

Hood Model(s):

- ☐ PHTII 451 1DW ☐ PHTII 451 2DW
☐ PHTII 452 2DW ☐ PHTII 452 3DW
☐ PHTII 452 4DW

**NSF Listed - TYPE II HOOD
Exclusively Designed For
PizzaMaster® Countertop Ovens**



Hood Model PHTII 452 2DW (Oven Model PM452ED-2DW shown above)

Features:

- Stainless Steel construction
- Indirect venting technology
- NSF Listed
- 2 Year Limited Parts & Labor Warranty (excludes filter replacements)



Specifications:

- NSF listed Type II hood built for the PizzaMaster ovens to fully contain high temperature environments (industry leading 932° F / 500°C).
- Exhaust Hood System is full Stainless Steel.
- This hood is for the PM451ED-1DW, PM451ED-2DW, PM452ED-2DW, PM452ED-3DW, PM452ED-4DW PizzaMaster ovens and is 19" (483 mm) High, 46" (1169 mm) wide, and 40.125" (1020 mm) Deep.
- The hood includes a side-mounted access door that allows direct entry to the rear exhaust plenum, making it easy to remove debris and perform routine cleaning.
- Optional Roof Fan Package, PHTII-45X-XDW PCKG-R, Downblast Fan kit for runs straight to the roof up to about 25 feet, a maximum of two 90° elbows: includes roof fan, flat or sloped roof curb, and variable speed controller.
- Optional Wall Fan Package, PHTII-45X-XDW PCKG-W, Upblast Fan kit for runs straight to the wall up to about 25 feet, a maximum of two 90° elbows: includes wall fan, wall fan mount, variable speed controller.
- Optional Custom Roof or Wall kit - runs longer than 25 feet or more than two 90° elbows - request quote.
- Removable duct collar | transition piece | slip-fit duct connector and Non-grease duct by others.
- Standard accessory: Grease Baffle Filters [Part# PH-GBF-20x16 and PH-GBF-20x20].
- Field cut exhaust collar ensures field conflicts are reduced, which allows for ease of installation.

NAKS Hood Procured via:
U.S. PizzaMaster Distributor
MPM Food Equipment Group, Inc
236 Egidi Dr, Suite D, Wheeling, IL 60090
Phone: 847-297-6762
www.pizzamaster.us

SEND HOOD QUOTE REQUESTS TO: pmquotes@mpmfeg.com

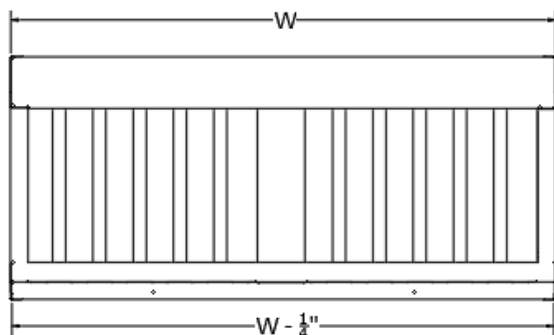
SEND HOOD ORDERS TO: pmorders@mpmfeg.com



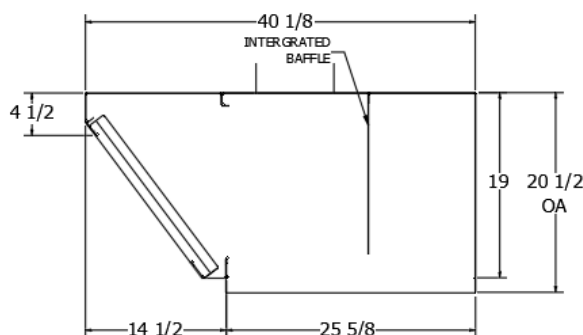
Model	Overall Dimensions			Exhaust Information		Weight	
	Height	Width (W)	Depth	Duct Size	CFM (Per Deck)	Hood	Crated
PHTII 451 XDW	19" (483 mm)	46" (1169 mm)	40.125" (1020 mm)	8" (203 mm)	300 CFM	85 LBS	120 LBS
PHTII 452 XDW	19" (483 mm)	46" (1169 mm)	40.125" (1020 mm)	8" (203 mm)	300 CFM	85 LBS	120 LBS

MINIMUM CLEARANCE REQUIRED FROM UNIT TO THE NEAREST COMBUSTIBLE OBJECT			
Front	Side	Rear	Top
18"	18"	18"	18"

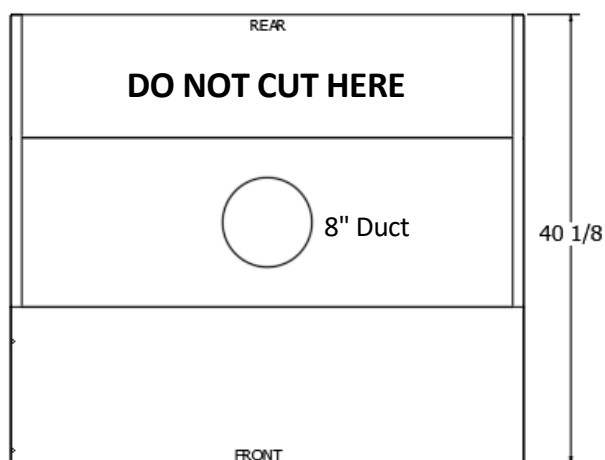
FRONT



SIDE



TOP



NOTE: North American Kitchen Solutions (NAKS) products are not approved or authorized for home or residential use; but are intended for commercial applications only. NAKS will not provide service, warranty, maintenance or support of any kind other than in commercial applications.

For use with PizzaMaster oven only.

NOTE: The NAKS Type II ventilation system installation and permitting are the responsibility of Customer, General Contractor or Subcontractor, not MPM/PizzaMaster. The General Contractor or Subcontractor performing the installation is responsible for verifying the ventilation system conforms to the building's installation path and meets the overall length required. Additionally, the General Contractor or Subcontractor must ensure the roof's integrity, manage roof or exterior wall penetrations, and properly seal these areas. The General Contractor or Subcontractor must also adhere to the manufacturer's installation instructions and comply with local and national code requirements.

NOTE: Electrical Connection: The electrician is responsible for connecting the wall-mounted variable speed fan control and the exhaust fan. A remote-mounted variable speed control switch is included, enabling adjustment of the exhaust rate to suit current conditions. (Refer to the installation manual for wiring details).

NOTE: Removable duct collars, transition pieces (slip-fit duct connectors), and non-grease ductwork are by others. The General Contractor or installing Subcontractor shall be responsible for confirming that the ventilation system complies with the project's installation routing and achieves the required overall duct length.

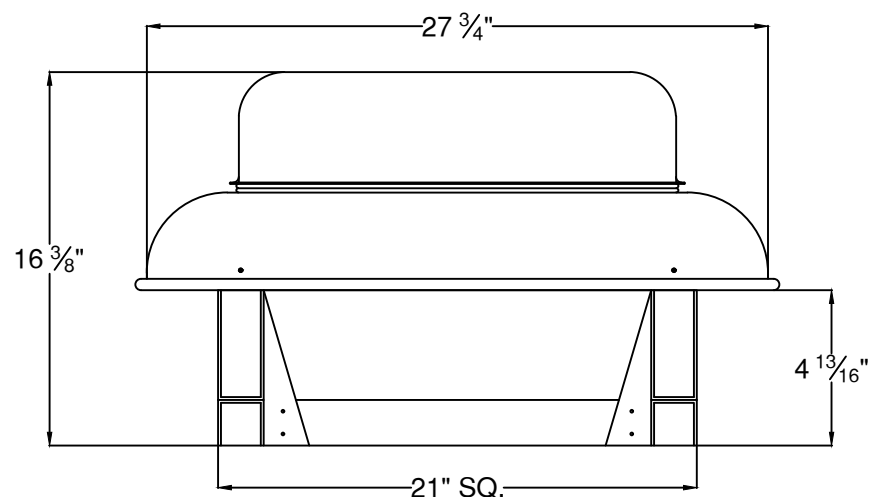
NAKS Hood Procured via:
U.S. PizzaMaster Distributor
[MPM Food Equipment Group, Inc](http://www.pizzamaster.us)
236 Egidi Dr, Suite D, Wheeling, IL 60090
Phone: 847-297-6762
www.pizzamaster.us

North American Kitchen Solutions, Inc.
172 Reaser Court
Elyria, OH 44035

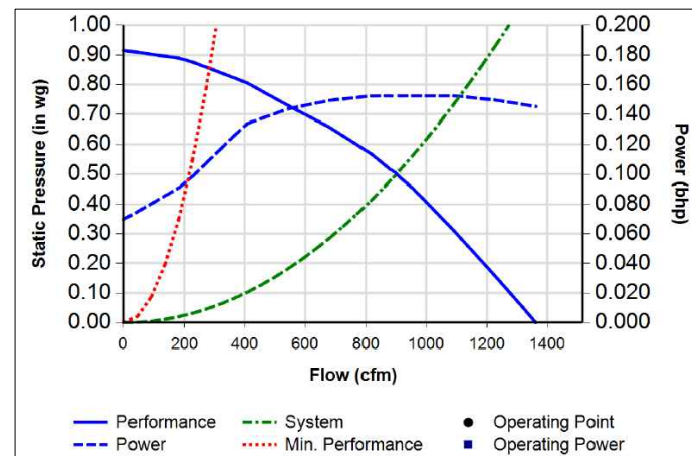
SEND HOOD QUOTE REQUESTS TO: pmquotes@mpmfeg.com
SEND HOOD ORDERS TO: pmorders@mpmfeg.com

ROOF FAN MODEL # 20D-DB

UL705 DOWNBLAST EXHAUST FAN DIRECT DRIVE



DIMENSIONAL DATA 19 1/2" SQ. CURB



PERFORMANCE DATA

PHASE	1	VOLTS	115
AMPS	6	HP	1/4

RPM	.000" S.P.		.125" S.P.		.250" S.P.		.375" S.P.		.50" S.P.		.750" S.P.		1.000" S.P.	
	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone
1725	1582	12.1	1489	11.9	1397	9.9	1305	9.8	1195	10.2	932	9.3	578	8.3
1300	1192	7.0	1069	6.6	942	6.1	780	6.0	571	6.0	-	-	-	-
1100	1009	4.8	864	4.6	691	4.1	442	4.0	-	-	-	-	-	-
860	789	3.1	594	3.0	284	2.4	-	-	-	-	-	-	-	-

STANDARD FEATURES

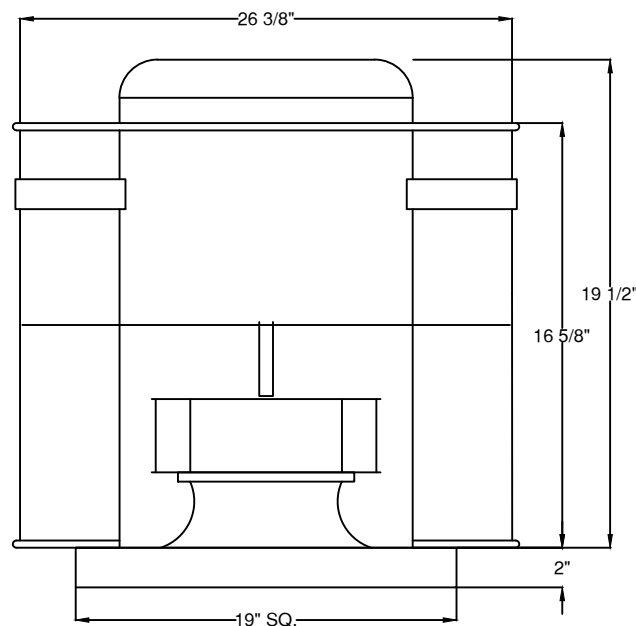
- HEAVY GAUGE ALUMINUM HOUSING
- CONDUIT POST THROUGH BASE'S CURB CAP
- ALUMINUM HOOD
- CORROSION RESISTANT FASTENERS
- GALVANIZED BIRD SCREEN
- CENTRIFUGAL BACKWARDLY INCLINED NON-OVERLOADING ALUMINUM
- HOLLOW AIRFOIL BLADES
- DISCONNECT PLUG
- MOTOR BEARINGS ARE PERMANENTLY LUBRICATED
- 2 YEAR FAN/MOTOR WARRANTY
- AVERAGE UNIT WEIGHT: 37 LBS
- AVERAGE SHIPPING WEIGHT: 45 LBS



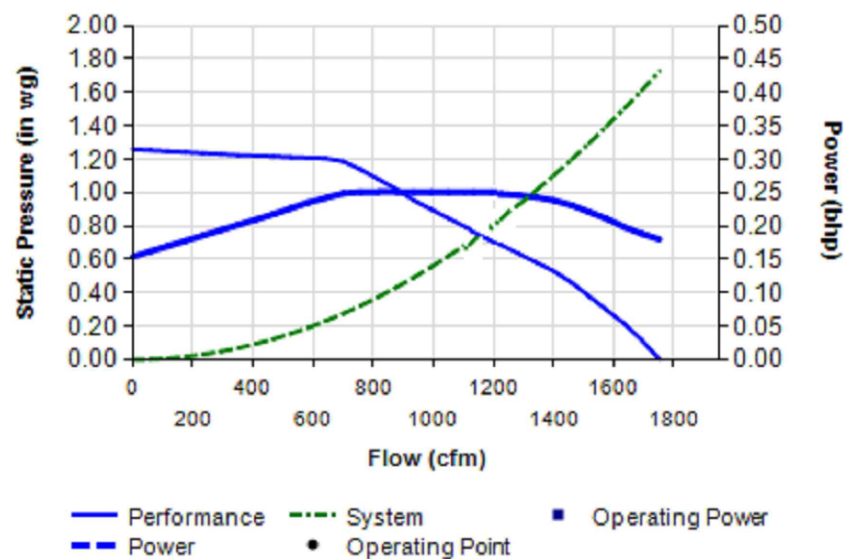
WALL FAN

MODEL# **20D**

UL762 UPBLAST EXHAUST FAN DIRECT DRIVE



DIMENSIONAL DATA
17 1/2" SQ. CURB



PERFORMANCE DATA

PHASE	1	VOLTS	115
AMPS	2.6	HP	1/4

RPM	.000" S.P.		.125" S.P.		.250" S.P.		.375" S.P.		.50" S.P.		.625" S.P.		.750" S.P.	
	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone
1680	1753	13.8	1689	13.7	1611	13.6	1522	13.6	1433	13.5	1295	13.2	1155	13.1

STANDARD FEATURES

- HEAVY GAUGE ALUMINUM HOUSING
- 1 YEAR LIMITED WARRANTY ON ALL ELECTRIC MOTORS
- FACTORY SET DRIVE
- DIRECT DRIVEN MOTORS ARE ENCLOSED IN WEATHER-TIGHT COMPARTMENTS
- AVERAGE UNIT WEIGHT: 50 LBS
- AVERAGE SHIPPING WEIGHT: 72 LBS



LISTED

FANS

UL 762

11064 1/20

INSTRUCTIONS FOR INSTALLING WALL-MOUNT SPEED CONTROL



Safety Warning! Please Read Carefully

Unit should be installed by a qualified electrician in accordance with the National Electrical Code and other local codes which may apply. This control must be grounded when installed. Failure to follow these instructions may result in electrical shock or fire hazard. To reduce the risk of fire or electric shock, this control is to be used only with fans marked as suitable for use with solid state speed controls. This control must not be used at ratings exceeding those clearly marked on the device.

We are not responsible for any expense, inconvenience or subsequent damage caused by items of our manufacture or sale.

Application

- Motor Type - Shaded Pole, P.S.C., and Universal.
- Required Load – Fans, Blowers and Independent Speed Loads

Wiring

Warning! Power must be turned off before wiring. Connect control in series with motor and line voltage.

- Never connect the Speed Controller across line Voltage.
- Grounding (Earth) - Be sure to ground control using the green wire.

Mounting

- Use 4" deep standard electrical box.
- Secure control with outer bracket tabs.

Minimum Speed Adjustment

Warning! Speed control was designed to operate on various motors used in diverse applications. A minimum speed adjustment is provided to allow independent control of the minimum speed setting. Minimum speed adjustment ensures that the motor runs with sufficient torque to prevent stalling. **DO NOT ALLOW MOTOR TO STALL WITH THE LOWEST SPEED CONTROL SETTING.**

NOTE: Motor must be in actual operating condition to achieve proper speed adjustment when full load is applied.



Minimum Speed Setting Procedure:

1. Turn main control knob to lowest speed position.
2. Remove knob and faceplate, then locate minimum adjust speed pot thru the hole in the heat sink as shown above. Use a small screw driver (rotate clockwise to decrease desired minimum speed control voltage).

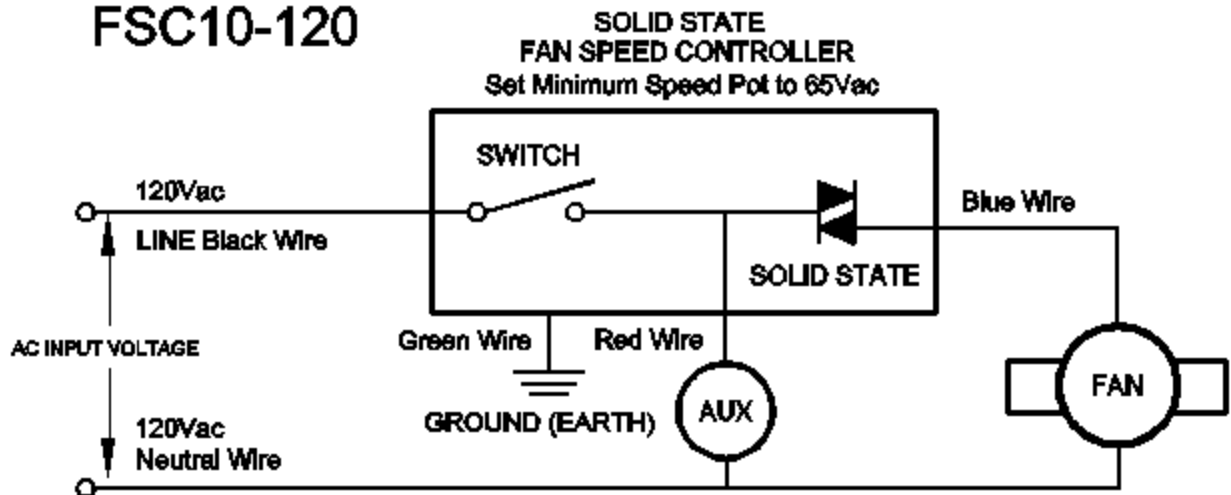
Final Mounting

Mount the speed controller into the electrical enclosure with the arrow facing up on the heat sink. Install the front faceplate using the supplied screws. Rotate the Potentiometer shaft fully counter clockwise until it snaps in the "off" position. Align the dial line on the potentiometer knob with the silkscreen on the faceplate so that the pointer is in "off" position.

INSTRUCTIONS FOR INSTALLING WALL-MOUNT SPEED CONTROL

Connection Diagram

FSC10-120



FSC15-120

