

The World's Only Fail-Safe UL300A Hood



DENLAR
FIRE PROTECTION
PRE-ENGINEERED RANGE HOODS

Product Line Introduction



D1000

Denlar hoods are the first fully integrated, pre-engineered fire suppression range hood systems introduced to the market. Using many components found in a full commercial hood, Denlar hoods fulfill all of the theory and intent behind a Type I commercial hood with fire suppression, in a product designed for use over a residential-grade appliance.

Our hoods incorporate a suppression system that is proven effective by using a mechanical system, a wet chemical agent, hardwired disconnect options, and alarm contacts. Our hoods are easy to install and an ideal option for any cooking space using a residential-style range.



DS (Designer)

Hood Comparison	D1000 Series	Designer, DS Series
Fully integrated, pre-engineered suppression system	•	•
Fail-safe mechanical suppressant release	•	•
Sizes	30" or 36"	30"
Tested to 300A	•	•
Recognized by the ICC	•	
Available options to meet NFPA 101 Life Safety Code	•	
Fan Options	Recirculating, Rear Expelling Inline, Wall Mounted Roof Mounted	Recirculating, Top Discharge
Stainless steel finish, Standard	•	
Powder coated white finish, Standard		•
Commercial-style stainless steel grease filter and collection	•	
18-gauge stainless steel construction	•	
Globe fusible link and fire suppression nozzle in the fan compartment	•	
Job glass fusible links		•
Factory-aligned suppression nozzles	•	•
Stages of pre-suppression	•	
Temperature switch to automatically turn off power to range	•	
Relay control output to both remote and/or local alarm	•	•
Hardwired electrical, gas, dual element or dual receptacle disconnects	•	•
Low PH suppressant media	•	•
Notification and fire alarm outputs by the PLC-driven system	•	
120V power supply	•	•
Fan tested to UL507	•	•
Simple to service	•	•
Simple installation, no retrofit modifications	•	•
Warranty	3-year	2-year
Optional Components and Upgrades		
ADA-compliant with handicap accessible control	•	•
Manual pull station	•	•
NFPA101 compliant	•	
Custom colored, powder-coated finishes	•	•

DENLAR ClockBoxes

Our ClockBoxes allow password-controlled timed access to the stove to prevent unattended and unauthorized cooking.

*ClockBox Pro features when used with a D1000 Denlar Hood.



Physical Attributes	ClockBox Pro	ClockBox
Touch screen display	•	•
Display	Color	Monochrome
Screen dimensions	2.125" x 3.754"	1.5" x 3.5"
Enclosure dimensions	4.75" x 7"	4" x 6.5"
Mounting options	Surface, Flush, Remote	Surface, Flush, Remote
PLC control enclosure dimensions	10" x 10"	8" x 8"
Reset to default program	•	•
Brushed stainless steel enclosure	•	•
Plug n' play connections	•	•
Maximum output relay load	6 Amps	2 Amps
Password Protected Access		
Unlock cooking appliance	•	•
Set timer	•	•
User controls	•	•
System status	•	
Language selection	•	
Bypass	•	
Length of password (digits)	1-5	1-5
Number of stored passwords	1	1-67
Factory password reset	•	
Cooking Time		
Start/Stop/Reset/Pause	•	•
Maximum time settings	17 Hours, 59 Minutes, 59 Seconds	9 Hours, 59 Minutes, 59 Seconds
Handicap Accessible Controls		
On/Off control for fan and light	•	
Programmed Languages		
English	•	•
French, Spanish, or customized languages as needed	•	
Operating Features		
Expandable to additional input/outputs	*	
Event monitoring and annunciator	*	
Control/lockout of other devices	•	•
User operating instructions on main screen	*	
Operating text assistance	*	
Timer start button locked if hood has event/fault	*	
Selector switch to show connection status (prevents additional wiring)	*	
Hood event/fault displayed	*	
Can tie into a building's monitoring system	*	

Institutional & Limited Commercial Installations Applications

Military Housing

Elderly Communities

Managed Care

Colleges
& Universities

Fire Houses

Churches

Day Care Centers

Schools

Group Homes

EMS Facilities

Any cooking space
using a residential-style
range in a not-for-profit
application



ETL Listed UL300A Range Hood with ICC, IMC & UMC Approvals



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Not responsible for typographical errors. Continuing research results in product improvement, therefore specifications are subject to change without notice. For the most updated information, please consult factory directly.
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