



S E R V I C E

**LXe Series**

## **CUSTOMER MAINTENANCE MANUAL**



This manual is only intended for use by properly trained and qualified customer in-house maintenance for the limited procedures herein.

This manual is not intended to be all encompassing. You should read the maintenance or repair procedure you wish to perform, in its entirety, to determine if you have the necessary tools, instruments and skills required to perform the procedure. Procedures for which you do not have the necessary tools, instruments and skills should be performed by a trained Hobart Service technician.

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# Specification Sheets

Click on image below for most recent edition.

## Lxe Hot and Cold

Sheet # \_\_\_\_\_  
Quantity \_\_\_\_\_ C.S.I. Service 1180

**HOBART**  
1181 Ridge Avenue, Troy, Ohio 45329  
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**LXe**  
**HOT AND COLD**

**STANDARD FEATURES**

- 32 racks per hour - 1 full
- 38 racks per hour - LxAc
- 18 gallons of water per rack
- Hot water or chemical sanitization units available
- Low chemical and indicators
- Sense-A-Temp™ booster heater capable of 70° rise, provided on LxHt models
- Excess indication with tone
- Chemical pump "auto prime"
- Excess diagnosis
- Deep drain stainless steel tank
- Microcomputer, top mounted controls with digital counter/indicator display
- Flushing upper and lower anti-clogging wash arms
- Flushing upper and lower rinse arms
- Removable stainless steel scrape screen
- Corrosion resistant pump
- Automatic pumped drain
- 17" door opening
- Automatic fill
- Detergent and rinse aid pumps standard (also optional pump on chemical machine)
- Electric tank heat
- Two drawers - one pag and one combination type

**MODELS**

- LxHt
- LxAc

**ACCESSORIES**

- Power cord kit
- Stainless steel stand with 8" legs
- 17" stainless steel stand with storage
- Internal center kit
- DWT LxH drain water temping kit

Specifications, Standard Drawings or kits

**UL NSF IAPMO**



**STANDARD VOLTAGES**

- 120/208-240V/50/60 Hz (LxHt model only)
- 120/208V LxAc model only

**OPTIONS AT EXTRA COST**

- 208-240V/50/60 Hz (LxHt model only)
- 208-240V/50/60 Hz (LxAc model only)

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## LXeR Advansys Hot

Sheet # \_\_\_\_\_  
Quantity \_\_\_\_\_ C.S.I. Service 1180

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**LXeR Advansys**  
**HOT**

**STANDARD FEATURES**

- Flacks per hour Light Normal Heavy
- 30 30 30
- 42 gallons of water per rack - LxHt
- Hot water sanitation
- Steam Elimination and Energy Recovery
- NSF Certified pot and pan cycle on heavy cycle
- Low chemical and indicators
- Sense-A-Temp™ booster heater capable of 70° rise
- Chemical pump "auto prime"
- Advanced Service-Diagnostics
- Corrosion resistant pump
- Clogged wash arm opening
- Custom cycle selection - light, normal, heavy
- Automated drain cycle - includes booster heating
- Deep drain stainless steel tank
- Microcomputer, top mounted controls with advanced digital counter/indicator display
- Flushing upper and lower anti-clogging wash arms
- Flushing upper and lower rinse arms
- Removable stainless steel scrape screen
- Corrosion resistant pump
- Energy Saver mode
- Automatic pumped drain
- 17" door opening
- Electric tank heat
- Automatic fill
- Detergent, rinse aid and deflate pumps standard
- Electric tank heat
- Two drawers - one pag and one combination type
- Customizable "Advansys" button to select sanitization function
- Auto drain cycle stop has drain inside of machine at shut-down

**MODELS**

- LxHt - Energy Recovery

**STANDARD VOLTAGE**

- 120/208-240V/50/60 Hz

**OPTIONS AT EXTRA COST**

- 208-240V/50/60 Hz
- 208-240V/50/60 Hz (LxHt model only)
- 208-240V/50/60 Hz (Energy Recovery)
- 208-240V/50/60 Hz (LxHt model only)
- 208-240V/50/60 Hz (Energy Recovery)

**ACCESSORIES**

- Power cord kit
- Stainless steel base with 8" legs
- 17" stainless steel stand with storage
- Internal center kit
- DWT LxH drain water temping kit

Specifications, Standard Drawings or kits

**UL NSF IAPMO**



F48020 - LxeR Advansys Hot Page 1 of 4

## LXeC Chemical Sanitizing

Sheet # \_\_\_\_\_  
Quantity \_\_\_\_\_ C.S.I. Service 1180

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**LXeC**  
**CHEMICAL SANITIZING**  
Undercounter Dishwashing Machine

**STANDARD FEATURES**

- 18 racks per hour
- 18 gallons of water per rack
- Accumulators optional second level rack kit
- Chemical sanitization unit
- Low chemical and indicators
- Excess indication with tone
- Chemical pump "auto prime"
- Advanced service diagnostics
- Deep drain stainless steel tank
- Top mounted digital controls with status indicators
- Flushing upper and lower interchangeable anti-clogging wash arms
- Flushing upper and lower interchangeable rinse arms
- Removable stainless steel scrape screen
- Corrosion resistant pump
- Automatic pumped drain
- 17" door opening
- Automatic fill
- Detergent, rinse aid and sanitizer pumps standard
- Electric tank heat
- Two drawers - one pag and one combination rack

**OPTIONS & ACCESSORIES (Available at extra cost)**

- Power cord kit
- Stainless steel base with 8" legs
- 17" stainless steel stand with storage
- Internal center kit
- DWT LxH drain water temping kit - to comply with plumbing codes
- Solvent reduction panel
- Water hammer arrester kit
- Pressure regulator valve

**SPECIFIER STATEMENT**

Specified unit will be a NSF rated chemical sanitizing undercounter dishwasher operating on a hot water supply only with a 17" door opening feature. Second level rack kit, low chemical and excess indication, 18 gallons per rack, LED tones and speaker display, service diagnostics, detergent, sanitizer and rinse aid pumps, collection of sanitization data.

3 year parts and labor warranty

**UL NSF IAPMO**



**ADDRESS** \_\_\_\_\_  
**DATE** \_\_\_\_\_  
**APPROVED BY** \_\_\_\_\_  
**SIGNATURE** \_\_\_\_\_

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## LXeH High Temperature

Sheet # \_\_\_\_\_  
Quantity \_\_\_\_\_ C.S.I. Service 1180

**HOBART**  
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**LXeH**  
**HIGH TEMPERATURE**  
Undercounter Dishwashing Machine

**STANDARD FEATURES**

- 32 racks per hour
- 18 gallons of water per rack
- Accumulators optional second level rack kit
- Hot water sanitation unit
- Low chemical and indicators
- Sense-A-Temp™ booster heater capable of 70° rise
- Excess indication with tone
- Chemical pump "auto prime"
- Advanced service diagnostics
- Deep drain stainless steel tank
- Top mounted digital controls with status indicators
- Flushing upper and lower interchangeable anti-clogging wash arms
- Flushing upper and lower interchangeable rinse arms
- Removable stainless steel scrape screen
- Corrosion resistant pump
- Automatic pumped drain
- 17" door opening
- Automatic fill
- Detergent and rinse aid pumps standard
- Electric tank heat
- Two drawers - one pag and one combination rack

**OPTIONS & ACCESSORIES (Available at extra cost)**

- Power cord kit
- Stainless steel base with 8" legs
- 17" stainless steel stand with storage
- Internal center kit
- DWT LxH drain water temping kit - to comply with plumbing codes
- Solvent reduction panel
- Water hammer arrester kit
- Pressure regulator valve

**SPECIFIER STATEMENT**

Specified unit will be a NSF rated high temperature undercounter dishwasher operating on a hot water supply only with a 17" door opening feature. Second level rack kit, low chemical and excess indication, 18 gallons per rack, LED tones and speaker display, service diagnostics, rinse aid and detergent pumps, collection of sanitization data.

3 year parts and labor warranty

**UL NSF IAPMO**



**ADDRESS** \_\_\_\_\_  
**DATE** \_\_\_\_\_  
**APPROVED BY** \_\_\_\_\_  
**SIGNATURE** \_\_\_\_\_

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## LXeR Advansys High Temperature

Sheet # \_\_\_\_\_  
Quantity \_\_\_\_\_ C.S.I. Service 1180

**HOBART**  
1181 Ridge Avenue, Troy, Ohio 45329  
419-233-7777 • www.hobart.com

**LXeR Advansys**  
**HIGH TEMPERATURE**  
Undercounter

**STANDARD FEATURES**

- Flacks per hour Light Normal Heavy
- 30 30 30
- 42 gallons of water per rack
- Hot water sanitation
- Steam Elimination and energy recovery
- NSF Certified pot and pan cycle on heavy cycle
- Low chemical and indicators
- Sense-A-Temp™ booster heater capable of 70° rise
- Chemical pump "auto prime"
- Advanced Service-Diagnostics
- Corrosion resistant pump
- Clogged wash arm opening
- Custom cycle selection - light, normal, heavy
- Automated drain cycle - includes booster heating
- Deep drain stainless steel tank
- Microcomputer, top mounted controls with status indicators
- Flushing upper and lower anti-clogging wash arms
- Flushing upper and lower rinse arms
- Removable stainless steel scrape screen
- Corrosion resistant pump
- Energy Saver mode
- Automatic pumped drain
- 17" door opening
- Electric tank heat
- Automatic fill
- Detergent, rinse aid and deflate pumps standard
- Electric tank heat
- Two drawers - one pag and one combination rack

**MODELS**

- LxHt - Energy Recovery

**STANDARD VOLTAGE**

- 120/208-240V/50/60 Hz

**OPTIONS AT EXTRA COST**

- 208-240V/50/60 Hz (LxHt model only)
- 208-240V/50/60 Hz (Energy Recovery)
- 208-240V/50/60 Hz (LxHt model only)
- 208-240V/50/60 Hz (Energy Recovery)

**ACCESSORIES**

- Power cord kit
- Stainless steel base and legs
- 17" stainless steel stand with rack storage
- Internal center kit
- DWT LxH drain water temping kit - to comply with plumbing codes
- Water hammer arrester kit
- Pressure regulator valve

Specifications, Standard Drawings or kits

**UL NSF IAPMO**



**SPECIFIER STATEMENT**

Specified unit will be a NSF rated high temperature undercounter dishwasher operating on a hot water supply only with steam elimination and energy recovery. Features second level rack kit, low chemical and excess indication, 42 gallons per rack, LED tones and speaker display, service diagnostics, rinse aid and detergent pumps, auto deflate, collection of sanitization data.

3 year parts and labor warranty

**ADDRESS** \_\_\_\_\_  
**DATE** \_\_\_\_\_  
**APPROVED BY** \_\_\_\_\_  
**SIGNATURE** \_\_\_\_\_

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# Tools

## **Standard Set of Hand Tools**

- Standard set of hand tools.
- Metric set of hand tools.
- Temperature tester (thermocouple type).
- Field service grounding kit.

# Installation & Operation Manuals

Click on image below for most recent edition.

[LXe Series Instruction Manual \(F38435\)](#)



# Marketing Materials

Click on image below for most recent edition.

## [LXe Manager Mode Programming Card](#)



## [LXe Daily Operation & Cleaning Guide](#)



# Schematics

## LXe & LXGe Cold Series – Multi Tap Transformer – 120V/60Hz/1Ph

**WARNING** Electrical and grounding connections must comply with the applicable portions of the National Electrical Code, ANSI/NFPA 70, latest edition, and/or other local electrical codes.

**AVERTISSEMENT** Le raccordement électrique et la mise à la terre doivent être conformes aux normes concernées du code canadien de l'électricité et/ou de tout autre code d'électricité en vigueur.

SUPPLY	* AMP**	NOTES
120/60/1	C 20	USE L1, N

\* C = CHEMICAL (NON BOOSTER)  
 \*\* MINIMUM SUPPLY CONDUCTOR AMPACITY/MAXIMUM PROTECTIVE DEVICE FOR 90°C MIN

NOTICE: FOR SUPPLY CONNECTIONS USE COPPER WIRE ONLY, SUITABLE FOR 90°C MIN  
 NOTICE: TORQUE POWER LUGS TO 40-45 INCH POUNDS  
 WARNING FOR CONTINUED PROTECTION AGAINST FIRE, REPLACE ONLY WITH SAME TYPE AND RATING FUSE

ALIMENTATION	* A**	REMARQUES
120/60/1	C 20	UTILISER L1, N

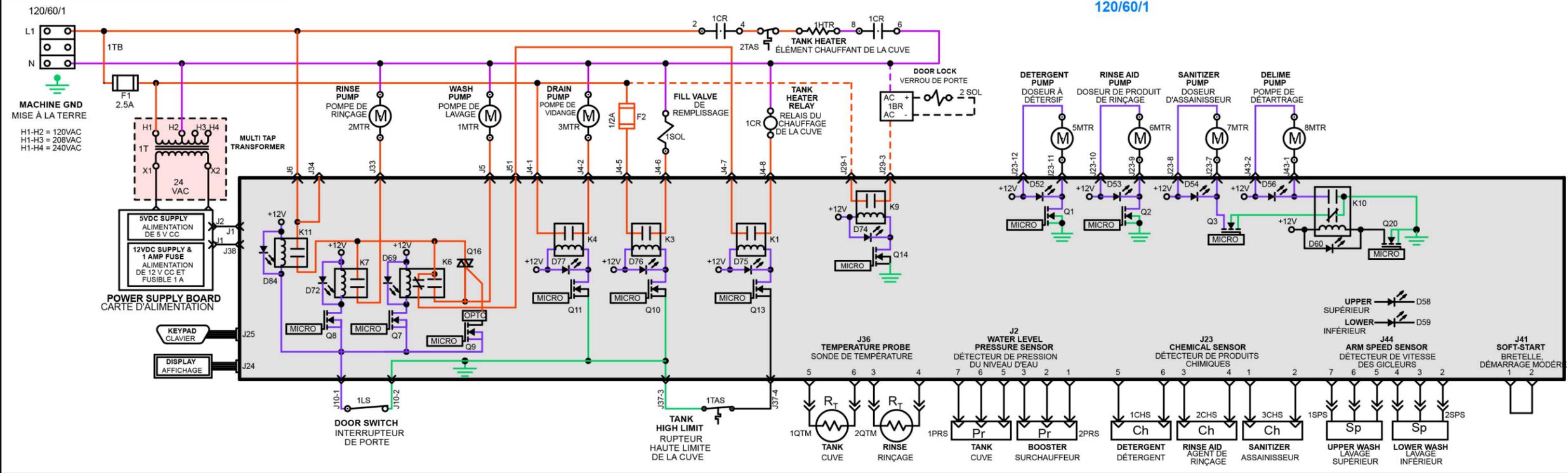
\* C = CHIMIQUE (SANS SURCHAUFFEUR)  
 \*\* INTENSITÉ MINIMALE DU CABLE D'ALIMENTATION ET MAXIMALE DU DISPOSITIF DE PROTECTION

AVIS: POUR LES CONNEXIONS À L'ALIMENTATION, UTILISER UNIQUEMENT DES FILS DE CUIVRE SUPPORTANT AU MOINS 90°C  
 AVIS: SERRER LES COSSES DE PUISSANCE À UN COUPLE DE 40-45 LB/PO  
 AVERTISSEMENT: POUR UNE PROTECTION CONTINUE CONTRE LE FEU, REMPLACER LE FUSIBLE UNIQUEMENT PAR UN FUSIBLE DE MÊME TYPE ET DE MÊME CALIBRE

F-38437C  
**ELECTRICAL DIAGRAM & MACHINE LAYOUT**  
**BASE COLD: LXeC**  
**ADVANSYS: LXePR / LXGePR**  
 120/60/1

F-38437C  
**SCHEMA ÉLECTRIQUE ET CONFIGURATION DE L'APPAREIL**  
**SÉRIE LXe**  
 120/60/1

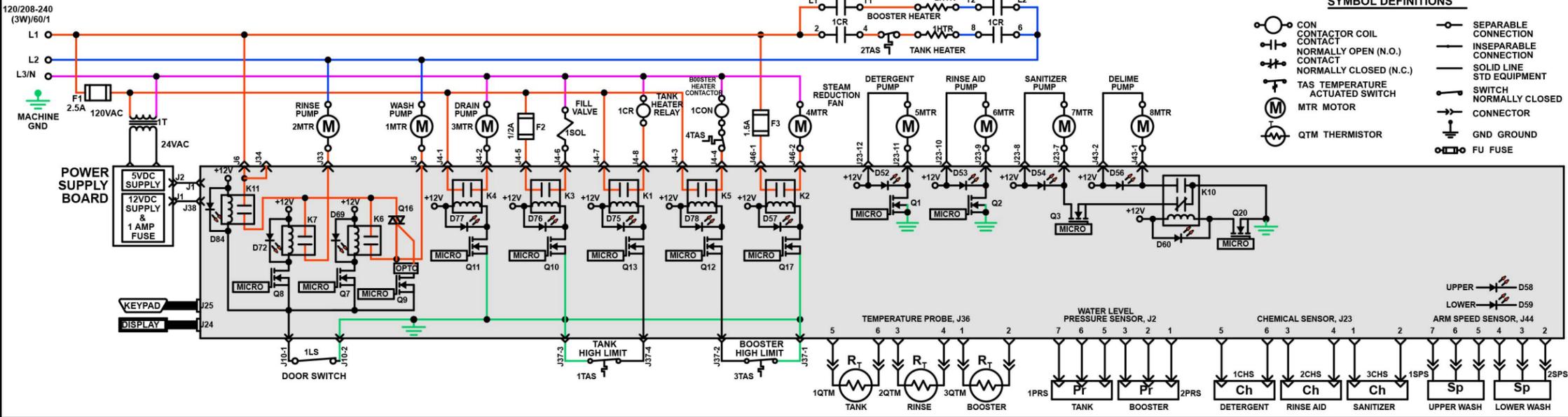
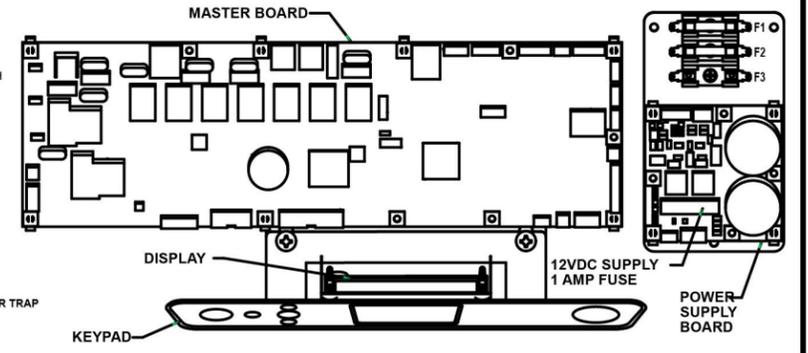
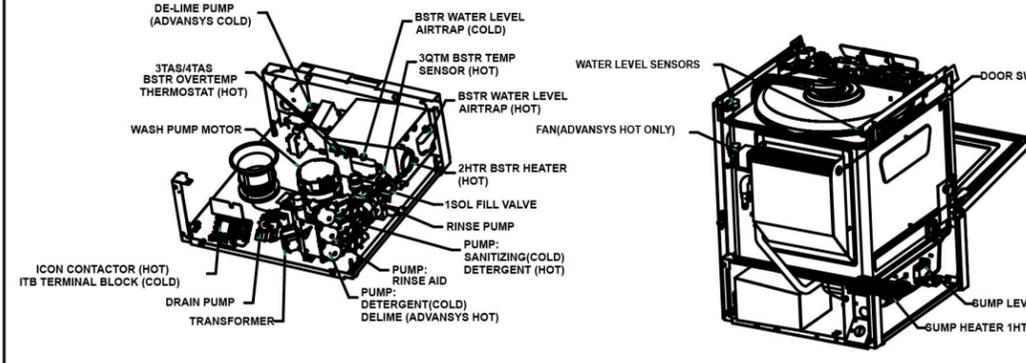
- SYMBOL DEFINITIONS**
- CON CONTACTOR COIL BOBINE-CONTACTEUR
  - CONTACT NORMALLY OPEN (N.O.) CONTACT NORMALEMENT OUVERT (N.O.)
  - CONTACT NORMALLY CLOSED (N.C.) CONTACT NORMALEMENT FERMÉ (N.F.)
  - TAS TEMPERATURE ACTUATED SWITCH INTERRUPTEUR ACTIONNÉ THERMIQUEMENT
  - MTR MOTOR MOTEUR
  - QTM THERMISTOR / THERMISTANCE
  - SEPARABLE CONNECTION CONNEXION SÉPARABLE
  - INSEPARABLE CONNECTION CONNEXION INSÉPARABLE
  - SOLID LINE STD EQUIPMENT TRAIT PLEIN-ÉQUIPEMENT DE SÉRIE
  - SWITCH NORMALLY CLOSED INTERRUPTEUR NORMALEMENT FERMÉ
  - CONNECTOR / CONNECTEUR
  - GND GROUND / TERRE
  - FU FUSE / FUSIBLE
  - OPTION
  - BRIDGE RECTIFIER / PONT REDRESSEUR



A13836

# LXe & LXGe Cold Series – Single Tap Transformer – 120V/60Hz/1Ph

**WARNING** Electrical and grounding connections must comply with the applicable portions of the National Electrical Code, ANSI/NFPA 70, latest edition, and/or other local electrical codes.



# LXe & LXGe Hot Series – 120-240V/60Hz/1Ph 3-Wire

**WARNING** Electrical and grounding connections must comply with the applicable portions of the National Electrical Code, ANSI/NFPA 70, latest edition, and/or other local electrical codes.

**AVERTISSEMENT** Le raccordement électrique et la mise à la terre doivent être conformes aux normes concernées du Code national électrique, ANSI/NFPA 70, édition la plus récente et/ou de tout autre code d'électricité en vigueur.



F-38436D  
ELECTRICAL DIAGRAM  
& MACHINE LAYOUT  
LXe SERIES  
120/208-240/60/1 3 WIRE  
120/208/60/1 3 WIRE  
120/240/60/1 3 WIRE

F-38436D  
SCHEMA ÉLECTRIQUE  
ET CONFIGURATION DE L'APPAREIL  
SÉRIE LXe  
3 CÂBLES 120/208-240/60/1  
3 CÂBLES 120/208/60/1  
3 CÂBLES 120/240/60/1

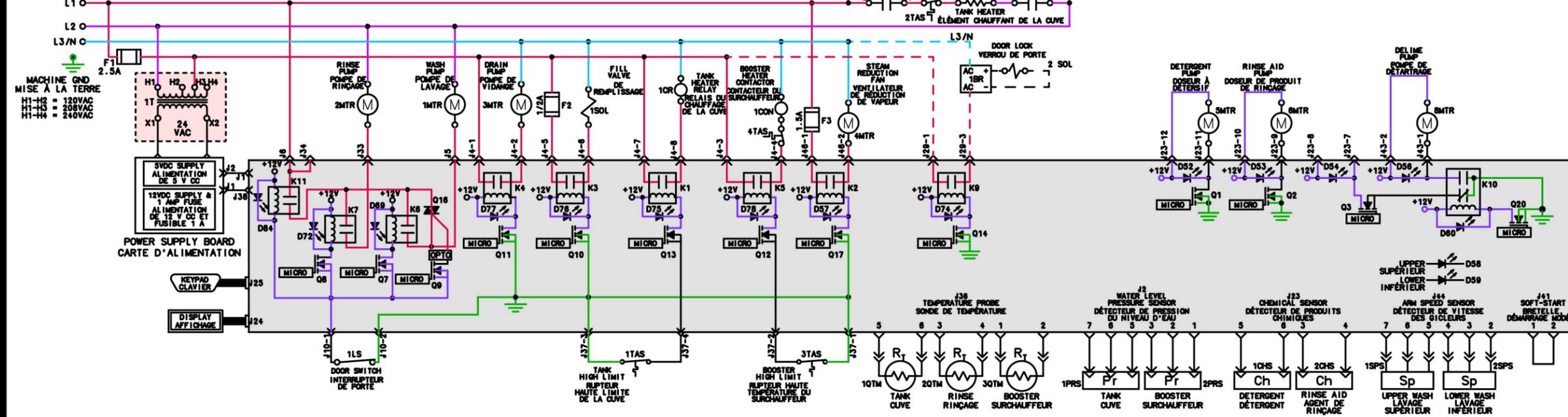
SUPPLY	A	AMP**	NOTES
120/208-240(3W)/60/1	H	40	CURRENT CARRYING NEUTRAL
120/208(3W)/60/1	H	40	CURRENT CARRYING NEUTRAL
120/240(3W)/60/1	H	40	CURRENT CARRYING NEUTRAL

\* HOT = HOT (BOOSTER)  
\*\* MINIMUM SUPPLY CONDUCTOR AMPACITY/MAXIMUM PROTECTIVE DEVICE  
NOTICE: FOR SUPPLY CONNECTIONS USE COPPER WIRE ONLY, SUITABLE FOR 90°C MIN  
NOTICE: TORQUE POWER LUGS TO 40-45 INCH POUNDS  
WARNING FOR CONTINUED PROTECTION AGAINST FIRE, REPLACE ONLY WITH SAME TYPE AND RATING FUSE

ALIMENTATION	A	A**	REMARQUES
120/208-240(3W)/60/1	H	40	NEUTRE SOUS TENSION
120/208(3W)/60/1	H	40	NEUTRE SOUS TENSION
120/240(3W)/60/1	H	40	NEUTRE SOUS TENSION

\* CHARGÉ = CHARGÉ (SURCHAUFFEUR)  
\*\* INTENSITÉ MINIMALE DU CONDUCTEUR D'ALIMENTATION/DISPOSITIF DE PROTECTION MAXIMALE  
AVIS: POUR LES CONNEXIONS À L'ALIMENTATION, UTILISER UNIQUEMENT DES FILS DE CUIVRE SUPPORTANT AU MOINS 90°C  
AVIS: SERRER LES COSSES DE PUISSANCE À UN COUPLE DE 40-45 LB/PO  
AVERTISSEMENT: POUR UNE PROTECTION CONTINUE CONTRE LE FEU, REMPLACER LE FUSIBLE UNIQUEMENT PAR UN FUSIBLE DE MÊME TYPE ET DE MÊME CALIBRE

120/208-240(3W)/60/1  
120/208(3W)/60/1  
120/240(3W)/60/1



- SYMBOL DEFINITIONS**
- ○ CONTACTOR COIL BOBINE-CONTACTEUR
  - ○ ○ CONTACT NORMALLY OPEN (N.O.) CONTACT NORMALEMENT OUVERT (N.O.)
  - ○ ○ CONTACT NORMALLY CLOSED (N.C.) CONTACT NORMALEMENT FERMÉ (N.F.)
  - ○ ○ TAS TEMPERATURE ACTUATED SWITCH INTERRUPTEUR ACTIONNÉ THERMIQUEMENT
  - ○ ○ MTR MOTOR MOTEUR
  - ○ ○ QTM THERMISTOR/THERMISTANCE
  - ○ ○ SEPARABLE CONNECTION CONNEXION SÉPARABLE
  - ○ ○ INSEPARABLE CONNECTION CONNEXION INSÉPARABLE
  - ○ ○ SOLID LINE STD EQUIPMENT TRAIT PLEIN-ÉQUIPEMENT DE SÉRIE
  - ○ ○ SWITCH NORMALLY CLOSED INTERRUPTEUR NORMALEMENT FERMÉ
  - ○ ○ CONNECTOR / CONNECTEUR
  - ○ ○ GND GROUND/TERRE
  - ○ ○ FU FUSE/FUSIBLE
  - ○ ○ OPTION
  - ○ ○ BRIDGE RECTIFIER / PONT REDRESSEUR

# LXe & LXGe Hot Series – Multi Tap Transformer – 208-240V/50 & 60Hz/1 & 3Ph



**WARNING** Electrical and grounding connections must comply with the applicable portions of the National Electrical Code, ANSI/NFPA 70, latest edition, and/or other local electrical codes.

**AVERTISSEMENT** Le raccordement électrique et la mise à la terre doivent être conformes aux normes concernées du code canadien de l'électricité et/ou de tout autre code d'électricité en vigueur.

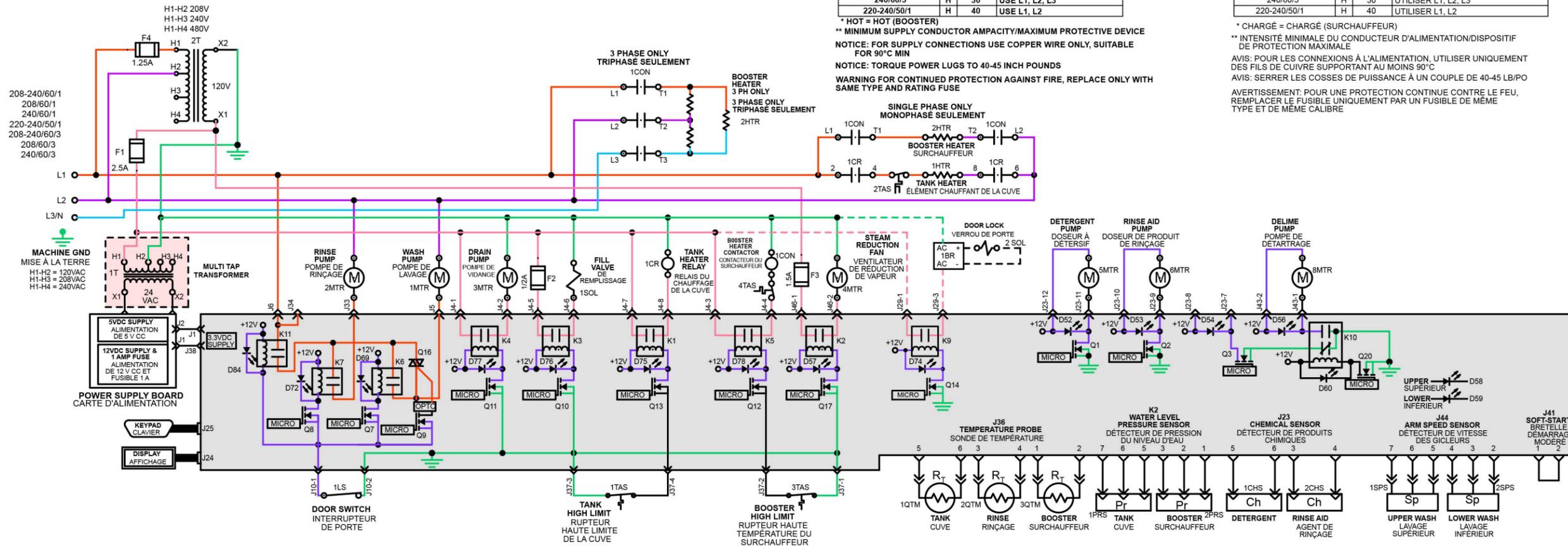
SUPPLY	*	AMP**	NOTES
208-240/60/1	H	40	USE L1, L2
208/60/1	H	40	USE L1, L2
240/60/1	H	40	USE L1, L2
208-240/60/3	H	30	USE L1, L2, L3
208/60/3	H	30	USE L1, L2, L3
240/60/3	H	30	USE L1, L2, L3
220-240/50/1	H	40	USE L1, L2

ALIMENTATION	*	A**	REMARQUES
208-240/60/1	H	40	UTILISER L1, L2
208/60/1	H	40	UTILISER L1, L2
240/60/1	H	40	UTILISER L1, L2
208-240/60/3	H	30	UTILISER L1, L2, L3
208/60/3	H	30	UTILISER L1, L2, L3
240/60/3	H	30	UTILISER L1, L2, L3
220-240/50/1	H	40	UTILISER L1, L2

\* HOT = HOT (BOOSTER)  
 \*\* MINIMUM SUPPLY CONDUCTOR AMPACITY/MAXIMUM PROTECTIVE DEVICE  
 NOTICE: FOR SUPPLY CONNECTIONS USE COPPER WIRE ONLY, SUITABLE FOR 90°C MIN  
 NOTICE: TORQUE POWER LUGS TO 40-45 INCH POUNDS  
 WARNING FOR CONTINUED PROTECTION AGAINST FIRE, REPLACE ONLY WITH SAME TYPE AND RATING FUSE

\* CHARGÉ = CHARGÉ (SURCHAUFFEUR)  
 \*\* INTENSITÉ MINIMALE DU CONDUCTEUR D'ALIMENTATION/DISPOSITIF DE PROTECTION MAXIMALE  
 AVIS: POUR LES CONNEXIONS À L'ALIMENTATION, UTILISER UNIQUEMENT DES FILS DE CUIVRE SUPPORTANT AU MOINS 90°C  
 AVIS: SERRER LES COSSES DE PUISSANCE À UN COUPLE DE 40-45 LB/PO  
 AVERTISSEMENT: POUR UNE PROTECTION CONTINUE CONTRE LE FEU, REMPLACER LE FUSIBLE UNIQUEMENT PAR UN FUSIBLE DE MÊME TYPE ET DE MÊME CALIBRE

- SYMBOL DEFINITIONS**
- CON CONTACTOR COIL BOBINE-CONTACTEUR
  - CONTACT NORMALLY OPEN (N.O.) CONTACT NORMALEMENT OUVERT (N.O.)
  - CONTACT NORMALLY CLOSED (N.C.) CONTACT NORMALEMENT FERMÉ (N.F.)
  - TAS TEMPERATURE ACTUATED SWITCH INTERRUPTEUR ACTIONNÉ THERMIQUEMENT
  - MTR MOTOR MOTEUR
  - QTM THERMISTOR / THERMISTANCE
  - SEPARABLE CONNECTION CONNEXION SÉPARABLE
  - INSEPARABLE CONNECTION CONNEXION INSÉPARABLE
  - SOLID LINE STD EQUIPMENT TRAIT PLEIN-ÉQUIPEMENT DE SÉRIE
  - SWITCH NORMALLY CLOSED INTERRUPTEUR NORMALEMENT FERMÉ
  - CONNECTOR / CONNECTEUR
  - GND GROUND / TERRE
  - FU FUSE / FUSIBLE
  - OPTION
  - 3 PHASE OR 1 PHASE TRIPHASÉ OR MONOPHASÉ
  - BRIDGE RECTIFIER / PONT REDRESSEUR



**F-38438D**  
**ELECTRICAL DIAGRAM & MACHINE LAYOUT**  
**LXe / LXGe HOT SERIES**  
**BASE: LXeH**  
**ADVANSYS: LXeR / LXeSR / LXGeR**  
 208-240/60/1  
 208/60/1, 240/60/1  
 220-240/50/1  
 208-240/60/3  
 208/60/3, 240/60/3

F-38438D  
 SCHÉMA ÉLECTRIQUE ET CONFIGURATION DE L'APPAREIL SÉRIE LXe  
 208-240/60/1  
 208/60/1, 240/60/1  
 220-240/50/1  
 208-240/60/3  
 208/60/3, 240/60/3

# LXe & LXG2 Hot Series & Sanitizer – 3-Wire Non-Multi Tap Transformer – 120-240V/60Hz/1Ph

**WARNING** Electrical and grounding connections must comply with the applicable portions of the National Electrical Code, ANSI/NFPA 70, latest edition, and/or other local electrical codes.

**AVERTISSEMENT** Le raccordement électrique et la mise à la terre doivent être conformes aux normes concernées du code canadien de l'électricité et/ou de tout autre code d'électricité en vigueur.

**F-38436D**  
**ELECTRICAL DIAGRAM**  
**& MACHINE LAYOUT**  
**LXe & LXGe SERIES**  
**BASE: LXeH / LXGeH**  
**ADVANSYS: LXeR / LXGeR**  
**120/208-240/60/1 3 WIRE**  
**120/208/60/1 3 WIRE**  
**120/240/60/1 3 WIRE**



**F-38436D**  
**SCHÉMA ÉLECTRIQUE**  
**ET CONFIGURATION DE L'APPAREIL**  
**SÉRIE LXe**  
**3 CÂBLES 120/208-240/60/1**  
**3 CÂBLES 120/208/60/1**  
**3 CÂBLES 120/240/60/1**

SUPPLY	*	AMP**	NOTES
120/208-240(3W)/60/1	H	40	CURRENT CARRYING NEUTRAL
120/208(3W)/60/1	H	40	CURRENT CARRYING NEUTRAL
120/240(3W)/60/1	H	40	CURRENT CARRYING NEUTRAL

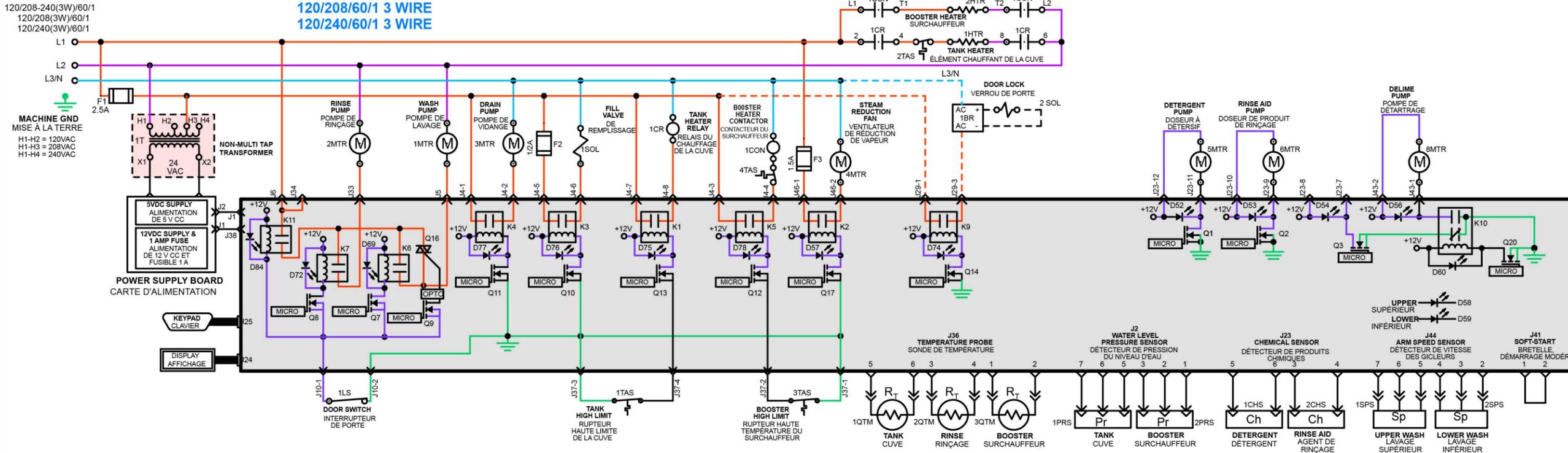
\* HOT = HOT (BOOSTER)  
 \*\* MINIMUM SUPPLY CONDUCTOR AMPACITY/MAXIMUM PROTECTIVE DEVICE  
 NOTICE: FOR SUPPLY CONNECTIONS USE COPPER WIRE ONLY, SUITABLE FOR 90°C MIN  
 NOTICE: TORQUE POWER LUGS TO 40-45 INCH POUNDS  
 WARNING FOR CONTINUED PROTECTION AGAINST FIRE, REPLACE ONLY WITH SAME TYPE AND RATING FUSE

ALIMENTATION	*	A**	REMARQUES
120/208-240(3W)/60/1	H	40	NEUTRE SOUS TENSION
120/208(3W)/60/1	H	40	NEUTRE SOUS TENSION
120/240(3W)/60/1	H	40	NEUTRE SOUS TENSION

\* CHARGÉ = CHARGÉ (SURCHAUFFEUR)  
 \*\* INTENSITÉ MINIMALE DU CONDUCTEUR D'ALIMENTATION/DISPOSITIF DE PROTECTION MAXIMALE  
 AVIS: POUR LES CONNEXIONS À L'ALIMENTATION, UTILISER UNIQUEMENT DES FILS DE CUIVRE SUPPORTANT AU MOINS 90°C  
 AVIS: SERRER LES COSSES DE PUISSANCE À UN COUPLE DE 40-45 LB/PO  
 AVERTISSEMENT: POUR UNE PROTECTION CONTINUE CONTRE LE FEU, REMPLACER LE FUSIBLE UNIQUEMENT PAR UN FUSIBLE DE MÊME TYPE ET DE MÊME CALIBRE

120/208-240(3W)/60/1  
 120/208(3W)/60/1  
 120/240(3W)/60/1

**MACHINE GND**  
 MISE À LA TERRE  
 H1-H2 = 120VAC  
 H1-H3 = 208VAC  
 H1-H4 = 240VAC



- SYMBOL DEFINITIONS**
- CON CONTACTOR COIL
  - BOBINE-CONTACTEUR
  - CONTACT NORMALLY OPEN (N.O.)
  - CONTACT NORMALEMENT OUVERT (N.O.)
  - CONTACT NORMALLY CLOSED (N.C.)
  - CONTACT NORMALEMENT FERMÉ (N.F.)
  - TAS TEMPERATURE ACTUATED SWITCH
  - INTERRUPTEUR ACTIONNÉ THERMIQUEMENT
  - MTR MOTOR
  - MOTEUR
  - QTM THERMISTOR / THERMISTANCE
  - SEPARABLE CONNECTION
  - CONNEXION SÉPARABLE
  - INSEPARABLE CONNECTION
  - CONNEXION INSÉPARABLE
  - SOLID LINE STD EQUIPMENT
  - TRAIT PLEIN-ÉQUIPEMENT DE SÉRIE
  - SWITCH NORMALLY CLOSED
  - INTERRUPTEUR NORMALEMENT FERMÉ
  - CONNECTOR / CONNECTEUR
  - GND GROUND / TERRE
  - FU FUSE / FUSIBLE
  - OPTION
  - BRIDGE RECTIFIER / PONT REDRESSEUR

AI3835

# Troubleshooting

This section outlines various symptoms and possible causes that may be encountered in the event of abnormal machine operation. If symptoms persist after possible causes have been checked, service may be required.

<b>Symptom</b>	<b>Possible Causes</b>
No machine operation (no display).	<ol style="list-style-type: none"> <li>1. Machine OFF - turn machine ON.</li> <li>2. Blown fuse or circuit breaker off at power supply.</li> <li>3. Cord not plugged in (corded models only).</li> </ol>
No machine operation (with display).	<ol style="list-style-type: none"> <li>1. Display: "DOOR OPEN" - open and close door. If problem persists, contact your local Hobart Service Office.</li> <li>2. See "Machine will not fill or will not fill high enough".</li> </ol>
Dishes not clean.	<ol style="list-style-type: none"> <li>1. Strainers clogged causing inadequate water supply to pump - clean according to instructions. (See CLEANING in Operators manual.)</li> <li>2. Obstruction in wash arm(s) or wash arms will not turn - clean according to instructions. (See CLEANING in operators manual.)</li> <li>3. Wash and/or rinse arms will not turn - check that they spin freely.</li> <li>4. Detergent dispenser may be clogged.</li> <li>5. Soil quantity - scrape dishes before cycle.</li> <li>6. Improper rack loading. (See PREPARATION in operators manual.)</li> <li>7. Low water - check water supply.</li> <li>8. Water temperature too low - note wash temperature on display during WASH; should be above 120°F for chemical sanitizing machines and above 150°F for high temperature machines.</li> <li>9. Incoming water supply turned off.</li> </ol>
Spotting of silverware, glasses, or dishes.	<ol style="list-style-type: none"> <li>1. Improperly loaded racks.</li> <li>2. Water temperature too low.</li> <li>3. Improper type or concentration of detergent - contact your chemical representative.</li> <li>4. Hard water - install a water softener; use a rinse agent.</li> <li>5. Insufficient fill - check water supply.</li> </ol>
Chemicals not feeding.	<ol style="list-style-type: none"> <li>1. Low on chemicals - check levels.</li> <li>2. Air leak at feeder hose connections - check insertion of quick connect fittings and wire ties at tube to tube connections.</li> <li>3. Tubes kinked - check for smooth bends.</li> </ol>
Food soils remain in dishwasher.	<ol style="list-style-type: none"> <li>1. Follow daily cleaning instructions. (See CLEANING in operators manual.)</li> </ol>
Appearance of rust in machine.	<ol style="list-style-type: none"> <li>1. Ensure steel wool is not used to clean machine.</li> <li>2. May be due to high iron content in water supply.</li> </ol>

Symptom	Possible Causes
Unexpected results on dishes.	<ol style="list-style-type: none"> <li>1. Etching - usually caused by any combination of high temperatures, soft water, soft glass, or high alkaline washing solutions.</li> <li>2. Tarnishing - avoid washing silver, silver plates, and pewter in chemical sanitizing machines.</li> <li>3. Pitting - stainless steel may pit with lengthy contact of foods containing salt, fruit juices, vinegar, etc. Wash immediately.</li> <li>4. Black or gray marks - may have been rubbed with aluminum.</li> <li>5. Brown stains - may be due to high iron content in water supply.</li> <li>6. Chipping - improper loading or ware is too delicate.</li> <li>7. Fading of china patterns - usually due to high water temperature and strong detergent. Check that china is dishwasher compatible.</li> <li>8. Wooden ware damage - avoid washing in dishwasher.</li> <li>9. Rust on cast iron - seasoning is lost in dishwasher. Avoid washing in dishwasher.</li> <li>10. Plastic ware distortion - high temperatures. Check plastic ware's instructions.</li> </ol>
Low temperature readings.	<ol style="list-style-type: none"> <li>1. Low water supply temperature - make sure it meets the recommended minimum temperature.</li> <li>2. Rapid cycle use - if incoming water temperature is low and cycle use rate is high, the hot water supply may be insufficient to meet the demand.</li> <li>3. Heavy ware load cools wash water - do not overload racks.</li> <li>4. Booster heater or sump heater set low - contact your local Hobart Service Office.</li> </ol>
Machine will not fill or will not fill high enough.	<ol style="list-style-type: none"> <li>1. Low water pressure - check for clogged hose strainer; ensure the site water pressure meets minimum flow pressures.</li> <li>2. No water flow - main water supply valves may not be working.</li> </ol>
Machine fills too high or leaks from door.	<ol style="list-style-type: none"> <li>1. Machine not level. (see LEVELING in operators manual.)</li> <li>2. Fill solenoid valve leaking - power the dishwasher OFF; if water continues to flow into the machine, contact your local Hobart Service Office.</li> </ol>
Machine will not drain.	<ol style="list-style-type: none"> <li>1. Drain pipes restricted - check dishwasher drain line for kinks; ensure proper drain rate is allowed from plumbing.</li> <li>2. Power machine OFF. Wait several seconds and then power back ON. Repeat this procedure twice if necessary. If problem persists, contact your local Hobart Service Office.</li> </ol>
Some water occasionally drips out of rinse arms (high temperature dishwashers only).	This is normal due to expansion of water being heated in the booster tank.

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