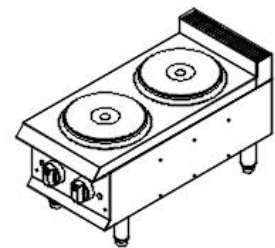
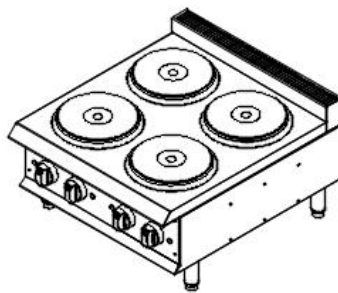
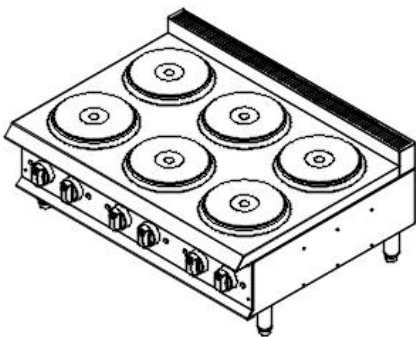




ELECTRIC HOTPLATE

Installation and Operation Manual

Models: FLM-EHP15S
FLM-EHP15
FLM-EHP24
FLM-EHP36



WARNING: IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE PROPERTY DAMAGE, INJURY OR DEATH. READ THE INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS THOROUGHLY BEFORE INSTALLING OR SERVICING THIS EQUIPMENT.

Attention Owners and Operators

Equipment is designed to provide safe and productive processing, cooking and warming of food products as long as the equipment is used in accordance with the instructions in this manual and is properly maintained. Unless the operator is adequately trained and supervised there is a possibility of serious injury. Owners of this equipment bear the responsibility to make certain that this equipment is used properly and safely, and to strictly follow all of the instructions contained in this manual and the requirements of local, state or federal law.

Owners should not permit anyone to touch this equipment unless they are over 18 years old, are adequately trained and supervised, and have read and understood this manual. Repairs and conversions are to be made solely by an authorized servicer. Owners should also ensure that no customers, visitors or other unauthorized personnel come in contact with this equipment. Please remember that vender cannot anticipate every circumstance or environment in which its equipment will be operated. It is the responsibility of the owner and the operator to remain alert to any hazards posed by the function of this equipment. If you are ever uncertain about a particular task or the proper method of operating this equipment, ask your supervisor.

This manual contains a number of precautions to follow to help promote safe use of this equipment. Throughout the manual you will see additional warnings to help alert you to potential hazards.

Warnings affecting your personal safety indicated by:



Warnings affecting your possible damage to the equipment and property are indicated by:



If any warning labels or this manual are misplaced, damaged, or illegible, or if you require additional copies, please contact your nearest representative or supplier directly for these items at no charge.

Please remember that this manual or the warning labels do not replace the need to be alert, to properly train and supervise operators, and to use common sense when using this equipment.

INSTALLATION

The electric hot plate are designed to operate only for the voltages indicated on the dataplate attached to this electric hot plate, and for alternating current (AC) only.



WARNING

DO NOT CONNECT TO DIRECT CURRENT (DC).

The installation of the electric hotplate should conform to the:

NATIONAL ELECTRIC CODE AND ALL LOCAL ELECTRIC CODES AND ORDINANCES AND THE LOCAL ELECTRIC COMPANY RULES AND REGULATIONS.

A Qualified electrical installer must install this electric hotplate. Improper installation will void the manufacturers warrantee. External wiring should be in conduit or an approved type of flexible cable suitable for operation at the temperature indicated on the wiring diagram, and of a proper size to carry the load. The supply circuit should be properly fused and equipped with a means of disconnecting, as required by local electrical code.

THE BODY OF THE ELECTRIC HOTPLATE SHOULD BE GROUNDED (DO NOT GROUND TO A ELECTRIC SUPPLY LINE).

NOTE: Appliances are not internally fused. They must be connected to a suitable disconnect box in accordance with local code.

GENERAL OPERATING PROCEDURES

Electric hotplates may be wired for operation in the field for either 1-phase or 3-phase power supplies by making line connections at the junction box(es) located at the rear of the unit.

CONNECTING POWER SUPPLY

Open cover on junction box at rear of unit. Pigtail leads must be connected to supply power as per the diagrams in this manual.

LOCATING AND LEVELING THE UNIT

Do not install the unit closer than 1-inch from a side wall and/or closer than 1-inch from a rear wall. Level unit by adjusting the (4) feet which have an adjustment of 1-3/4" (43.75mm) for accurate leveling and perfect line-up with other series units.

EXHAUST CANOPY

A vertical distance of not less than 48" shall be provided between the top of the appliance and filters or any other combustible material. Exhaust installation must conform to local codes.

SEASONING THE ELCTRIC HOTPLATE COOKING SURFACE

Clean the electric hotplate surface thoroughly. After the electric hotplate has been thoroughly cleaned, it should be seasoned to prevent food from sticking. Before using and after each thorough scouring, season the electric hotplate heating surface in the following manner.

1. Turn temperature control dials to 350°F (177°C).
2. Using a clean cloth, not a spatula, spread a thin film of cooking oil over the electric hotplate cooking surface. This film should remain on the hot electric hotplate surface for half an hour.
3. Remove the excess oil and wipe clean.
4. Apply another film of cooking oil over the hot cooking area for another half hour and again remove excess oil and

wipe clean. The electric hotplate surface should now be ready for use.

TEMPERATURE CONTROL

The temperature controls are combination "ON/OFF" switches and thermostats. Turning the dial knob automatically maintains the selected heat range.

The electric hotplate line has one thermostat for every 12" section of electric hotplate. Each thermostat controls the section of the electric hotplate above it and may be set at different temperatures.

COOKING

Set the thermostat dial knob at the temperature desired. After a short pre-heating period, the thermostat will automatically maintain the selected temperature.

HEATING LIGHT

Each thermostat has its own HEATING light which indicates when that section's control knob is active and that section of the unit is not in the off position.

CLEANING CARE

- **DO NOT** use any abrasive or flammable cleaning fluids.
- **DO NOT** hose down, immerse or pressure wash any part of the Electric hotplate, excluding the catch tray.
- **NEVER** use a scrubber pad (on all exterior surfaces, except the electric hotplate plate), steel wool or abrasive material, or cleaners containing chlorine, iodine and ammonia or bromine chemicals as these will deteriorate the stainless steel and shorten the life of the unit.

MAINTENANCE AND REPAIR

Contact a service representative or a local service company for service or required maintenance.

ELECTRIC HOTPLATE SURFACE LIMITED WARRANTY EXCLUSIONS

Your electric hotplate has been designed to give you many years of cooking reliability and requires minimum maintenance to keep the surface in its original condition. All electric hotplate surfaces are warranted for a period of 1 year against manufacturing defects to the original owner from the date of installation. This limited warranty is void if it is determined by one of its authorized representatives that the surface has been misused or abused or subjected to the following situations:

1. Unit was Improperly installed.
2. Incorrect voltage applied to electric units allowing the surface to overheat and discolor.
3. The misuse of any instrument or tool which scratches or makes indentations in the surface which could cause the surface to peel, flake, or chip off.
4. The use of any chemical or abrasive cleaning solution, take out, stone, screen or other cleaning products which could damage and affect the performance of the surface.
5. The neglect of daily routine maintenance to the surface.

THOROUGHLY INSPECT YOUR UNIT ON ARRIVAL

This unit has been tested for before leaving the factory.

Damage may have possibly occurred in shipping. If damage is present, immediately contact the shipping company that delivered the unit and file a claim for shipping damage. If you do not file promptly, the warranty may not be covered.

ELECTRICAL DIAGRAMS

LIMITED WARRANTY

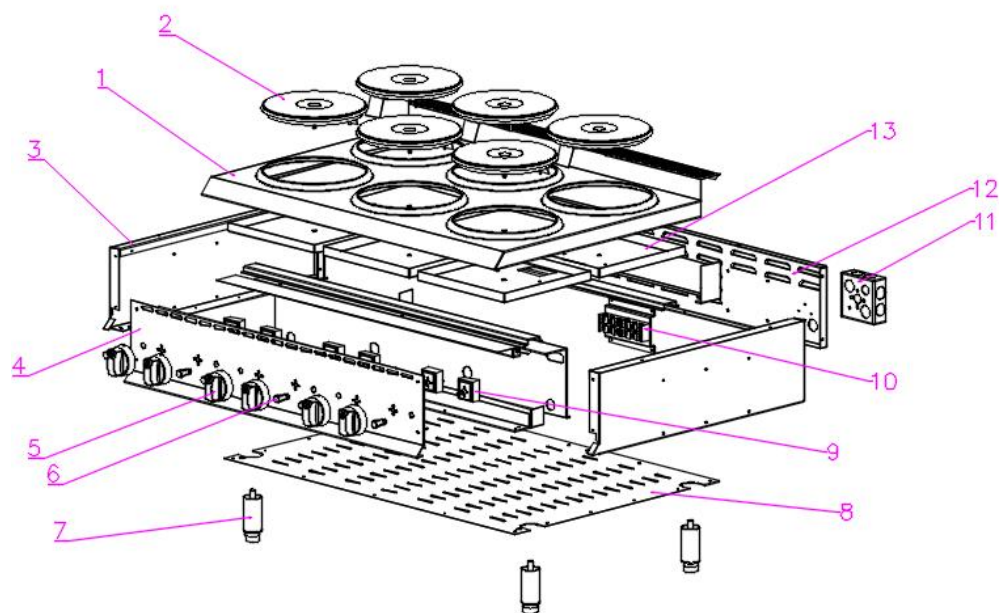
ELECTRIC EQUIPMENT

The Cooking will warrant new electric products to be free from defects in materials and workmanship for a period of one (1) year from the date of installation, **or** two (2) years from manufacturing date, whichever comes first. Proof of purchase is required if 'Warranty Registration Card' is not completed and sent to the company. This warranty includes parts and reasonable labor rates. Travel covers 50 miles (80 km) from authorized service agency. Time and travel exceeding the 50 miles (100 miles round trip) will be the responsibility of the person / buyer requesting the service. Warranty parts may be either repaired or replaced at the company's discretion. Warranty coverage is for commercial application that the product is intended.

WARRANTY CONDITIONS

1. Equipment installation provided by an authorized service company
2. This warranty is limited to the repair or replacement, at the company's option and discretion, without charge of any part or product diagnosed by an authorized service agent as a manufacturing defect within the warranty period.
3. Complete Warranty Registration Card within 30 days after installation to validate warranty coverage. If Registration Card not completed, customer will be required to provide a "Proof Of Purchase" to request warranty service
4. Labor rates are standard. Additional rates, including ***after normal business hours, holidays, weekends, and additional mileage***, etc., will be the responsibility of the customer / end user
5. Mileage rates are covered for 100 miles round trip to place of service. Additional mileage is the responsibility of the customer / end user.
6. Warranty claims to include:
 - A. Model number
 - B. Serial number
 - C. Date of installation
 - D. Technicians diagnosis
7. Warranty exclusions:
 - A. Installations outside of continental United States & Canada
 - B. Warranty is for original equipment owner; non transferable
 - C. Improper installation
 - D. Improper ventilation
 - E. Calibration (this procedure should be performed by authorized installer)
 - F. Harsh chemicals and/or abrasives used on equipment
 - G. Light Bulbs, lambs, indicator lamps, fuses, knobs.
 - H. Damage during transit
 - I. Customer abuse, misuse, neglect, and/or purposes other than a commercial gas/electric equipment environment
 - J. Residential
 - K. Any electric cooking equipment installed in a non-permanent structure, such as a mobile kitchen, food truck, or trailer shall have a thirty (30) days limited warranty from the date of purchase. A proof of purchase is required.

No other warranty, implied or stated, will be acceptable. The above warranty is in lieu of all other liabilities and warranties. The Company will not be responsible for property damage, loss of product, personal injury, punitive or consequential damages, or excessive time / travel associated with a warranty claim.



Exploded view

No.	Part	Q'ty	No.	Part	Q'ty
1	Top plate	1	10	Terminal block	0/0/1/1
2	Round heat plate	1/2/4/6	11	Junction Box	0/0/1/1
3	Side plate	2	12	Back plate	1
4	Panel	1	13	Element connection ASSY	1/2/4/6
5	Knob	1/2/4/6	14		
6	Heating light	1/2/4/6	15		
7	Foot	4	16		
8	Bottom plate	1	17		
9	Infinite switch	1/2/4/6			

A product with the named incorporates the best in durability and low maintenance.

We all recognize, however, that replacement parts and occasional professional service may be necessary to extend the useful life of this unit. When service is needed, contact an Authorized Service Agency, or your dealer. To avoid confusion, always refer to the model number, serial number, and type of your unit.

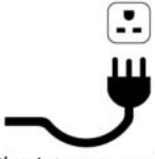


NOMINAL AMPS PER LINE WIRE	
2000 WATTS	2000 WATTS
208V-1PHASE	240V-1PHASE
9.6	8.3
AWG #16	AWG #16

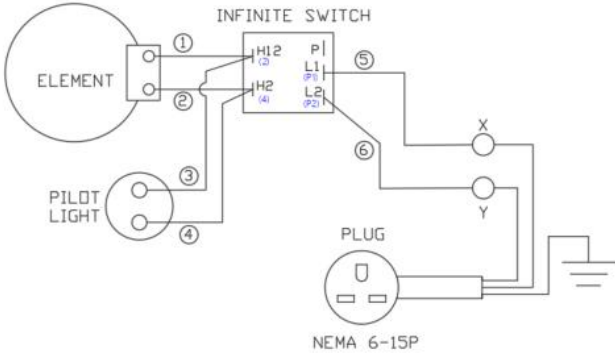
NOTE:
ALL INTERNAL WIRING IS #16GA.

Periodically inspect cable and plug, if provided, before using machine. Servicing should be performed by qualified and licensed service companies.

⚠ WARNING



Plug into a properly grounded three-prong receptacle.



**** Definition of different switch pins


EHP155
15" ELECTRIC HOT PLATE
SINGLE HEAT ELEMENT

NOMINAL AMPS PER LINE WIRE	
4000 WATTS	4000 WATTS
208V-1PHASE	240V-1PHASE
19.2	16.7
AWG #14	AWG #14

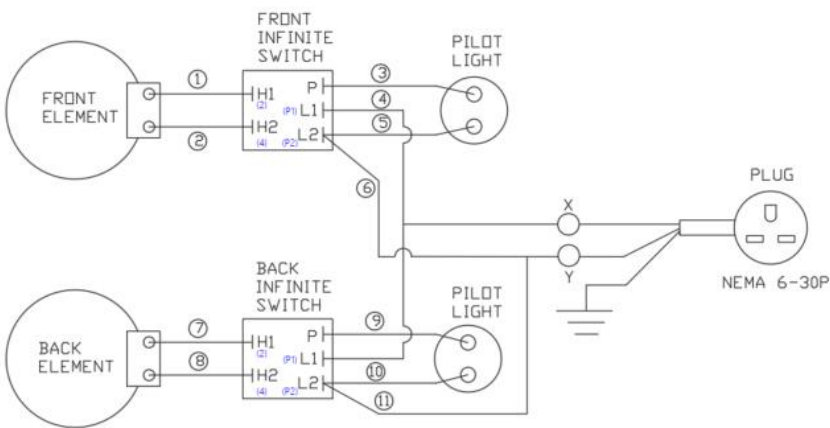
NOTE:
ALL INTERNAL WIRING IS #14GA.

Periodically inspect cable and plug, if provided, before using machine. Servicing should be performed by qualified and licensed service companies.

⚠ WARNING



Plug into a properly grounded three-prong receptacle.

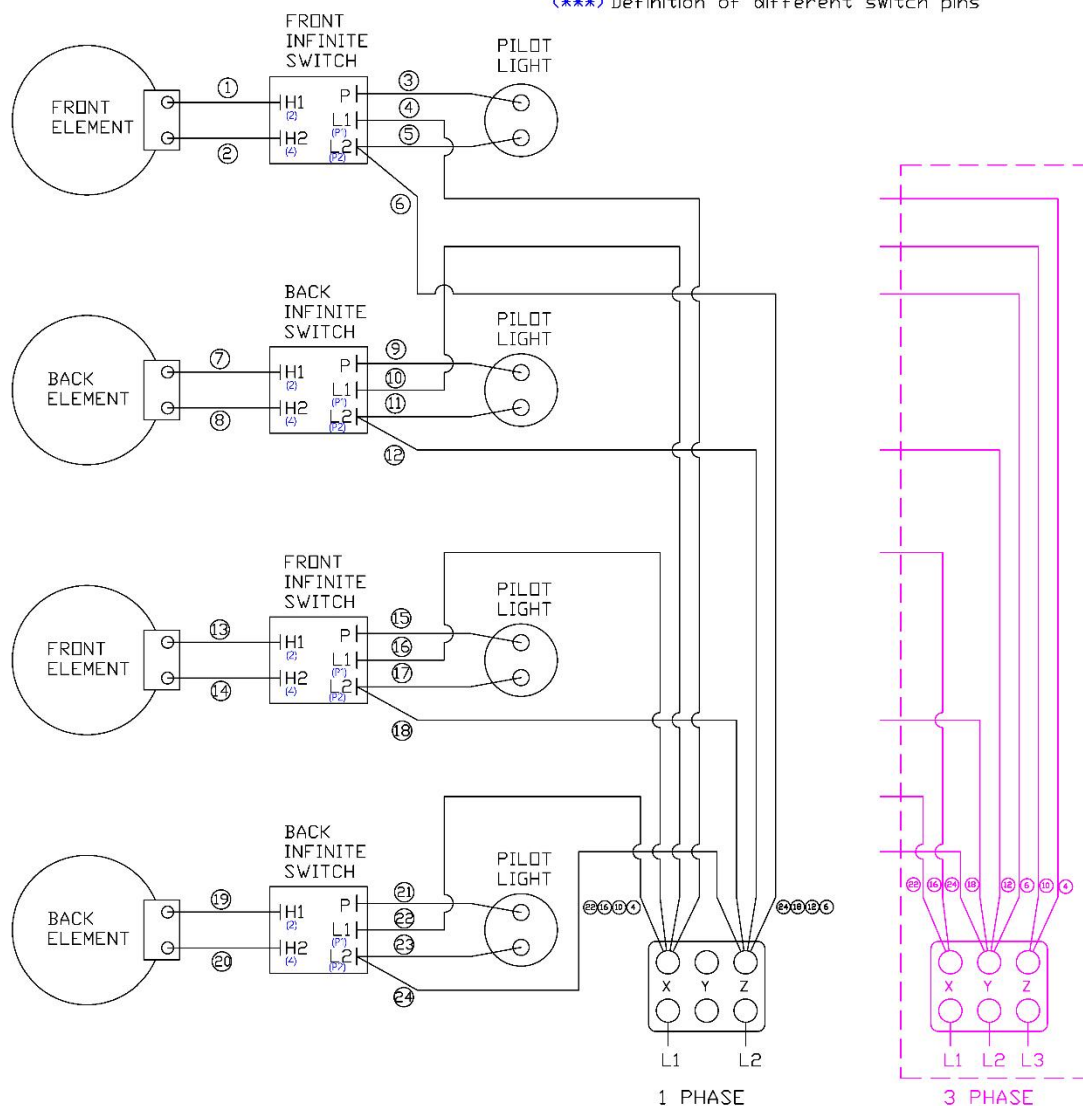


**** Definition of different switch pins

EHP15
15" ELECTRIC HOT PLATE
2 HEAT ELEMENTS

VOLTAGE & PHASE	208V-3 PHASE			240V-3 PHASE			208V-1 PHASE	240V-1 PHASE
RATED WATTS	8000 WATTS			8000 WATTS			8000 WATTS	8000 WATTS
NOMINAL AMPS PER LINE	X	Y	Z	X	Y	Z		
	19.2	33.3	19.2	16.7	28.9	16.7	38.5	33.3
SUPPLY CONNECTIONS USE GA,SHAWN (OR LARGER)	AWG #14	AWG #8	AWG #14	AWG #14	AWG #10	AWG #14	AWG #8	AWG #8

(***) Definition of different switch pins



Periodically inspect cable and plug, if provided, before using machine. Servicing should be performed by qualified and licensed service companies.

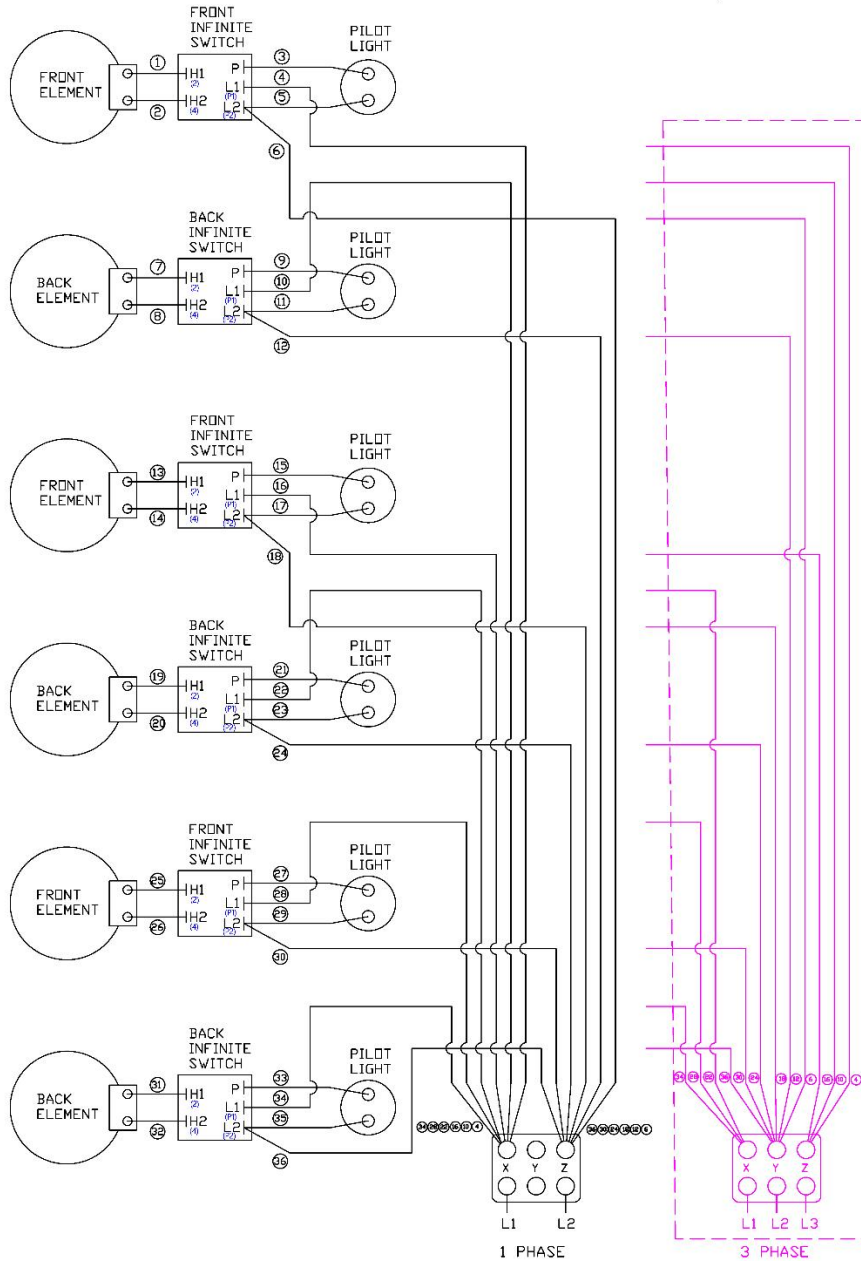
NOTE:

- FOR SUPPLY CONNECTIONS USE COPPER WIRE ONLY, SUITABLE FOR AT LEAST 105°C(221°F) USE GAUGE SHOWN OR LARGER
- ALL INTERNAL WIRING IS #14GA.

EHP24
24" ELECTRIC HOT PLATE
4 HEAT ELEMENTS

VOLTAGE & PHASE	208V-3 PHASE			240V-3 PHASE			208V-1 PHASE	240V-1 PHASE
RATED WATTS	12000 WATTS			12000 WATTS			12000 WATTS	12000 WATTS
NOMINAL AMPS PER LINE	X	Y	Z	X	Y	Z	57.7	50
	33.3	33.3	33.3	28.9	28.9	28.9		
SUPPLY CONNECTIONS USE GA,SHAWN (OR LARGER)	AWG #8			AWG #10			AWG #6	AWG #6

(***) Definition of different switch pins



Periodically inspect cable and plug, if provided, before using machine. Servicing should be performed by qualified and licensed service companies.

NOTE:

- 1) FOR SUPPLY CONNECTIONS USE COPPER WIRE ONLY.
SUITABLE FOR AT LEAST 105°C(221°F)
USE GAUGE SHOWN OR LARGER
- 2) ALL INTERNAL WIRING IS #14GA.

EHP36
36" ELECTRIC HOT PLATE
6 HEAT ELEMENTS

! WARNING: This device should be safely and adequately grounded in accordance with local codes, or in the absence of local codes, with the National Electrical code, ANSI/NFPA 70, Latest Edition to protect the user from electrical shock. It requires a grounded system and a dedicated circuit, protected by a fuse or circuit breaker of proper size and rating. Canadian installation must comply with the Canadian Electrical Code, CSA C22.2, as applicable.

Suggest ground wire 12AWG.