



INVENTIVE SIMPLIFICATION

# Certified Installation Program

For U.S.A. and Canada

## Let UNOX simplify your CHEFTOP MIND.Maps™ installation!



### Site Inspection

*Finalizes details to ensure location is set for installation day.*



### Installation

*Manufacturer Approved Installer gets the job done right.*



### Professional Start-up

*Manufactured approved installer ensures proper operation.*

### UNOX INSTALLATION INCLUDES:

- Travel within a 50-mile radius (100 miles round trip) of the UNOX approved installer (two trips).
- Pre-installation site inspection\*.
- Assembly of unit and UNOX accessories.
- Placement and leveling of unit.
- Connection to utilities within 3 feet of final unit placement.
- Mechanical / Electrical start up and unit calibration.
- Operational / Functional Test.

\* Note: In the event that the installation visit or Pre-installation Site visit is aborted due to "site not ready", the customer will be responsible to pay the UNOX authorized service agent directly for any additional labor and travel charges required for additional visits.

### STANDARD PRICING DOES NOT INCLUDE:

- Overtime travel or labor.
- Additional visits from the installer.
- Delivery of equipment: Unit must be within 5 feet and have clear and unobstructed path to final installation location.
- Removal of packing material and/or old equipment.
- Special licensing or permits.
- Water testing.
- Gas Line or Power cable for Electric units.

### CERTIFIED INSTALLATION PRICING:

- See current UNOX price list.

### UNOX INSTALLATION REQUIREMENTS:

- Installation includes connection to existing utilities, detailed on page 2, within 3 feet of final unit placement.
- It is the customers responsibility to ensure that all utility connections meet local codes.
- Flexible gas line, power cable (electric units), and other site specific installation items must be purchased / provided by the customer.
- Installation sites not conforming to required gas, electric, water, and drain connections may incur additional charges.
- Appliance must be installed in areas dedicated and conforming to commercial cooking; having adequate air ventilation; complying with local codes and laws; protected against the weather; with temperatures between 41 °F to 104 °F; having a maximum humidity of 70%.
- For complete installation requirements, see current version UNOX installation manual or contact UNOX at **(800) 489-8669**.

We reserve the right to make technical improvements - July: 2018

## INSTALLATION LOCATION

- Oven must have at least 2 inches on all sides from any wall or other surface. There must be a minimum of 18 inches from any external heat source on the sides and 27 ½ inches to the rear or have an adequate heat shield. Unit should be installed on a level surface where the door can open freely.
- Full access to rear of unit required for installation and performance of maintenance work. Units with insufficient access to rear of unit must be moveable and installed with flexible connections that allow unit to be pulled forward while still connected to gas, electric, and water.

## ELECTRIC OVENS

- An independent fused power supply required for each unit. Installer will connect customer provided power cable to UNOX oven or between fused disconnect / junction box and UNOX oven.

## GAS OVENS

- 3/4" NPT connection and 3/4" flexible commercial gas line provided by customer.
- Use of 115/120 volt GFCI / RCD outlet is not advisable as random and/or nuisance trips of power circuit will likely result.

## UNIT DIMENSIONS AND REQUIRED POWER SUPPLY

Cheftop MIND.Maps	Unit Width	Unit Depth	Unit Height	Unit Weight	Electrical Requirement	Breaker / Fuse Requirement**	Power Cable*** Wire Size AWG , copper, 90°C (Not Included with Electric Ovens)
XACC-0513-EP*	21 1/16"	33 15/16"	25 35/64"	110 lbs	208 – 240V 3PH 208 – 240V 1PH	25 A 35 A	10 AWG / 4 Wire 8 AWG / 3 Wire
XAVC-0511-MP*	29 9/16"	30 7/16"	26 5/8"	154 lbs	208 – 240V 1PH	30 A	10 AWG / 3 Wire
XAVC-0511-EP*	29 9/16"	30 7/16"	26 5/8"	154 lbs	208 – 240V 3PH 208 – 240V 1PH	25 A 35 A	10 AWG / 4 Wire 8 AWG / 3 Wire
XAVC-0511-GP*	29 9/16"	30 7/16"	26 5/8"	194 lbs	120V 1PH	15 A	14 AWG / NEMA 5-20P
XAVC-1011-EP*	29 9/16"	30 7/16"	39 13/16"	209 lbs	208 – 240V 3PH	50 A	8 AWG / 4 Wire
XAVC-1011-GP*	29 9/16"	30 7/16"	39 13/16"	254 lbs	120V 1PH	15 A	14 AWG / NEMA 5-20P
XAVC-06FS-EP*	33 7/8"	37 11/16"	33 1/4"	220 lbs	208 – 240V 3PH	60 A	6 AWG / 4 Wire
XAVC-06FS-HP*	33 7/8"	37 11/16"	33 1/4"	236 lbs	440 – 480V 3PH	35 A	10 AWG / 4 Wire
XAVC-06FS-GP*	33 7/8"	37 11/16"	33 1/4"	254 lbs	120V 1PH	15 A	14 AWG / NEMA 5-20P
XAVC-10FS-EP*	33 7/8"	37 11/16"	45 13/16"	287 lbs	208 – 240V 3PH	90 A	4 AWG / 4 Wire
XAVC-10FS-HP*	33 7/8"	37 11/16"	45 13/16"	302 lbs	440 – 480V 3PH	60 A	6 AWG / 4 Wire
XAVC-10FS-GP*	33 7/8"	37 11/16"	45 13/16"	335 lbs	120V 1PH	15 A	14 AWG / NEMA 5-20P
XAVC-16FS-EP*	34 3/4"	41 1/8"	73 1/2"	408 lbs	208 – 240V 3PH	150 A	1 AWG / 4 Wire
XAVC-16FS-HP*	34 3/4"	41 1/8"	73 1/2"	408 lbs	440 – 480V 3PH	90 A	4 AWG / 4 Wire
XAVC-16FS-GP*	34 3/4"	41 1/8"	73 1/2"	485 lbs	120V 1PH	25 A	14 AWG / NEMA 5-20P
XACHC-HC13	21 1/16"	40 1/16"	13 ½"	44 lbs	208-240 1PH	15 A	14 AWG / NEMA 6-15P
XAVHC-HC11	29 ½"	37 5/8"	9 7/16"	55 lbs	208-240 1PH	15 A	14 AWG / NEMA 6-15P
XAVHC-HCFS	34 3/16"	45 1/16"	9 7/16"	55 lbs	208-240 1PH	15 A	14 AWG / NEMA 6-15P
XAVHC-HCFL	21 1/16"	45 5/8"	9 7/16"	44 lbs	208-240 1PH	15 A	14 AWG / NEMA 6-15P
XAVPC-12FS-C	33 15/16"	35" 3/64"	30"	90 lbs	208-240 1PH	15 A	14 AWG / NEMA 6-15P

\* "R" for right-hand opening "L" for left-hand opening

\*\* Recommended size. Always refer to the NEC, state and local codes

\*\*\* Minimum wire gauge required for field connection, ALWAYS OBSERVE LOCAL ORDINANCES

## WATER CONNECTION

- ¾" MPT connection located within 3 feet of unit placement.
- Water supply must meet quality requirements outlined in UNOX specification document for equipment being installed.
- Water test not included as part of installation and is the responsibility of the customer.

### SUPPLY

Line pressure:	Drinking water inlet: 3/4" NPT*, line pressure: 21 to 87 psi; 1.5 to 6 Bar
Connection	cold water

### INFLOW WATER SPECIFICATIONS

Free chlorine	≤ 0.1 ppm
Chloramine	0.1 ppm
TDS	≤ 125 ppm
Silica	≤ 12 ppm
pH	7 ÷ 8.5

### STEAM CIRCUIT: INFLOW WATER SPECIFICATIONS

Total hardness (TH)	≤ 8 °d
Chlorides	≤ 25 ppm
Alkalinity	≤ 150 ppm as CaCO <sub>3</sub>

## DRAIN

- UNOX units have a 1 1/8" diameter discharge pipe. Floor drain (not under unit) and/or high temp drain line with 2 1/2" cup allowing for a 1" air gap required within 3 feet of unit placement.

## INTERNET CONNECTION

- UNOX ovens provided with standard ethernet connection, Wi-Fi available as an option. LongLife4 extended warranty requires that the unit must be connected to the internet and remain accessible by UNOX for warranty purposes.