



# Alto-Shaam® Combitherm® FACTORY-AUTHORIZED INSTALLATION PROGRAM FOR U.S.A. & CANADA

## ENSURE OPTIMAL PERFORMANCE OF YOUR COMBITHERM OVEN FROM THE START:

1. **PRE-INSTALLATION SITE SURVEY** ensures your location is ready for installation
2. Factory-authorized **INSTALLATION** by trained service technicians
3. Professional **MECHANICAL START-UP** completed by technician at time of installation to ensure proper function.
4. Declining this service will **INVALIDATE ANY WARRANTY CLAIMS RELATED TO IMPROPER INSTALLATION.**

### INSTALLATION INCLUDES:

- Travel within 60 miles (120 miles round-trip) of installer
- Pre-installation site survey
- Professionally reviewed and managed installation process
- Assembly of purchased equipment
- Assembly of any accessories (i.e., grease collection system, etc.)
- Placement and leveling of unit
- Connection to existing utilities within three feet of unit\*
- Performing mechanical start up of the oven

### STANDARD PRICING EXCLUDES:

- Delivery to end user location
- Moving the unit to within 5' of final destination
- Special licensing or permits
- Overtime travel or labor
- Removal of packing material
- Removal and scrapping of old unit
- Installation kit†

This program can be purchased directly from the factory or from your Alto-Shaam authorized service agent.



*\*See reverse for details.  
†Additional charges may apply if installation kit is not purchased.*

# Factory-Authorized Combitherm® Installation Program

## INSTALLATION REQUIREMENTS

Factory-authorized installation includes final connection to **existing** electrical, water, gas, and drain connection types outlined below.

- All connections must be within three feet of unit placement or additional charges may be incurred
- It is the responsibility of the customer to ensure that all existing utility connections meet local codes
- It is recommended that customer purchase a Combitherm installation kit which includes most items required for a typical installation
- Some installation locations will require additional materials to be purchased by the customer

### INSTALLATION AREA

- Gas ovens must be installed under a hood in accordance with local regulations and standards
- Electric ovens may require installation under a hood depending on local regulations and standards
- 18" clearance on left side of all units is recommended for maintenance access
- Oven must be installed in a room with an ambient temperature above 60°F (16°C), with a maximum non-condensing relative humidity of 95% or less

### WATER CONNECTION

- Minimum of one 3/4" cold water supply line with two 3/4" male NPT connections
- Minimum of one (recommend one per NPT connection) 3/4" shut off valve installed ahead of 3/4" NPT connections

### DRAIN CONNECTION

- All units are supplied with a 1-1/2" stainless tube connection. A no hub coupling is provided in the optional installation kit
- Drain material must be rated to withstand temperatures up to 200°F (93°C)
- Floor drain must be provided within 3' of oven, but not directly underneath the oven

### GAS REQUIREMENTS - GAS UNIT

- Minimum 3/4" gas supply line with gas shut off valve and 3/4" female NPT connection required

### ELECTRICAL CONNECTION - GAS UNIT

- Each unit requires its own dedicated circuit
- Each unit must be permanently connected to electrical supply source

### ELECTRICAL CONNECTION - ELECTRIC UNIT

- Installer will connect to existing electrical junction box or disconnect
- Each unit requires its own dedicated circuit
- Power cable is not included with unit (Power cable is included with optional installation kit)

### INSTALLATION KITS

- Refer below to select the correct kit(s) for the oven(s). One kit is required for each oven

ELECTRIC CTP OR CTC	
AMPS	KIT #
20	5021521
30	5021519
40	5021525
50	5021526
80	5021527
125	5021529
175	5021530
250	5021531

GAS CTP OR CTC	
AMPS	KIT #
20	5021522
20	5021524
30	5021520
30	5021524

CT EXPRESS	
AMPS	KIT #
20	5021523
30	5021572
40	5021573

- Kit includes:
  - » 8' SO power cord with strain relief
  - » One straight strain relief bushing or two straight strain relief bushings (175 and 250 amp kits only)
  - » One 90° strain relief bushing (none included in 175 and 250 amp kits)
  - » Two 1-1/2" CPVC pipe 5' sections (10' total)
  - » Two 6' water hoses with 3/4" female NPT connections
  - » Two 3/4" 90° brass elbows for water line connections
  - » Two 1-1/2" CPVC 90° elbow
  - » Two 1-1/2" CPVC 45° elbow
  - » One 1-1/2" CPVC tee
  - » One 1-1/2" tubular to 1-1/2" pipe no-hub connector
  - » Two uni-strut clamps
  - » Two uni-strut anchors
  - » Two sets M10x1.5x30mm hex head screws, nuts & washers (for uni-strut bracket)
  - » Two sets M6x1.0x16mm hex head screws & washers (for uni-strut clamp)
  - » One 48" uni-strut piece
  - » One 12" uni-strut piece
  - » One stainless steel bracket for mounting uni-strut
  - » Kits for gas-burning appliances also include: one 3/4" diameter 60" gas hose, safety disconnect valve, two elbows, restraining cable and fasteners

See the current version of the installation manual and/or contact Alto-Shaam FASTeam Support at 800-558-8744 ext. 6702 for complete installation requirements.