



**INSTALLATION INSTRUCTIONS
HNW WALL HOOD**

**FOR RESIDENTIAL USE ONLY
NOT TO BE INSTALLED OVER GAS GRILLS**

**PLEASE READ ENTIRE INSTRUCTIONS BEFORE PROCEEDING.
INSTALLATION MUST COMPLY WITH ALL LOCAL CODES.**

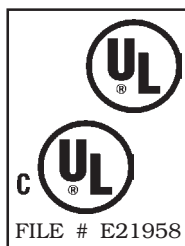
IMPORTANT: Save these Instructions for the Local Electrical Inspector's use.

INSTALLER: Please leave these Instructions with this unit for the owner.

OWNER: Please retain these instructions for future reference.

INSTALLATION:

- Requires remote blower model VTR1000Q or VTR1400Q.
- Requires Transition from 8" duct at hood to 10" duct at remote blower
- Requires 5-wire installation from remote blower to hood.
- Power supply required: 120V, 60Hz, 15A min



READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

WARNING - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

CAUTION: FOR GENERAL VENTILATING USE ONLY. DO NOT USE TO EXHAUST HAZARDOUS OR EXPLOSIVE MATERIALS OR VAPORS.

- A. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- B. Before servicing or cleaning the unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
- C. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes & standards, including fire-rated construction.
- D. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back-drafting. Follow the heating equipment manufacturers guideline and safety standards such as those published by the National Fire Protection Association (NFPA), the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- E. Due to size and weight of this unit two installers are recommended.
- F. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- G. **CAUTION - To reduce risk of fire and to properly exhaust air, be sure to duct air outside. Do not vent exhaust air into spaces within walls, ceilings, attics, crawl spaces, or garages.**
- H. **WARNING - TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCT WORK.**
- I. Install this hood in accordance with all requirements specified by the manufacturer of your cooktop/range.

LES INSTRUCTIONS DE SÉCURITÉ IMPORTANTES

AVERTISSEMENT - POUR RÉDUIRE LE RISQUE D'INCENDIE, DE CHOC ÉLECTRIQUE, OU DE LA BLESSURE AUX PERSONNES, OBSERVER LE SUIVANT:

ATTENTION: SEULEMENT POUR L'UTILISATION D'AÉRATION. NE PAS L'UTILISER POUR ÉPUISER LA VAPEUR OU LES MATIÈRES EXPLOSIVES OU DANGEREUSES.

- A. Utiliser cet appareil seulement dans la manière destinée par le fabricant. Si vous avez des questions, contacter le fabricant.
- B. Avant l'entretien ou le nettoyage de l'appareil, couper le courant au tableau de service, et fermer à clef la moyenne de débrayage de service pour empêcher l'alimentation d'être allumée par hasard. Quand la moyenne de débrayage de service ne peut pas être fermée à clef, attacher une étiquette au tableau de service pour indiquer que l'alimentation a été coupée pour l'entretien.
- C. Le Travail d'Installation et de Câblage Électrique Doit Être Fait Par les Personne(s) Qualifiées Conformément à Tous les Codes & Normes Applicables, y Compris la Construction Calculée à Feu.
- D. L'écoulement comburant pour le fonctionnement sûr du matériel de la combustion du combustible peut être affecté par le fonctionnement de cet appareil. Suivre la directive des fabricants du matériel chauffant et les normes de sécurité tel que ceux publiées par l'Association du Protection de Feu National (NFPA), et la Société Américaine pour les Ingénieurs de Chauffage, de Réfrigération et de Climatisation (ASHRAE), et les autorités des codes locales.
- E. Par suite de la dimension et le poids de cet appareil, deux installateurs sont recommandés.
- F. En coupant ou en forant dans un mur ou dans un plafond, ne pas endommager le câblage électrique et des autres utilités cachées.
- G. Les ventilateurs canalisés doivent être toujours déchargés à l'extérieur et vers le haut. Ne pas décharger au grenier ou au vide sanitaire.
- H. **Pour réduire le risque d'incendie, utiliser seulement le travail du conduit métallique.**
- I. Installer ce capot conformément aux toutes exigences spécifiées par le fabricant de votre cooktop/cuisinière.

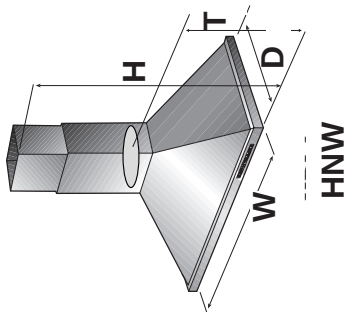


Table 1									
MODEL #	CARTON WEIGHT Pounds	HEIGHT H			WIDTH W	DEPTH D	TRANSITION		LIGHTS # OF Total Watts
		*	Min.	Max.			T	A**	
HNW 3 6	44, 9	28 1/2"	33"	49 1/4"	36"	23 1/4"	15 7/8"	4 7/8"	2 40W
HNW 4 2	62, 5	28 1/2"	33"	49 1/4"	42"	23 1/4"	15 7/8"	4 7/8"	4 80W
HNW 4 8	70, 2	28 1/2"	33"	49 1/4"	48"	23 1/4"	15 7/8"	4 7/8"	4 80W
* Height if Upper Telescope Piece is Left Off									
** Distance from wall to center line of transition									

Parts Included with your Hood

- Hood Canopy Assembly with Ventilator and Light Bulbs Installed
- Care & Use /Installation Instructions
- Registration Card
- Filters number depends on model and size
- Plastic Transition with Back draft dampers installed
- Screws and Drywall Anchors
- 2 Mounting Hooks
- Mounting Template
- 2 Piece Duct Cover
- 8" Starting Collar
- Contents Sheet

Parts Not Included with your Hood

- HDTR8 Metal Transition if required.
- Duct Tape
- 1/2" Conduit
- Wire Nuts
- Plywood Wall Mounting Block

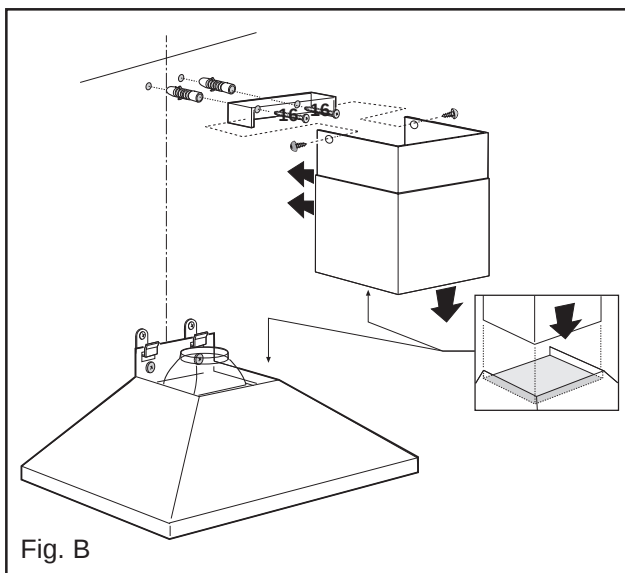
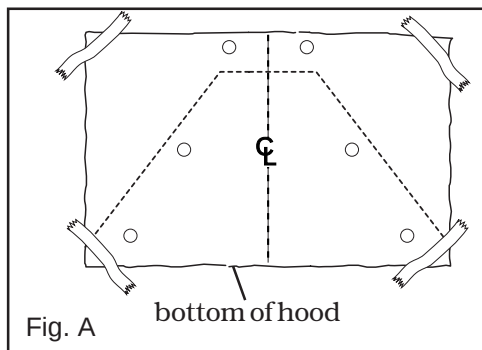
CONSIDERATIONS BEFORE INSTALLING HOOD

1. For the most efficient air flow exhaust, use a straight run or as few elbows as possible.
CAUTION: Vent unit to outside of building, only.
2. Use flex ducting only to connect rigid duct directly to transitions.
3. COLD WEATHER installations should have an additional backdraft damper installed to minimize backward cold air flow and a nonmetallic thermal break to minimize conduction of outside temperatures as part of the ductwork. The damper should be on the cold air side of the thermal break. The break should be as close as possible to where the ducting enters the heated portion of the house.
4. Hood installation height above cooktop is the users preference. The closer the hood is to the cooktop the more efficient it will be in capturing of cooking odors, grease and smoke. Thermador recommends the hood be installed 30-36" above the countertop. The lower height may be inconvenient for tall people and large cooking vessels. Check your ceiling height and the hood height maximum before you select your hood.

Preparation of mounting surface (Drywall)

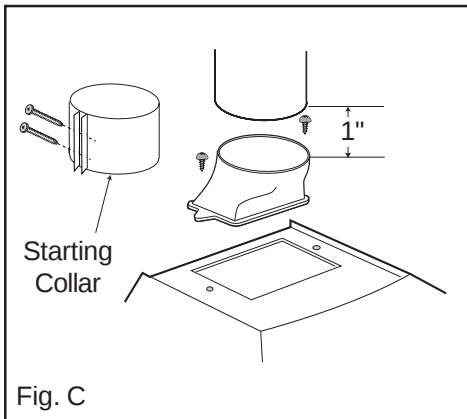
1. Select a mounting height comfortable for the user and mark on wall behind cooking surface.
2. Mark centerline of cooking surface and draw vertical line from bottom of hood to the ceiling.
3. Tape template, matching center-line and hood bottom as shown in Fig. A.
4. Mark centers of the 6 fastener locations through template on wall then remove template.
5. Mark wall with horizontal line 1" above highest and 1" below lowest fastener location.
6. Find studs behind drywall by tapping wall or using a stud finder. Mark the center of the studs with a vertical line to the right and left of the marked fastener location.
Note: 2 x 6's must span at least 2 studs side to side.
7. Cutout drywall along marked lines. Install 2 x 6's between studs firmly flush with stud front. Make sure all mounting screws will anchor to added lumber. Replace drywall and refinish.
8. Attach template to wall using cooking surface centerline and hood installation height as shown in Fig. A

9. Attach 2 mounting hooks with wood screws to locations marked on template. Remove template.
10. Install duct cover bracket on wall, flush to ceiling, using drywall anchors supplied. See Fig. B.



Appliance Installation:

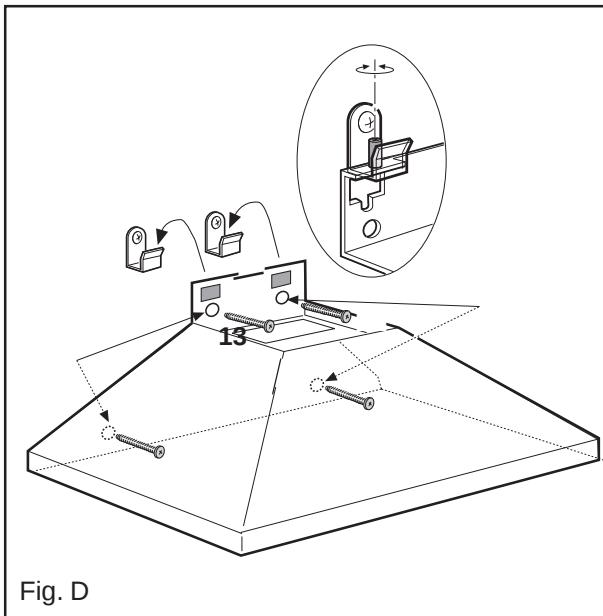
1. Install transition on top of hood if removed for shipping. Fig. C
2. Hang hood on 2 mounting hooks through the rectangular cutouts on back of hood. Fig. D
3. Level the appliance shown in Fig. D.



4. Secure hood with 2 screws on top and 2 screws on bottom. See Fig. D.
5. REMOTE VENTILATOR AND DUCT INSTALLATION. Refer to instructions shipped with remote ventilator model VTR1000Q or VTR1400Q for installation of remote blower and ducting. The remote ventilator inlet fits 10" round duct. Transition to 8" round duct prior to passing through ceiling or wall for duct cover clearance and connecting to the hood transition. Do not use ducting smaller than 8" round.
6. Connect ducting to transition using starter collar provided with hood (See Fig. C). Locate collar screws so they fit into corner of the duct cover. Secure collar to transition and duct with three sheet metal screws each. Seal with duct tape.

7. Install wiring for remote ventilator and power supply. See electrical installation on page 7.

8. Install duct covers on top of hood as shown in Fig. B. Raise inside cover and attach to duct cover bracket using two sheet metal screws provided.



9. Check all light bulbs to make sure they are secure in their sockets. Turn power on in the service panel. Install filters. Check light and blower operation. Leave this manual for the home owner.

Alternate Installations

Reduced Ceiling Height

Installation for HNW model:

The hood may be installed with only the lower part of the duct cover to reduce the overall height. This hood height is signified by * in Table 1.

1. For the duct cover to slide down and engage the top of the hood position the duct cover bracket 1" below the ceiling.
2. Fill in the gap between the ceiling and top of the chimney with a 1" thick piece of wood cut to the inside cross section of the chimney cover.
3. Finish the wood to match the ceiling.
4. Copy the two mounting holes on the sides of the upper cover to the lower cover.
5. Install lower cover on hood and secure to mounting bracket with two sheet metal screws.

Rear discharge

For rear discharge a 90 degree elbow may be installed immediately above the hood. The distance from the bottom of the hood to top of the transition is provided by dimension "T" in Table 1.

ELECTRICAL INSTALLATION

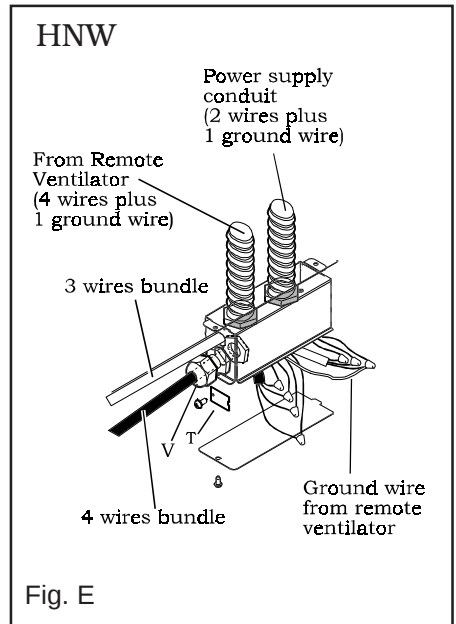
Warning: Switch power off at service panel and lock the service disconnect means before wiring this unit.

Wiring Remote Ventilator VTR1000Q or VTR1400Q:

1. Run five wires #14 AWG (black, white, blue, red, and green) in 1/2" conduit from the remote ventilator to the hood.
2. Install conduit connector at the end of the conduit. Remove the knockout on top of the junction box. Attach conduit connector to the junction box.
3. Use the four wire bundle and ground wire in the junction box for connecting to the remote ventilator wires. Connect black wire from the remote ventilator to the black wire in the junction box, red to red, blue to blue, white to white, and green to green. **Do not connect to the power supply wire bundle containing a black and white wire. See Figure E.**

Wiring To Power Supply:

1. **Installation requires a 15A circuit.** Run three wires: black, white, and green using #14 AWG from the service panel to the junction box.
2. Remove junction box cover



- as shown in Figure E.
3. Remove the knockout and install 1/2" conduit connector.
 4. Connect black wire from service panel to black in junction box, white to white, and green to green. See Figure E.
 5. Close junction box cover.