

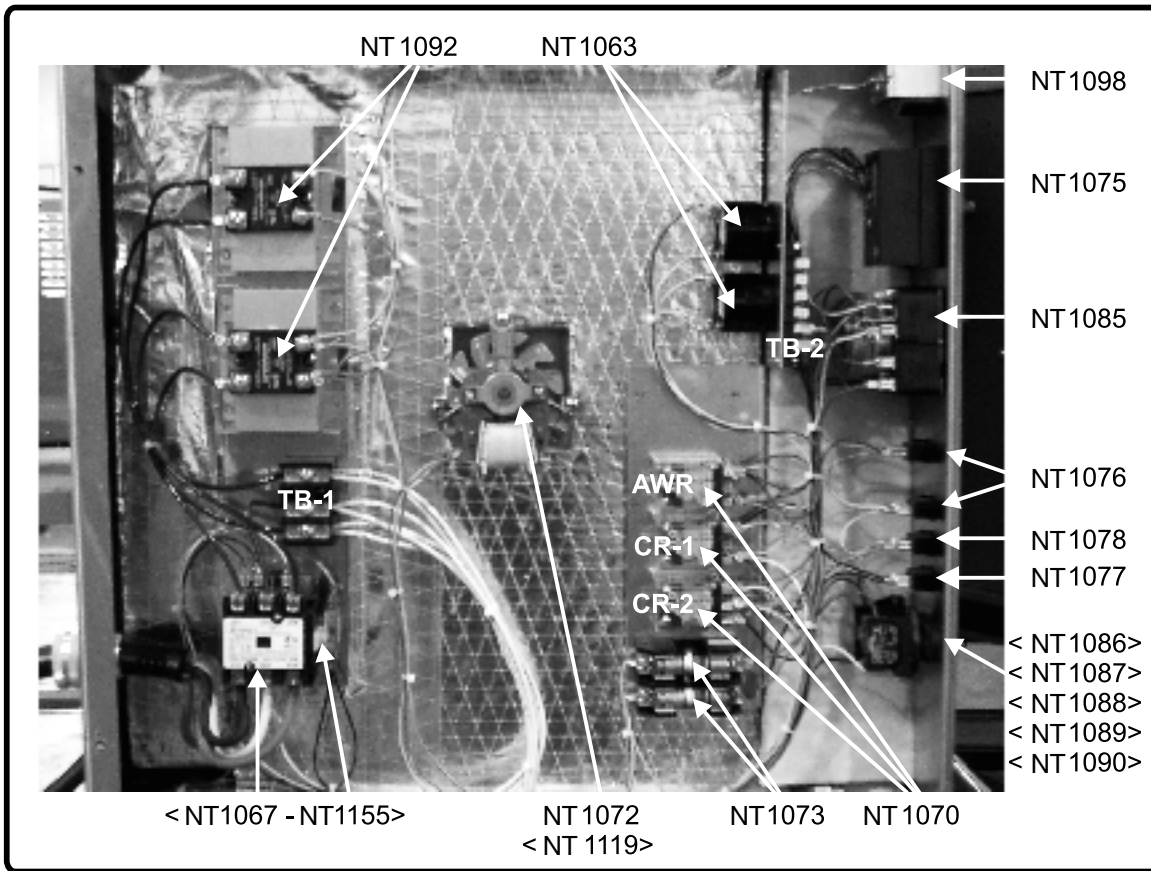
# *INTEK*®

## **SERVICE MANUAL / PARTS LIST**

**ALL ELECTRIC MODELS and VOLTAGES**



1055 Mendell Davis Drive • Jackson MS 39272  
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**FIGURE 1**  
**XS-208-12-3 (3 Phase Unit Shown)**

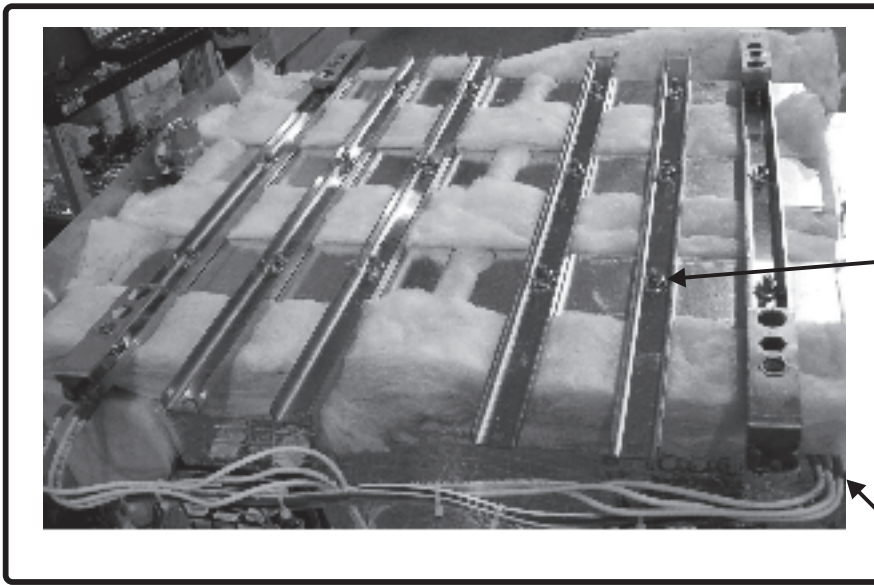
**INTEK P/N**

**Description**

NT1063	Buzzer, Continuous, Low Water / End of Cycle
NT1067	DP Contactor, Main Power
NT1070	Relay, 220V, Control
NT1072	Fan, Convection (Includes Blade Assy.)
NT1073	Fuse, 5 Amp
NT1075	Thermostat, Hold 100-212 Degrees
NT1076	Lamp, Red
NT1077	Lamp, Blue
NT1078	Lamp, Amber
NT1085	Timer, 90 Minute
NT1086	Operator, Switch, PB, On
NT1087	Operator, Switch, PB, Off
NT1088	Mounting Latch, On / Off Switches
NT1089	Contact, NC, Off Switch
NT1090	Contact, NO, On Switch
NT1092	Solid State Relay, 75A, AC Input
NT1098	Thermometer, Analog 100-220 Degrees
NT1155	Aux. Contact, DP Contactor
NT1119	Shaft Seal, 6mm Teflon



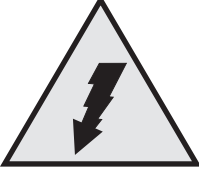
**REFER TO WIRING DIAGRAM FOR ADDITIONAL INFORMATION**



**IMPORTANT**  
 Apply Loc-Tite™  
 Removable-  
 ThreadLocker™  
**AND**  
 Torque Clamping  
 Nuts to 65in.lbs. /  
 5.5ft.lbs.

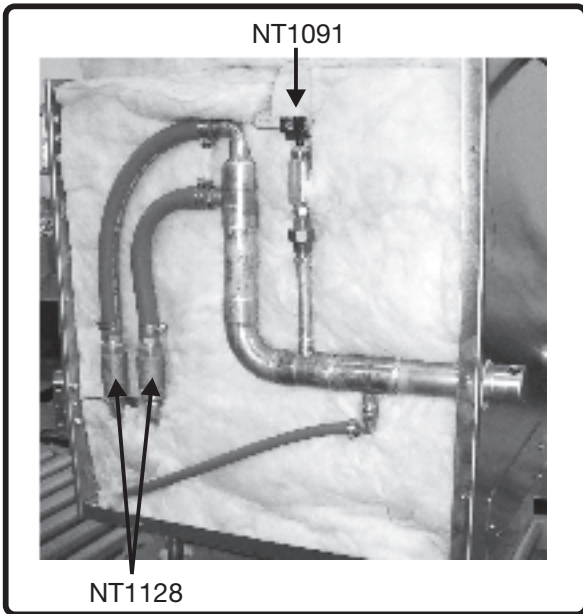
**FIGURE 2**

*Heater Is Located Under  
 Bracket / Clamp Assembly*



**WARNING**  
 TO PREVENT ELECTRICAL SHOCK DISCONNECT  
 AC INCOMING POWER BEFORE SERVICING.

NO USER SERVICEABLE PARTS INSIDE.  
 REFER SERVICING TO QUALIFIED  
 SERVICE PERSONNEL ONLY.



**FIGURE 3**

**INTEK P/N**

**Description**

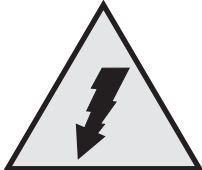
NT1009	Heater, 208V, 12kW
NT1011	Heater, 240V, 12kW
NT1012	Heater, 208V, 6.24kW
NT1013	Heater, 240V, 6.24kW
NT1045	Heater, 208V, 8.5kW
NT1046	Heater, 240V, 8.5kW
NT1269	Heater, 208V, 14.4kW
NT1270	Heater, 240V, 14.4kW
NT1091	Switch, Pressure, 1/8" NPT
NT1797	Heater, 208V, 14.4kW (new ver.)
NT1798	Heater, 240V, 14.4kW (new ver.)
NT1128	Valve, Check, 3/4"

**PARTS NOT SHOWN**

NT1079	Thermostat, Bi-metal, 325F
NT1080	Thermostat, Bi-metal, 410F
NT1100	Switch, Reed, Door
NT1018	Door Seal

**REFER TO WIRING DIAGRAM FOR ADDITIONAL INFORMATION**

# TROUBLESHOOTING GUIDE

	<p><b>WARNING</b></p> <p><i>TO PREVENT ELECTRICAL SHOCK DISCONNECT AC INCOMING POWER BEFORE SERVICING.</i></p> <p><i>NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.</i></p>
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SYMPTOM	POSSIBLE CAUSE
<p>No Lights When ON Is Pressed</p>	<p>Facility Main Breaker, Unit Ran Dry- No Water In Chamber, F1/F2 Fuse, Hi-Limit (OT-1), MC, CR-1 or N.O. Contact-ON Pushbutton</p>
<p>Unit Turns ON When "ON" Pushed- Turns OFF When Released</p>	<p>Auxiliary Contact on MC, N.C. Contact- OFF Pushbutton</p>
<p>"Add Water" Light On</p>	<p>Not Enough Water In Chamber, Build-Up (Lime) On Chamber Bottom, OT-2/OT-3 or AWR.</p>
<p>Unit Won't Heat Up: 1) w/ Steam Out Exhaust 2) w/o Steam Out Exhaust</p>	<p>PS-1, SSR-1/SSR-2, CR-2 Not Working In Cook Mode Steam Orifice Is Blocked</p>
<p>Heat Stays On (Light Stays On)</p>	<p>Normal When Door Open, PS-1, SSR-1/SSR-2 (If Door Is Leaking Steam- Adjust First)</p>
<p>Heat Stays On (Light Cycles)</p>	<p>SSR-1/SSR-2</p>

## OPERATING SUMMARY

When the timer is at the HOLD position, heat is controlled by the HOLD Thermostat. When the timer is at any other position, heat is directly controlled by PS-1 (pressure switch). Note: Both COOK and HOLD Mode heat outputs are directed through PS-1.

It is normal for the Heat Indicator Light to cycle ON and OFF.

The Convection Fan (CFM) is only on during the cooking cycle.

**REFER TO WIRING DIAGRAM FOR ADDITIONAL INFORMATION**

**WARNING**

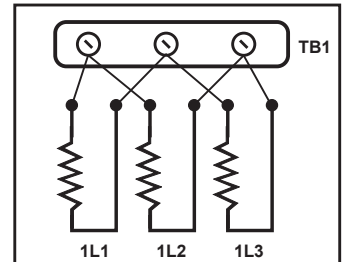
REFER SERVICING TO QUALIFIED PERSONNEL ONLY. DISCONNECT AC INCOMING POWER BEFORE SERVICING.

**IMPORTANT**  
DO NOT CONNECT POWER TO L3 ON SINGLE PHASE UNITS

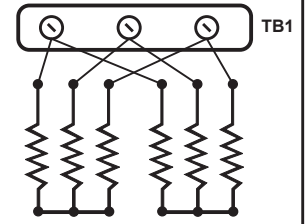
THIS LEG REMOVED ON SINGLE PHASE UNITS

TO TB1

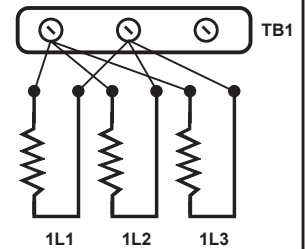
HEATING ELEMENT CONFIGURATION  
SELECT MODEL BELOW



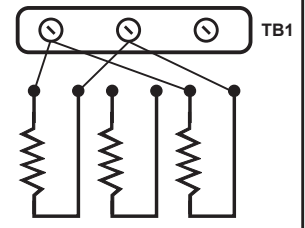
MODELS: XS208-8-3, XS240-8-3  
XS208-12-3, XS240-12-3  
XS480-12-3  
< S/N 5500  
XS208-14-3, XS240-14-3



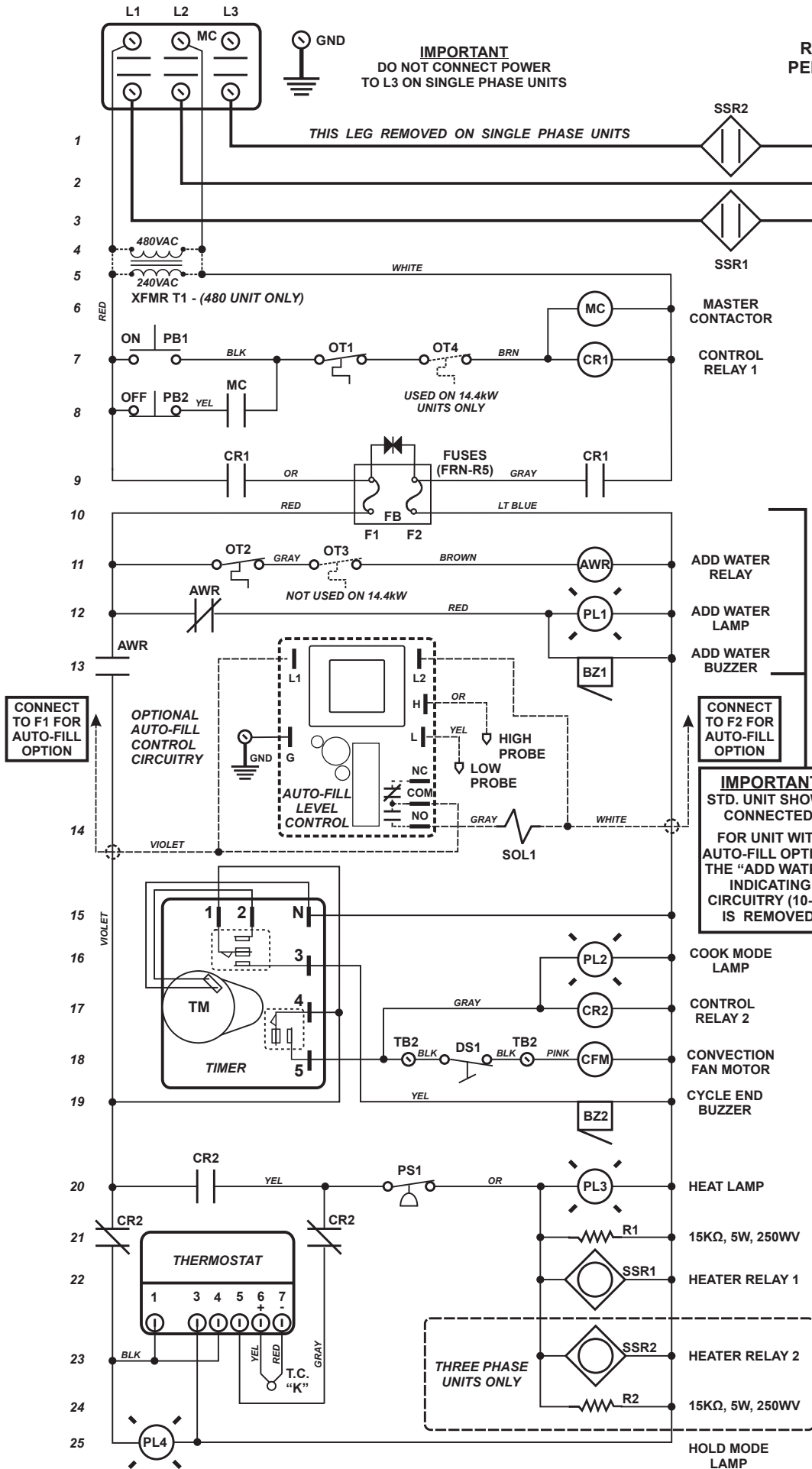
1L1,1L2,1L3 1L1,1L2,1L3  
MODELS: > SN 5500  
XS208-14-3, XS240-14-3



MODELS: XS208-6-1  
XS240-6-1

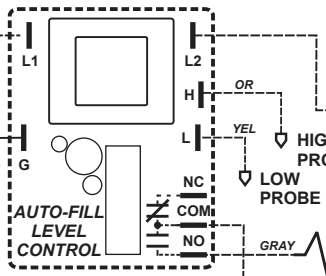


MODELS: XS208-8-1  
XS240-8-1



CONNECT TO F1 FOR AUTO-FILL OPTION

OPTIONAL AUTO-FILL CONTROL CIRCUITRY



CONNECT TO F2 FOR AUTO-FILL OPTION

**IMPORTANT**  
STD. UNIT SHOWN CONNECTED.  
FOR UNIT WITH AUTO-FILL OPTION, THE "ADD WATER" INDICATING CIRCUITRY (10-13) IS REMOVED.

THREE PHASE UNITS ONLY

## REPLACEMENT PARTS LIST

<u>Part No.</u>	<u>Description</u>
NT1009	Heater, 208V, 12kW
NT1011	Heater, 240V, 12kW
NT1012	Heater, 208V, 6.24kW
NT1013	Heater, 240V, 6.24kW
NT1045	Heater, 208V, 8.5kW
NT1046	Heater, 240V, 8.5kW
NT1269	Heater, 208V, 14.4kW
NT1270	Heater, 240V, 14.4kW
NT1797	Heater, 208V, 14.4kW (new ver.)
NT1798	Heater, 240V, 14.4kW (new ver.)
NT1063	Buzzer, Continuous, Low Water/End of Cycle
NT1067	DP Contactor, Main Power
NT1070	Relay, 220V, Control
NT1072	Fan, Convection (Includes Blade Assy.)
NT1073	Fuse, 5 Amp
NT1075	Thermostat, Hold 100-212 Degrees
NT1076	Lamp, Red
NT1077	Lamp, Blue
NT1078	Lamp, Amber
NT1079	Thermostat, Bi-Metal, 325°F
NT1080	Thermostat, Bi-Metal 410°F
NT1083	Plug, Angle 250V 3PH
NT1085	Timer, 60 Minute
NT1086	Operator, Switch, PB, On
NT1087	Operator, Switch, PB, Off
NT1088	Mounting Latch, On/Off Switches
NT1089	Contact, NC, Off Switch
NT1090	Contact, NO, On Switch
NT1091	Switch, Pressure, 1/8" NPT
NT1092	Solid State Relay, 75A, AC Input
NT1093	Terminal block, 3-pos.
NT1098	Thermometer, Analog 100-220 Degrees
NT1100	Switch, Reed, Door Switch
NT1155	Aux. Contact, DP Contactor
NT1018	Door Seal
NT1115	Hinge, one pair
NT1119	Shaft Seal, 6mm
NT1144	Magnetic Door Latch
NT1175	Stand Caster, 5" Locking
NT1176	Stand Caster, 5" Non-locking
NT1178	Knob
NT1335	Nutplate
NT1127	Drain Valve
NT1064	Buzzer, Continuous, Low Water/End of Cycle
NT1022	Shell/Top
NT1023	Right Side, Shell
NT1151	Left Side Shell, Louvered
NT1021	Door Assembly
NT1137	Auto Fill Control Board with Probes
NT1028	Control Panel Overlay
NT1502	Check Valve Assembly
NT1116	Heat Sink
NT1132	3/4 Inch Hose
NT1001	Galvanized Bottom Plate
NT1003	Heater Plate, Aluminum
NT1120	Insulation, Chamber bottom
NT1135	Lens, Thermometer
NT1537	Inner Door Panel Assembly
NT1096	Thermocouple
NT1037	Shelf Bracket, Stand
NT1027	Pan Bracket- Steamer Bottom
NT1035	Wire from Assembly, LH side
NT1117	Steamer Foot, flanged
NT1104	Screw, 10-24 x 1/2 SS
NT1217	Nutsert
NT1158	Radial Lead Varistor
NT1202	Brass Reducer, 1/2 x 1/8
NT1122	Insulation, Door





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