



Combitherm

ALTO-SHAAM

Factory-Authorized Installation Program
for U.S.A. & Canada

Ensure optimal performance of your COMBITHERM from the start:

PRE-INSTALLATION SITE SURVEY ensures your location is ready for installation

Factory-authorized **INSTALLATION** by trained service technicians

Professional **MECHANICAL START-UP** completed by technician at time of installation to ensure proper function.

Declining this service will **INVALIDATE ANY WARRANTY CLAIMS RELATED TO IMPROPER INSTALLATION.**

AUTHORIZED SERVICE AGENT (ASA) RESPONSIBILITIES:

Note: The ASA is not responsible for moving the unit(s). The unit(s) must be located within 5' (1524mm) of final destination before the ASA will work on the unit(s).

- Traveling to site; within 60 miles (120 miles round trip); within 97km (194km round trip)
- Performing pre-installation site visit and completing pre-installation checklist
- Uncrating oven, placing on stand (if applicable), and setting in place
- Leveling the unit
- Stacking and assembly of associated stacking hardware, if shipped unstacked (Stacked units are shipped stacked unless otherwise specified)
- Assembling and installing accessories (grease collection system, liquid soap injection, etc.)
- Making final connections to all utilities within 3' (914mm) of the oven (gas, electric, water, drain)
- Performing mechanical start-up of the oven
- Completing post-installation checklist and start-up form

ALTO-SHAAM TECHNICAL SERVICE RESPONSIBILITIES:

- Managing the process from order receipt through installation
- Managing receipt of site contact information
- Alerting the ASA partner that an installation has been purchased and a pre-installation site survey is required
- Alerting the ASA partner when the equipment ships
- Receiving and storing all pre-installation, installation, and start-up paperwork
- Issuing payment when installation is complete and all required paperwork is received

END USER RESPONSIBILITIES:

See reverse for end user responsibilities.

INSTALLATION KITS:

See reverse. Kits are optional, but Alto-Shaam strongly recommends their use.

NON-DISCOUNTABLE FACTORY LIST PRICING:

Refer to AutoQuotes for current pricing.

STANDARD PRICING EXCLUDES:

- Installation kit (purchased separately)
- Installation materials required in place of an installation kit
- Additional materials required beyond what is in the installation kit due to the specific location being installed
- Delivery to the end user location, or directly to the ASA.
- Moving the unit to within 5' (1524mm) of final destination
- Special licensing or permits
- Overtime labor or travel
- Removal of packing material
- Removal and scrapping of old unit



Combitherm Installation Program

END USER RESPONSIBILITIES

GENERAL

- The end user must supply the materials required for the installation. It is recommended that customer purchase a Combitherm installation kit which includes most items required for a typical installation. The end-user has the option of providing the materials for installation themselves or purchasing the materials from an ASA.
- Additional materials from those in the installation kit may have to be purchased by the customer for some installation locations.
- The equipment to be installed must be positioned within 5' [1524mm] of its final destination on-site with an unobstructed path to the installation area. Additional charges may apply if this criteria is not met. It is the responsibility of the end user to ensure that all existing utility connections meet all applicable federal, state and local codes.
- Units will be shipped even if the pre-site inspection has not been done.

As stated in Alto-Shaam's installation manual, the customer has certain site responsibilities. These responsibilities are summarized below.

INSTALLATION AREA:

- Must include a level, non-combustible surface for the oven to be installed upon
- Must include an exhaust hood installed in accordance with local and/or national codes, regulations and standards under which the oven may be installed
- Must not be affected by steam, grease, dripping water, high temperatures, or any other severely adverse condition
- Must include 18" [457mm] clearance on left side of all units for maintenance access. Any moving of equipment may result in additional charges
- Must have an ambient temperature above 60°F [16°C], with a maximum non-condensing relative humidity of 95%
- Must include a floor drain within 3' [914mm] of oven, but not directly underneath the oven
- Must have a clean, drinkable water supply that meets the water requirements listed on the spec sheet. A supply line within 3' [914mm] of the oven complete with shut-off and a 3/4" NPT connection must be provided by the end user. It is recommended that a water filtration system, based on water analysis, be purchased and installed before scheduling the installation visit

ELECTRICAL CONNECTION REQUIREMENTS

- One [1] dedicated circuit per unit. Junction box or electrical disconnect positioned within 3' [914mm] of unit.

CONTENTS OF INSTALLATION KITS

KIT COMPONENTS*
8' SO POWER CORD (WHERE NECESSARY)
ONE STRAIGHT STRAIN RELIEF BUSHING OR TWO STRAIGHT STRAIN RELIEF BUSHINGS (175AMP AND 250AMP KITS ONLY).
ONE 90DEG STRAIN RELIEF BUSHING (NONE ARE INCLUDED FOR 175AMP OR 250AMP KITS)
TWO 1-1/2" CPVC OR COPPER PIPE 5' SECTIONS (10' TOTAL)
TWO 6' WATER LINE HOSES, 3/4" NPT FEMALE CONNECTION
TWO 3/4" NPT 90DEG BRASS ELBOWS FOR WATER LINE CONNECTION
TWO 1-1/2" CPVC OR COPPER 90DEG ELBOWS
TWO 1-1/2" CPVC OR COPPER 45DEG ELBOWS
ONE 1-1/2" CPVC OR COPPER TEE or with 1-1/2" THREADED TEE
ONE 1-1/2" TUBULAR TO 1-1/2" PIPE OR ONE 1-1/2" COPPER TO 1-1/2" TUBULAR NO HUB CONNECTOR
TWO UNI-STRUT CLAMPS
TWO UNI-STRUT ANCHORS
TWO SETS M10 x 1.5 x 30mm HEX HEAD SCREWS, NUTS & WASHERS (FOR UNI-STRUT BRACKET)
TWO SETS M6 x 1.0 x 16mm HEX HEAD SCREWS & WASHERS (FOR UNI-STRUT CLAMP)
ONE 48" UNI-STRUT PIECE AND ONE 12" UNI-STRUT PIECE
ONE STAINLESS STEEL BRACKET FOR MOUNTING UNI-STRUT

LIST OF AVAILABLE INSTALLATION KITS

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

ELECTRIC CTP OR CTC		
AMPS	CPVC	COPPER
	KIT #	KIT #
20	5021521	5026970
30	5021519	5026932
40	5021525	5026972
50	5021526	5026973
80	5021527	5026974
90	5021528	5026976
125	5021529	5026977
175	5021530	5026978
200	5021531	5026979
250	5021531	---

GAS CTP OR CTC		
AMPS	CPVC	COPPER
	KIT #	KIT #
20	5021522	5026980
30	5021520	5026933
30	5021524	---

CT EXPRESS	
AMPS	KIT #
20	5021523
30	5021572
40	5021573

*GAS KITS ONLY: ONE DELUXE SAFETY GAS CONNECTOR KIT WITH 3/4" DIAMETER 60' GAS HOSE, SAFETY DISCONNECT VALVE, TWO ELBOWS, AND RESTRAINING CABLE PARTS. FOR INDOOR USE ONLY.