and maintenance free concealed blade linkage for superb air performance, minimal turbulence and noise.



Model 1210SS



Model 1210VB

MODEL SERIES 1210VB VERTICAL AIRFOIL BLADE

Model Series 1210VB Vertical Blade Smoke Damper is a high performance smoke damper that provides superior protection and versatility. The vertical blade configuration allows for the actuator to be mounted below the damper and is ideal for applications where bottom access is desired or where there isn't space for a side mounted actuator. Model Series 1210VB dampers are ideal for applications where building codes require a leakage rated smoke damper as part of a static smoke control or dynamic smoke management system. The 1210VB Series has been designed and tested to provide premium performance, offers the lowest leakage class available and is qualified for installation with airflow in either direction. Airfoil blade design, elimination of blade sills and a maintenance free concealed blade linkage provide superb air performance and low pressure drop.

All Nailor combination fire/smoke dampers are UL 555S tested and classified for 1 1/2 or 3 hour fire rating, Class I or II leakage @ 250° or 350°F elevated temperature, up to 4000 fpm @ 4" w.g., dependent on model. As today's modern commercial and industrial building construction becomes increasingly life safety oriented, fire containment and active smoke management systems are being utilized to a higher degree as more sophisticated technology is developed and implemented into building codes. The development process begins with the understanding of fire and smoke behavior through the research and study of real life emergency situations, and culminates in the design, testing of, and ultimate use of new products to better control and manage the ravages of fire and smoke. Thus, resulting property damage is minimized and occupant safety is maximized. Nailor Industries' commitment to the development of new and existing fire and smoke control technology has resulted in a comprehensive line of premium quality smoke, fire and combination fire/smoke dampers and accessories, available at a reasonable cost and in a timely fashion.

MODEL SERIES 1220 (1 1/2 HR.) AND 1220-3 (3 HR.) AIRFOIL BLADE • PREMIUM PERFORMANCE

Model Series 1220 and 1220-3 Combination Fire/Smoke Dampers provide the ultimate in fire containment and smoke control for both static and dynamic smoke management systems. They utilize an innovative inter-locking double-skin airfoil blade design that provides a flame and smoke seal, eliminating the need for synthetic blade seals which burn out during fire conditions, and maintains its leakage class up to 2000°F (1093°C) - a feature no other fire/smoke damper in the industry can offer!

Ideal for use where building codes require both a fire damper to protect ductwork penetrations in fire separations and a leakage rated damper for use in smoke management systems, it is available with Leakage Class I or II at 250°F (121°C) or 350°F (177°C). Available at standard dynamic velocity/pressure rating of 2000 fpm @ 4" w.g. (10 m/s @ 1 kPa), UL tested with extended ratings up to 4000 fpm (20 m/s) and 8" w.g. (2 kPa). Model Series 1220 and 1220-3 have been especially designed and tested to provide premium performance and are AMCA licensed. Qualified for installation with airflow in either direction and inverted mounting.



Model 1221



Model 1221G

MODEL 1221G (1 1/2 HR.) AIRFOIL BLADE • GRILLE MOUNT

Model 1221G is a high performance combination fire/smoke damper specifically designed for supply or return ducts that terminate at a grille. The factory sleeve with unique 3/4" (19) grille mounting tabs simplifies installation, saves on field labor and eliminates the requirements for unsightly front retaining angles which commonly protrude from behind the grille. A steel grille installs over and completely hides the mounting tabs. The damper is offset in the sleeve to accommodate a single or double deflection supply air grille, single deflection supply air register or a return air grille or register.

MODEL SERIES 1220VB (1 1/2 HR.) AIRFOIL BLADE • VERTICAL

Model 1221VB is a high performance combination fire/smoke damper that provides superior protection and versatility. The vertical blade configuration allows for the actuator to be mounted below the damper and is ideal for applications where bottom access is desired or where there is not enough space for a side mounted actuator.



Model 1221VB

**MODEL SERIES 1270 (1 1/2 HR.)
VEE GROOVE BLADE**

Model Series 1270 combination fire/smoke dampers, with sturdy vee-groove style blades and a rugged mitered corner hat channel frame design that virtually eliminates racking, provides 1 1/2 hour UL labeled fire protection suitable for use where ductwork penetrates a wall or floor with a fire resistance rating of 2 hours or less. The 1270 Series is UL tested and labeled for use as a Class I or II Leakage Rated Damper for smoke control applications in both static or dynamic HVAC system designs. Available with factory fitted sleeve (Model 1271), and a variety of actuators and options to suit each application, the 1270 series is a versatile and economical performer suitable for most commercial applications.



Model 1270



Model 1271G

**MODEL 1271G (1 1/2 HR.)
VEE GROOVE BLADE • GRILLE MOUNT**

Model 1271G is a combination fire/smoke damper specifically designed for supply or return ducts that terminate at a grille. The sleeve with unique 3/4" (19) grille mounting tabs simplifies installation, saves on field labor and eliminates the requirements for unsightly front retaining angles which commonly protrude from behind the grille. A steel grille installs over and completely hides the mounting tabs. The damper is offset in the sleeve to accommodate a single or double deflection supply air grille, single deflection supply air register or a return air grille or register.

**MODEL SERIES 1220BAL (1 1/2 HR.) AND 1220BAL-3 (3 HR.)
AIRFOIL BLADE • BALANCING**

Model Series 1220BAL and 1220BAL-3 Balancing Fire/Smoke Dampers are ideal for applications requiring fire containment and smoke management during hazardous conditions as well as duct balancing during normal operation. Using a 3 position actuator with a built-in potentiometer, the damper blades can be positioned without the need for an input control signal. When energized in normal operation, the damper goes to the set position to balance the airflow, or a fully open/closed position in fire/smoke conditions, depending on system design.



Model 1221BAL

**MODEL SERIES 1220M (1 1/2 HR.) AND 1220M-3 (3 HR.)
AIRFOIL BLADE • MODULATING**

Model Series 1220M and 1220M-3 "3-in-1" Modulating Fire/Smoke Dampers have been engineered to provide premium containment in fire and smoke conditions with the addition of volume control via a modulating electric or pneumatic actuator that eliminates the need and cost of a separate control damper. Classified for use as a volume control damper in applications where building codes require both a fire damper for the protection of ductwork penetrations in walls or floors and a leakage rated damper for operational smoke control in static or dynamic smoke management systems.



Model 1221M

MODEL 1221-DOW (1 1/2 HR.)**AIRFOIL BLADE • OUT OF WALL DUCTED BOTH SIDES**

The Model 1221-DOW combination fire/smoke damper is specially designed for "out of wall" (vertical mount) or "out of floor" (horizontal mount) through penetration applications (ductwork is connected to both sides) where the damper cannot be installed within the plane of the wall or floor. It is ideal for applications where building codes require both a fire damper for the protection of ductwork penetrations in walls or floors that have a fire resistance rating of up to 2 hours and also require a leakage rated damper for operational smoke control in static or dynamic smoke management systems.



Model 1221-DOW



Model 1221-OW

MODEL 1221-OW (1 1/2 HR.)**AIRFOIL BLADE • OUT OF WALL GRILLE MOUNT**

Model 1221-OW is an "out of wall" high performance combination fire/smoke damper specifically designed for supply or return ducts that terminate at a grille. The design allows for through the grille access to the damper, actuator and other components. It features Nailor's unique inter-locking double skin airfoil blade design that eliminates combustible seals and provides flame and smoke seal under fire conditions at temperatures up to 2000°F (1093°C)!

MODEL 1290FS(-SS) (1 1/2 HR.)**TRUE ROUND**

Nailor's True Round Combination Fire/Smoke Damper, Model 1290FS (-SS), is ideal for round duct applications where building codes require both a fire damper for the protection of ductwork penetrations in walls or floor that have a fire resistance rating of up to 2 hours and a leakage rated damper for operational smoke control on static or dynamic smoke management systems.

Model 1290FS(-SS) is an economical round combination fire/smoke damper designed and qualified for round ductwork passing through metal drywall partitions or masonry walls. Features of the damper include a sturdy beaded casing for superior rigidity and factory supplied retaining plates for fast, secure installation. The 1290FS offers the lowest leakage class available, Leakage Class I or II at 250°F (121°C) or 350°F (177°C), and is approved for vertical or horizontal installation.



Model 1290FS

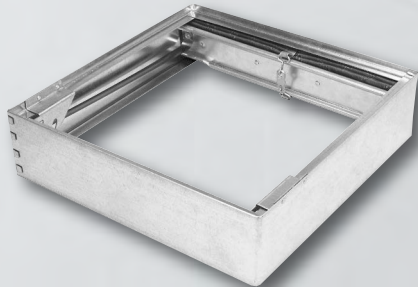
Since 1971, Nailor Industries has been committed to the innovation and development of life safety products such as the 0700 Series Ceiling Dampers. This commitment has helped foster industry standards, as well as provide worry free fire protection solutions that benefit today's building designers, owners and occupants. Standard UL 555C tested ceiling dampers are approved for use in lieu of hinged door type dampers in UL floor/ceiling or roof/ceiling assemblies, the Nailor 0700 Series provides a fire and heat barrier that has been tested and qualified to the most exacting standards. For square and rectangular applications, Model 0716 is available with standard blade construction or low profile blades, Model 0716-4. Round duct applications are covered by Model 0722. Nailor Model 0720 features a spring loaded curtain design that maximizes free area while providing a low overall profile. Options such as adjustable volume control are ideal for balancing at the grille/diffuser. Specialty UL 263 tested Models 0755 thru 0763 are specifically for use in wood truss ceiling assemblies and have been developed to meet specific requirements in today's building systems.

**MODELS 0716(A), 0716-4(A), 0714 & 0722(A)
FOR SQUARE, RECTANGULAR OR ROUND DUCTS**

Nailor ceiling dampers, or ceiling radiation dampers as they are commonly called, are designed to function as a fire and heat barrier in air duct openings penetrating fire resistive membrane ceilings. Models 0716, 0716-4 and 0714 are for use in square or rectangular applications and Model 0722 is for use in round applications, in lieu of hinged door type dampers in any UL floor/ceiling or roof/ceiling assembly with up to a 3 hour fire resistance rating where air ducts are allowed. Adjustable volume control available on (A) models.



Models 0716 & 0722



Model 0720

**MODEL 0720
CURTAIN TYPE
FOR SQUARE OR RECTANGULAR DUCTS**

Model 0720 ceiling radiation damper, which functions as a fire and heat barrier in air duct openings that penetrate fire resistive membrane ceilings, is for use in lieu of hinged door type dampers in any UL floor/ceiling assembly with up to a 3 hour fire resistance rating where air ducts are permitted. Model 0720 features a specially designed 'pull across' insulated curtain that provides a low overall profile, making it ideal for use in applications where the available duct drop height for installation is limited. The compact curtain design also maximizes free area in the open position.

**MODELS 0755, 0756(D), 0757(D) & 0763
FOR WOOD TRUSS CEILING ASSEMBLIES**

Models 0755, 0756(D) and 0757(D) Ceiling Radiation Dampers have been designed and tested for simple installation in specific UL design wood truss ceiling assemblies. They are UL Classified for use in 1 hour rated UL floor/ceiling design numbers L550/L562/L574/L579/L585/M503 and roof/ceiling design numbers P531/P538/P545/P547/P552. Model 0755 ships complete with thermal blanket and top inlet round duct connection. Model Series 0756 features a factory sheet metal plenum for steel grille/diffuser mount or ducted applications with duct collar(s), Model 0756D. Model 0757 is designed for steel grille/diffuser mount applications or ducted applications, Model 0757D, with field installed steel or fiberglass plenums (by others). Model 0763 is designed to mount inside a field supplied internally insulated steel plenum (by others) that accommodates a steel grille, register or diffuser, by Nailor or by others.



Models 0755, 0756, 0757 & 0757D (L to R)



Models 0758, 0759, 0760, 0761, 0762 (L to R)

**MODELS 0758, 0759, 0760, 0761 & 0762
FOR WOOD TRUSS CEILING ASSEMBLIES**

Models 0758 thru 0762 register boxes with integral ceiling dampers have been specifically designed and tested to provide protection and simple installation in specific UL design wood truss ceiling assemblies. Model 0758 features a 90° side inlet (tapered); Model 0759 features a 90° side inlet and is insulated. Model 0760 is insulated with a 45° inlet; Model 0761 features a top inlet; Model 0762 is insulated with a top inlet.

Fire dampers need inspecting and testing, coils need cleaning and controls need adjusting. Nailor Industries offers a range of duct and plenum access doors that have been designed to allow easy and convenient access to such equipment within HVAC ductwork, without compromising safety or ventilation, to meet different duct styles and application needs. The economical 08SCL and 08SH Models feature quality double skin construction that meets SMACNA requirements, with quick simple installation. The ultra-low leakage 0800 Flat Oval Series provides premium quality that optimizes access area and ease of installation. For round duct applications, the 0890 and 0895 Models provide easy mounting and positive closure. All models are available in a wide variety of sizes to suit each specific application and manufactured with pride by members of the Sheet Metal Workers International Association S.M.W.I.A.

MODELS 08SCL & 08SH SQUARE OR RECTANGULAR ACCESS DOORS

These economical quality access doors meet SMACNA requirements for systems up to 2" w.g. (500 Pa) and provide quick, simple installation wherever duct access is required; available in 20 sizes to meet all access requirements. Design features include a rugged die-formed 22 ga. (0.85) frame and double skin door panels for extra strength, camlock operation for positive seal and easy opening and notched knock-over tabs for a clean and easy installation.



Models 08SCL & 08SH



Model Series 0800

MODELS SERIES 0800 FLAT OVAL ACCESS DOORS

The Nailor 0800 Series Flat Oval duct access doors are engineered to provide a premium quality, ultra-low leakage door with optimum ergonomics in mind. The unique oval shape was designed after careful study of the needs of site engineering and maintenance personnel. Each door allows a different degree of access, enabling the most appropriate unit to be specified, depending on duct size and likely maintenance requirements. The 0800 Series is available in two frame styles for use with steel duct: a double flange screw hole mounting type (M1) or a knock-over tab type (M2). Both styles come with a simple installation cut-out template which makes the oval shape openings extra easy to cut.

MODEL 0840-6 PLENUM ACCESS DOOR

Nailor Model 0840-6 ultra-low leakage plenum access door provides easy access to larger plenums and equipment housings and is suitable for use in high, medium or low pressure applications. The design features include positive seal gasketing and insulation which provide assured low-leakage performance. The die-formed frame, hinged door and die-cast closure handles provide extra strength and maximum operational convenience.



Model 0840-6



Model 0900-1



Model 0900-2

MODEL 0900-1 & 0900-2 UTILITY ACCESS DOORS • FIRE RATED & GENERAL USE

Nailor Model 0900-1 fire-rated access door is for use whenever it is necessary to provide service access to utilities located within fire separations such as corridor walls, stairwells and ceilings. The 2" (51) thick insulation, which acts as a heat barrier, is also ideal for reducing sound transmission through access opening. The flush key operated latch provides convenient and secure opening and closing. Model 0900-2 is a multi-purpose access door designed to provide convenient access to utilities contained within walls or ceilings. This versatile access door installs flush in drywall, masonry block or tile, and plaster walls and ceilings with a clean unobtrusive finish. Both models are offered in an array of standard sizes, with special sizes available upon request.



Complete Air Control and Distribution Solutions

International Group Locations:

**International & United States Headquarters,
Sales, Manufacturing, Research and
Development and Test Laboratory:**

Nailor Industries of Texas Inc.
4714 Winfield Rd.,
Houston, Texas 77039
U.S.A.
Tel:(281) 590-1172
Fax: (281) 590-3086
info@nailor.com
www.nailor.com

**Canadian Headquarters,
Sales and Manufacturing:**

Nailor Industries Inc.
98 Toryork Drive,
Toronto, Ontario M9L 1X6
Canada
Tel:(416) 744-3300
Fax: (416) 744-3360

**European Sales and Marketing
Center, Manufacturing:
(also responsible for exports to the
Middle East, Asia and Australia):**

Advanced Air (UK) Ltd.
Burrell Way,
Theford, Norfolk
IP 24 3QU
England
Tel:(0)1842 765657
Fax: (0)1842 753493
sales@advancedair.co.uk
www.advancedair.co.uk

**Regional Sales and Manufacturing
Facilities:**

Nailor Industries Inc. (Western U.S.A.)
2610 E. Gowan Road,
North Las Vegas, NV 89030
U.S.A.
Tel:(702) 648-5400
Fax: (702) 638-0400

Nailor Industries (Western) Inc.
Unit F, 4427-72nd Avenue S.E.,
Calgary, Alberta T2C 2G5
Canada
Tel:(403) 279-8619
Fax: (403) 279-5035