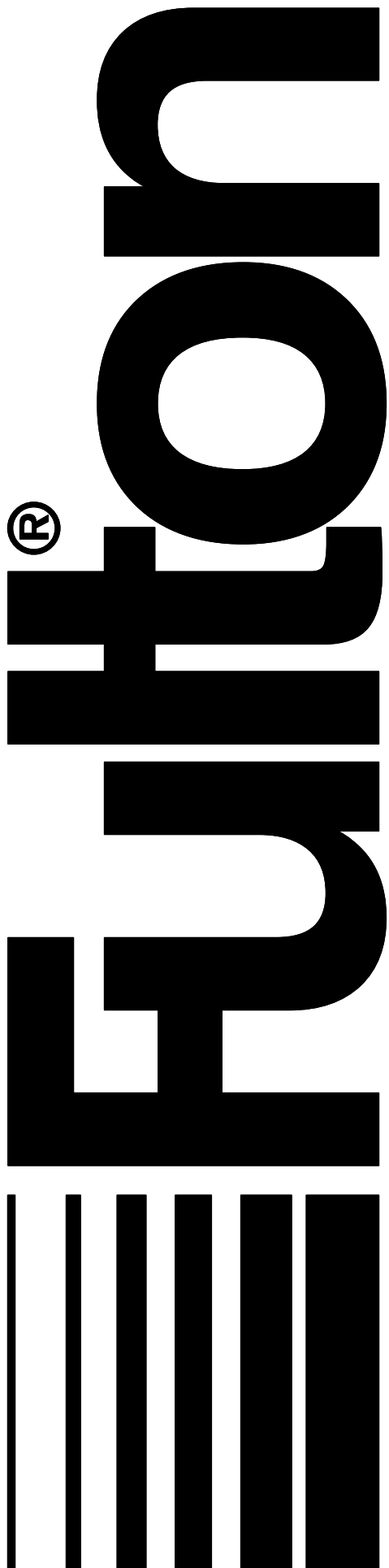




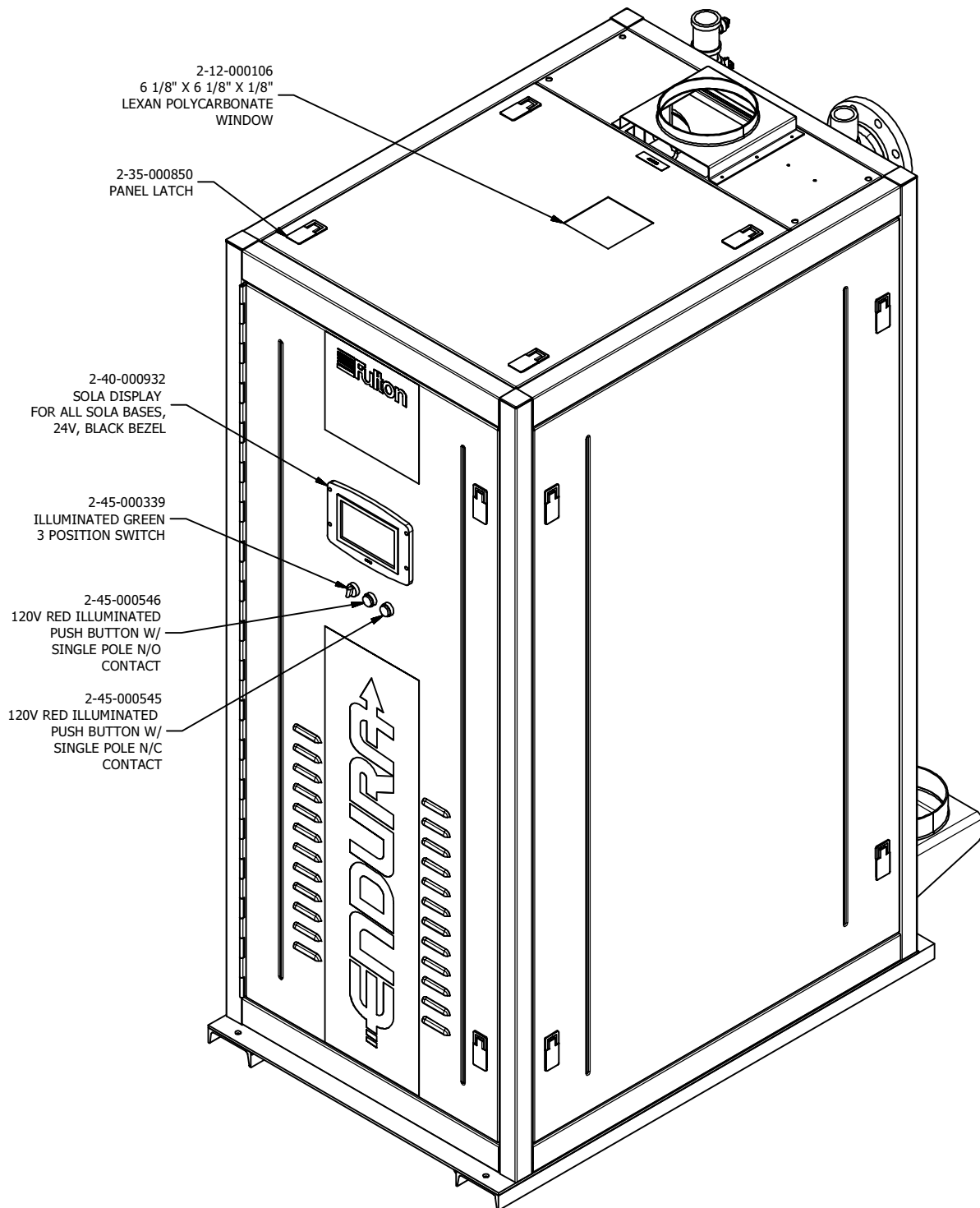
Endura Boilers

REVISION DATE: 2015-0408

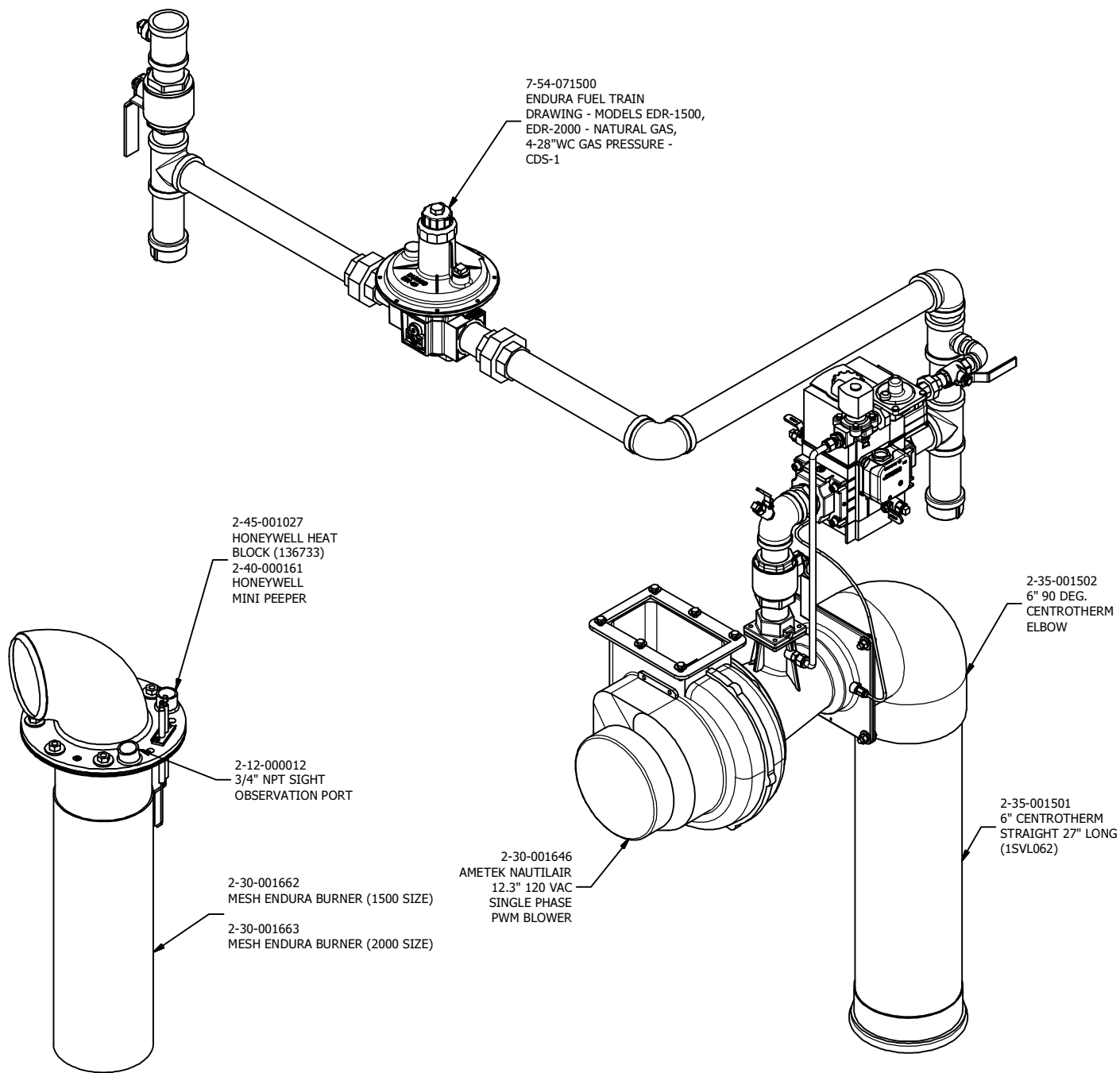
NOTE:

Prices are subject to change without notice

Minimum parts order is \$35.00 net

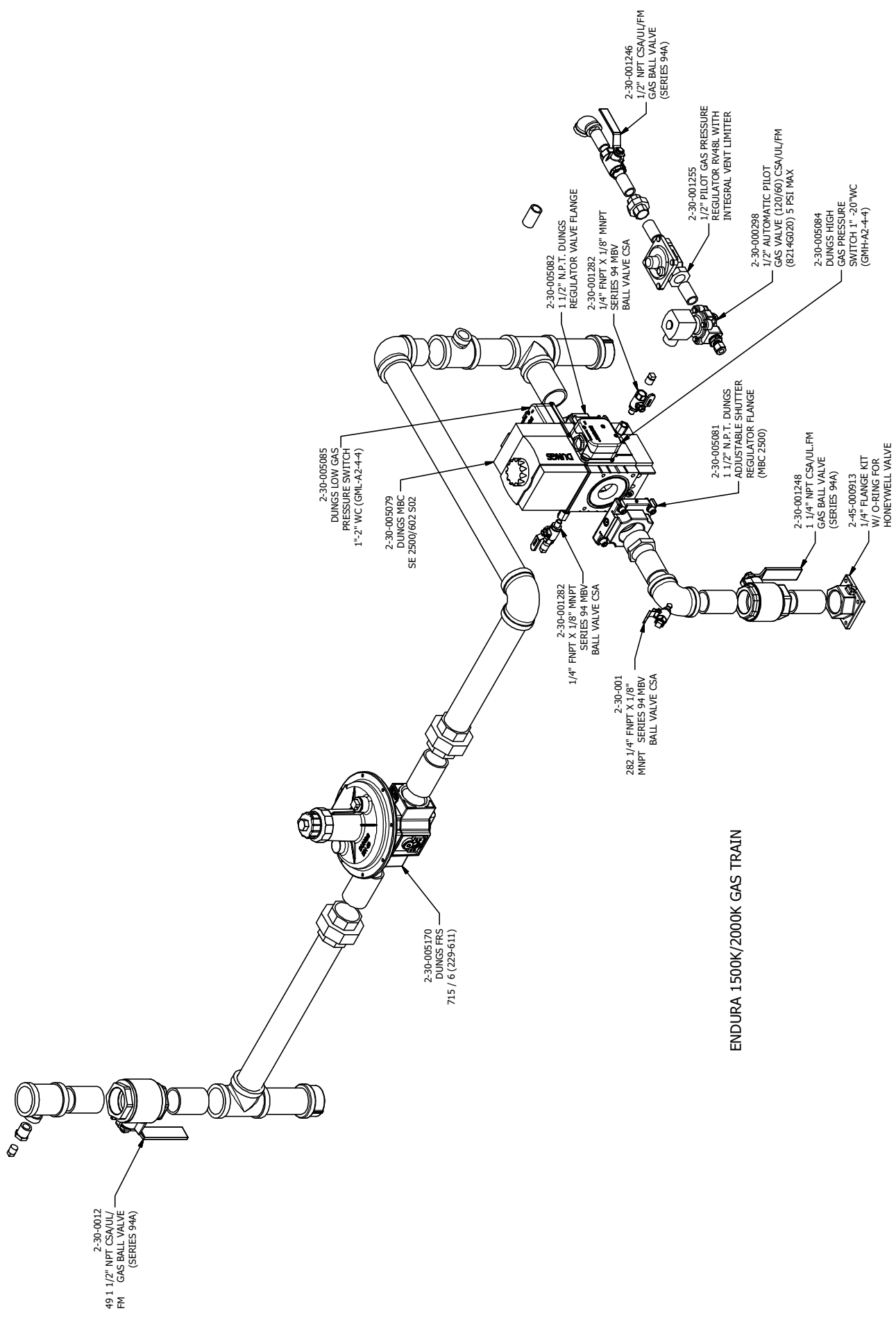


ENDURA 2000K ISOMETRIC

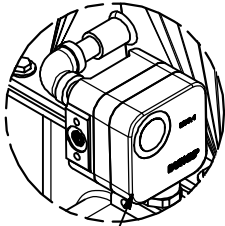


IGNITION DETAIL VIEW

GAS TRAIN LEFT ISOMETRIC VIEW



ENDURA 1500K/2000K GAS TRAIN



2-30-005098
DUNGS PRESSURE
SWITCH .16"-1.2" WC
(GAO-A4-4-2)

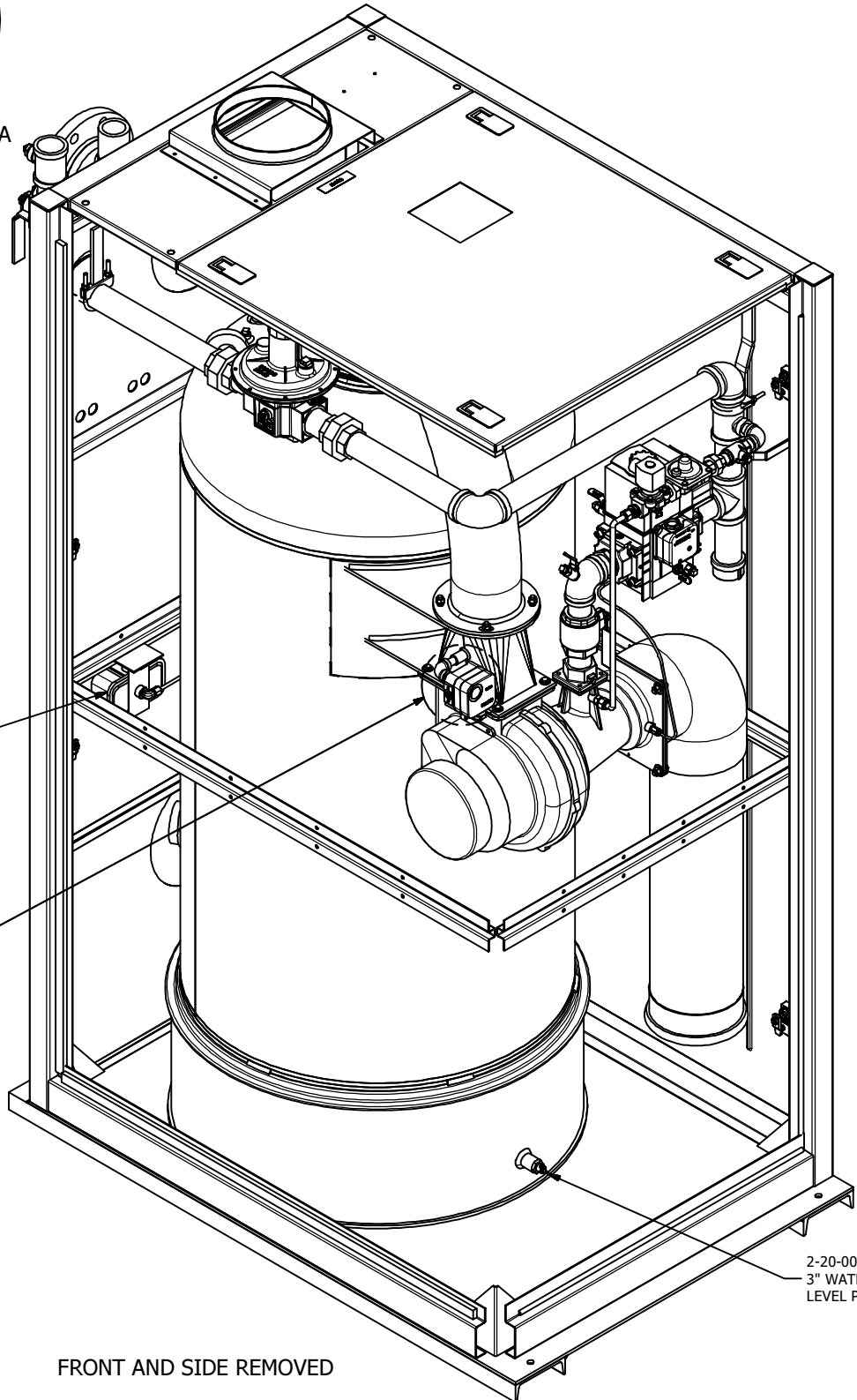
DETAIL A

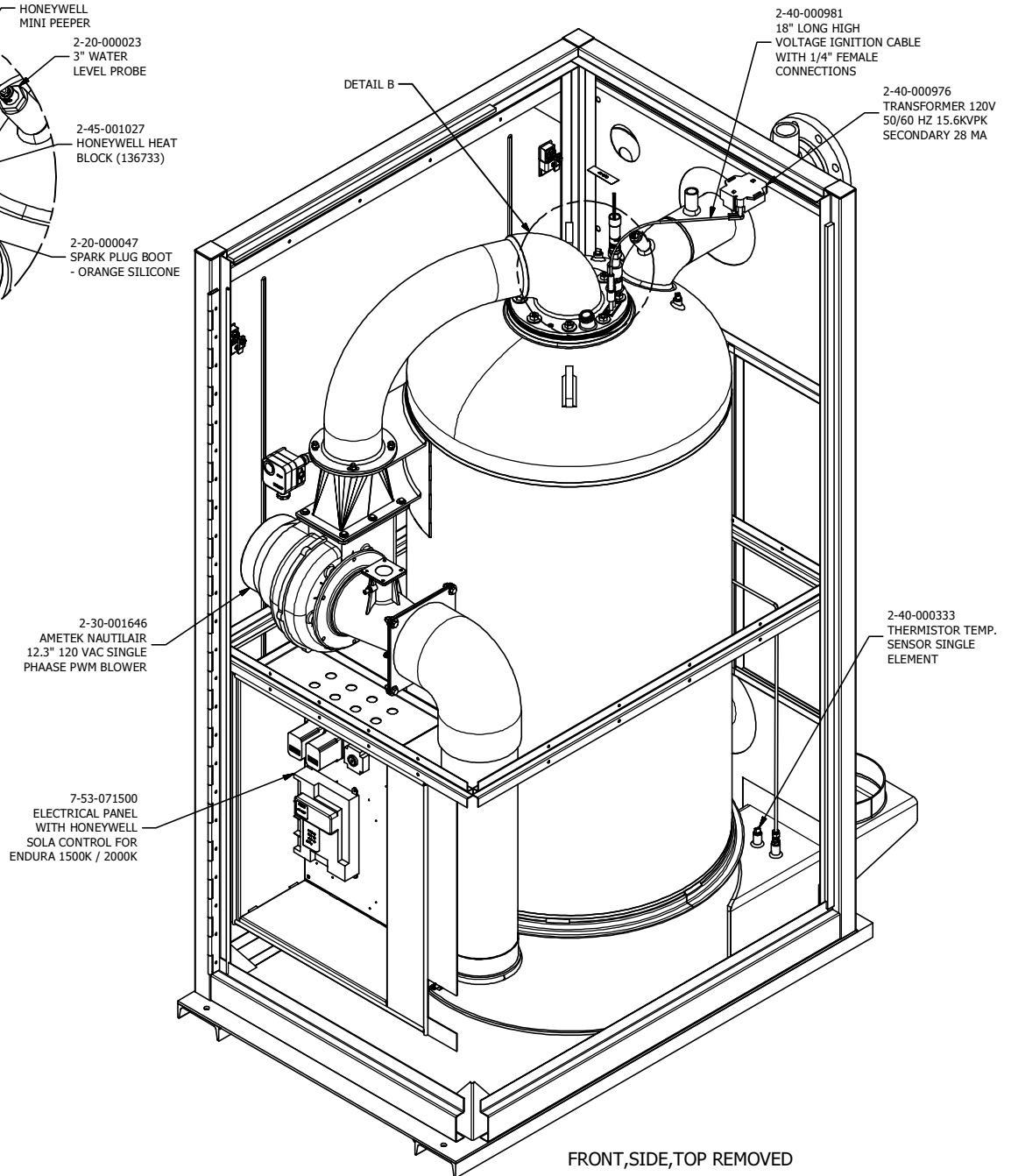
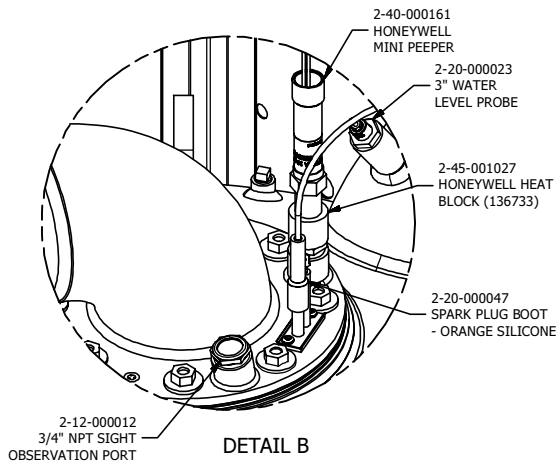
2-30-001360
BLOCKED
EXHAUST SWITCH

DETAIL A

2-20-000023
3" WATER
LEVEL PROBE

FRONT AND SIDE REMOVED





Endura Condensing Hydronic Boilers

Part #	Description	Model: EDR			
		750	1000	1500	2000
2-30-005098	Air Switch	X	X	X	X
2-30-001360	Blocked Exhaust Switch	X	X	X	X
2-40-000333	Inlet temp Sensor, & Stack Temp Sensor	X	X	X	X
2-40-000332	Domestic Hot Water Sensor	X	X	X	X
2-30-001371	Aldes 5" Backdraft Damper	X	X		
2-30-001370	Aldes 7" Backdraft Damper			X	X
2-30-071039	7" x 7" Combustion Air Filter	X	X		
2-30-000739	10" x 10" Combustion Air Filter			X	X
5-30-071000	Welded Premix Elbow Assembly	X	X		
5-30-071500	Welded Premix Elbow Assembly			X	X
2-12-000106	Viewing Window	X	X	X	X
2-30-000113	Ball Valve 1"	X	X	X	X
2-30-000984	Ball Valve 1" Tee Handle	X	X	X	X
2-30-000114	Ball Valve 1.25"			X	X
2-30-000957	Ball Valve 1.25" Tee Handle			X	X
	Burner/ Blower / Ignition				
2-20-000135	Endura Direct Spark Ignition Assembly	X	X	X	X
5-11-000018	Ignition Wire Assembly w/ Fittings	X	X	X	X
2-20-000047	Spark Plug Boot	X	X	X	X
2-30-001695	Ametek Bipass Blower 120 Vac Single Stage BLDC w/ PWM Speed Control	X	X		
2-30-001646	Ametek Nautrilair 12.3" 120v, 1phase, PWM Blower			X	X
2-12-000012	Sight Glass	X	X	X	X
2-45-001027	Heat Block	X	X	X	X
2-40-000161	UV Scanner	X	X	X	X
2-22-000156	3/8-16 NiCu Nuts for bolts on burner (8 per)	X	X	X	X
2-22-000353	3/8" Belleville spring washer for bolts on burner (8 per)	X	X	X	X
2-22-000390	10-32 x 3/8" SS Torx Screw for ignition assembly (2 per)	X	X	X	X
5-30-071005	Mesh Burner 5" Dia x 16" Long	X	X		
5-30-071505	Mesh Burner 6" Dia x 18" Long			X	
5-30-072005	Mesh Burner 6" Dia x 24" Long				X
2-40-000976	Allanson 15.6V Ignition Transformer			X	X
2-40-000715	Transformer (120/24 VAC)	X	X		
	Fittings & Tubing				
2-10-000189	3/8" OD x .049 Wall Aluminum Tubing, 2 ft req (Enrichment)	X	X	X	X
2-35-001347	3/8" Tube x 1/8" Iso Fitting for Aluminum tubing (Enrichment)	X	X	X	X
2-35-001348	3/8" Tube x 1/2" Male Fitting for Aluminum Tubing (Enrichment)	X	X	X	X
2-10-000217	1/4" OD x 20 GA Wall 304 SS Tubing - 3.6 ft req (H.B)	X	X	X	X
2-22-000290	1/4" OD x 1/8" Male NPT Tube Fitting adapeter (H.B)	X	X	X	X
5-10-055307	1/8" NPT x 1/4" Tube 90 Deg fitting with orifice (H.B)	X	X	X	X
2-35-001045	Paraflex Tubing for Gas Valve Sensing - 1.5 ft req (Valve Pressure)	X	X	X	X
2-35-001046	Press to Lock Fitting for Paraflex Tubing (Valve Pressure)	X	X	X	X
2-35-001367	1/8" - 28" X 1/8" Tube Push to Connect Fitting	X	X	X	X
2-35-001369	M5 x 1/8" Tubing Push to connect fitting for Paraflex Tubing (V.P)	X	X	X	X
2-45-000916	Tyco Power Supply				
2-45-001029	Tyco for EBM blower				

Endura Condensing Hydronic Boilers

Part #	Description	Model: EDR			
		750	1000	1500	2000
	<i>Jacket Panels</i>				
2-22-000413	Door Hinge	X	X	X	X
2-35-000850	Panel Latch	X	X	X	X
2-35-001376	2" x 2" Finishing Plug			X	X
5-10-071596	Air Filter Bracket			X	X
5-21-071500	Small Top Panel			X	X
5-21-071005	Large Top Panel	X	X		
5-21-071505	Large Top Panel			X	X
5-21-071010	Side Panel	X	X		
5-21-071510	Side Panel			X	X
5-21-071015	Rear Top Panel	X	X		
5-21-071515	Rear Top Panel			X	X
5-21-071020	Rear Middle Panel	X	X		
5-21-071520	Rear Middle Panel			X	X
5-21-071025	Rear Lower Panel	X	X		
5-21-071525	Rear Lower Panel			X	X
5-21-071030	Front Door	X	X		
5-21-071530	Front Door			X	X
5-21-071035	Front Door Inner Skin	X	X		
5-21-071535	Front Door Inner Skin			X	X
5-21-071040	Fixed Back Panel	X	X		
5-21-071540	Fixed Back Panel			X	X
2-23-000392	Front Door Sticker	X	X	X	X
	<i>Front Door Lights/Switches</i>				
2-45-000339	3-position lighted Switch	X	X	X	X
2-45-000545	N.C. Lighted Red Pushbutton	X	X	X	X
2-45-000546	N.O. Lighted Red Pushbutton	X	X	X	X
2-45-000411	Red Alarm Light	X	X	X	X
2-40-000795	Black Push Button	X	X	X	X
2-45-000412	Green Call for Heat Light	X	X	X	X
2-45-000305	Red Push Button (lighted for low water reset)	X	X	X	X
2-23-000690	Label - Local/Modbus-Off-Remote	X	X	X	X
	<i>Gaskets / O-Rings / Dresser Plates / Adapters/ Tools</i>				
2-12-000201	3/8" H x 3/4" W Poron Door Gasket	X	X	X	X
2-12-000215	Adhesive Backed Bulb Seal - 5/8" W x 3/8" H	X	X	X	X
2-12-000216	Adhesive Backed Bulb Seal - 3/8" W x 7/32" H	X	X	X	X
2-12-000236	4-3/8" X 1/8" O-Ring	X	X		
2-12-000235	1/8" x .251 Viton O-Ring			X	X
2-12-071094	Gas Train to Cabinet Gasket	X	X		
2-12-000272	Gas Train to Cabinet Gasket			X	X
2-12-001031	Venturi Flange Gasket	X	X	X	X
2-12-001260	Endura 1500K/ 2000K Burner Gasket			X	X
2-12-001270	Endura 750/1000K Burner Gasket	X	X		
2-12-001261	Endura Direct Spark Ignition Gasket	X	X	X	X
2-12-001263	Endura 1500K/ 2000K Water Outlet Gasket			X	X
2-12-001264	Endura 1500K/ 2000K Condensate Drain Gasket			X	X
2-12-001265	Endura 1500K/2000K Flue Jacket Collar Gasket			X	X
2-12-071092	Endura 750K/1000K Flue Jacket Collar Gasket	X	X		
2-60-000254	Dow 832 Silicone	X	X	X	X
2-12-000661	SuperOLube 2 oz tube (used w/ 2-12-000235)	X	X	X	X
2-12-003020	Blower Gasket for Ametek 12.3 Blower			X	X
2-21-000019	Gas Train Cabinet Dresser Plate			X	X

Endura Condensing Hydronic Boilers

Part #	Description	Model: EDR			
		750	1000	1500	2000
5-10-071593	Condensate Drain Dresser Plate			X	X
5-21-001257	Water Inlet/Outlet Dresser Plate			X	X
5-10-071598	Flue Jacket Collar Dresser Plate			X	X
2-35-001650	8" Exhaust Flue to 8" CPVC Adapter				X
2-35-001651	6" Exhaust Flue to 6" FNS Adapter	X	X	X	
2-35-001652	8" Exhaust Flue to 8" FNS Adapter				X
2-35-001653	6" Exhaust Flue to 6" CPVC Adapter	X	X	X	
5-10-055370	6" x 8" Sch 40 CPVC Pipe	X	X		
5-10-071577	8" x 8" CPVC Pipe			X	X
8-00-002004	Handling Tool for Horizontal Rigging			X	X
2-60-000269	Torque Wrench For Burner	X	X	X	X
	Gas Train				
2-30-000298	1/2 Automatic Pilot Gas Valve	X	X	X	X
2-30-001246	1/2" CSA/UL/FM Gas Ball Valve (Series 94A)	X	X	X	X
2-30-001247	1" CSA/UL/FN Gas Ball Valve (Series 94A)	X	X		
2-30-001248	1-1/4" CSA/UL/FN Gas Ball Valve (Series 94A)			X	X
2-30-001249	1-1/2" CSA/UL/FN Gas Ball Valve (Series 94A)			X	X
2-30-001255	1/2" Pilot Gas Pressure Regulator RV48L (w/ Integral Vent Limiter)	X	X	X	X
2-30-001282	1/4" FNPT x 1/8" MNPT Ball Valve (Series 94)	X	X	X	X
2-35-001370	1/8" FNPT x 1/8" BSPP Male Adapter	X	X	X	X
2-45-000925	1" Flange Kit w/ O-Ring for Honeywell Valve	X	X		
2-30-000949	Venturi Gas/ Air Mixing Device			X	X
2-30-005067	Dungs Gas Regulator MBC-SE 1000/602	X	X		
2-30-005079	MBC SE 2500/602 S02 Gas Valve			X	X
2-30-005071	1" Dungs Adjustable Shutter regulator valve flange	X	X		
2-30-005081	1-1/2" NPT Adjustable Shutter Regulator Flange			X	X
2-30-005072	1" Dungs Regulator valve flange	X	X		
2-30-005082	Dungs 1-1/2" Flange			X	X
2-30-005084	High Gas Pressure Switch 1-20" WC (GMH-A2-4-4)	X	X	X	X
2-30-005085	Low Gas Pressure Switch 1-20" WC (GML-A2-4-4)	X	X	X	X
2-30-005169	Dungs FRS Lock up Regulator w/ 4"-12" Spring	X	X		
2-30-005170	Dungs Gas Regulator FRS 715 /6 (229-611)			X	X
2-45-000913	1 1/4" Flange Kit w/ O-ring			X	X
	Motorized Isolation Valve Options				
2-30-001382	2" Butterfly Valve w/ VSI 1010 Actuator	X	X		
2-30-001385	4" Butterfly Valve w/ VSI 1010 Actuator			X	X
	Spare Parts Kits				
4-50-071000	Spare Parts Kits for EDR-750 & EDR-1000	X	X		
4-50-071200	Spare Parts Kits for EDR-1500 & EDR-2000			X	X
NOTE:	Including: Ignition Assembly, Transformer, Cable, Ignition Gasket, Two Burner Gaskets & UV Scanner				
	PH KIT / Condensate Trap				
4-57-005500	Cast Aluminum Condensate Trap (Single Boiler Application)	X	X	X	X
4-57-000440	Condensate Drain Trap (Multiple Boiler Application) 12MBTU total	X	X	X	X
4-50-000008	PH Neutralization Kit Including (6) Total Bags Magnesium Oxide	X	X	X	X
2-30-001580	Magnesium Oxide -Single 2.1lbs Bag (6 qty Req = 6 Months supply for 12MBTU)	X	X	X	X

Endura Condensing Hydronic Boilers

Part #	Description	Model: EDR			
		750	1000	1500	2000
	LWSR - Low Water Saftey Relay / High Condensate Relay				
2-40-000421	Relay	X	X	X	X
2-40-000423	Relay Base	X	X	X	X
2-45-000426	CR1 Relay - Weidmuller			X	X
2-20-000023	Water Probe - 3"	X	X	X	X
2-40-000418	External Low Water Probe (M&M 751P)	X	X	X	X
	Outdoor Air Temperature Sensor Kit				
4-30-000400	Interface Module, Outdoor Sensor, Watertight Round box	X	X	X	X
2-40-001072	Outdoor Temperature Sensor & Interface Module	X	X	X	X
	Supply Header Sensor Kit				
4-30-000405	Header Sensor, Handy box, poodle clip, immersion well			X	X
2-40-001070	Header Sensor Probe			X	X
	Safety Valves				
2-30-000120	Safety Relief Valve 30 psi (3/4")	X			
2-30-000851	Safety Relief Valve 30 psi (1")	X	X	X	
2-30-000221	Safety Relief Valve 30 psi (1-1/4")	X	X	X	X
2-30-000121	Safety Relief Valve 60 psi (3/4")	X	X	X	
2-30-000951	Safety Relief Valve 60 psi (1")	X	X	X	X
2-30-000145	Safety Relief Valve 100 psi (3/4")	X	X	X	X
2-30-000921	Safety Relief Valve 100 psi (1")	X	X	X	X
2-30-000020	Safety Relief Valve 125 psi (3/4")	X	X	X	X
2-30-000904	Safety Relief Valve 125 psi (1")	X	X	X	X
2-30-000166	Safety Relief Valve 160 psi (3/4")	X	X	X	X
	Electrical				
2-40-000907	Sola Control (R7910A-1076)	X	X	X	X
2-40-000932	Sola Display (S7999D-1030)	X	X	X	X
2-45-000914	Sola wire plug sets (J1-J10)	X	X	X	X
2-30-001009	Temperature / Pressure Gauge (0-200#, 70-320F)	X	X	X	X
2-40-000200	Motor Contactor			X	X
2-40-000715	Stepdown Transformer (120/24v)	X	X	X	X
2-45-000294	Aquastat High Limit (200 F) Device	X	X	X	X
2-45-000515	Fuse - 6 Amp Fuse	X	X	X	X
2-45-000365	Fuse - 8 Amp KLDK	X	X	X	X
2-45-000267	Fuse- 10 Amp JTD	X	X	X	X
2-45-000266	Fuse- 15 Amp JTD			X	X
2-45-000535	Fuse - 25 Amp			X	X
2-40-000131	Relay (AB700HA32A1)	X	X	X	X
2-40-000096	Relay Base for AB700HA32A1	X	X	X	X
2-40-071020	30 Second Single Shot Relay	X	X	X	X
2-45-880360	Control Relay	X	X	X	X
2-45-000489	24 VDC DPDT Relay	X	X	X	X
2-45-000371	Fuse Holder - 30 amp Class	X	X	X	X
2-40-000908	Temperature Sensor	X	X	X	X
2-45-000475	30 AMP Fused Disconnect Switch	X	X	X	X
2-45-000474	30-200 AMP Ground kit	X	X	X	X
2-45-000619	60 AMP Neutral Kit	X	X	X	X
2-45-001140	0-10 VDC to 4-20 MA Converter, Isolation Module	X	X	X	X



Fulton Heating Solutions, Inc.
972 Centerville Road, Pulaski, NY 13142
Call: (315) 298-5121 • Fax: (315) 298-6390

www.fulton.com

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