

Heating

August - 2024



AG1 and AG2 Radiant Tube Heaters

- Titanium alloy or aluminized combustion chamber
- Hot rolled steel radiant tubes
- Waterproofed control box
- Operational indicator lights
- Pre purge controls
- Epoxy potted circuitry
- Self diagnostic capabilities

Dual Stage Technology

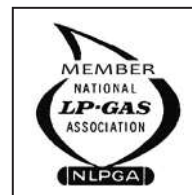
- 12% minimum fuel savings (over single stage infrared)
- Faster heat loss recoveries
- Improved comfort levels
- 35% reduction in equipment cycles
- Design protection benefits



Tube Heater Clearance to Combustibles Chart (Measured in Inches)					
Heater Model	Mounting Angle	Front Side	Back Side	Above	Below
75,000 BTU	0°	9	9	6	60
	45°	39	8	10	60
	0° w/one side shield	29	8	6	60
	0° w/two side shield	9	9	6	60
	0° 20° from burner	7	7	6	30
100,000 BTU	0°	14	14	6	66
	45°	39	8	10	66
	0° w/one side shield	29	8	6	66
	0° w/two side shield	16	16	6	66
	0° 20° from burner	7	7	6	30
125,000 BTU	0°	20	20	6	76
	45°	58	8	10	76
	0° w/one side shield	42	8	6	76
	0° w/two side shield	20	20	6	76
	0° 20° from burner	7	7	6	30
150,000 BTU	0°	24	24	6	81
	45°	58	8	10	81
	0° w/one side shield	42	8	6	81
	0° w/two side shield	23	23	6	81
	0° 20° from burner	11	11	6	44

Standard Features and Technical Specifications

Electrical - 120V 60Hz 3-Wire - 4.8A starting - 1.1A running	Controls - soft lockout and self diagnostics - 24V thermostat control	Gas Connection - 1/2" NPT gas cock - 24" stainless steel flex connector
Gas Pressure - man:3.5" NG 10" LP - min:5" NG 11" LP - max:14" NG 14" LP	Venting - 4" single vent - 6" common vent with single tstat - optional unvented	Tube Construction - 4" x 10" 16 Ga. - labor saving, interlocking swaged tube design
Reflectors - highly polished alum. - end caps included - 0-45° rotatable angle - stainless upgrades	Combustion Air - equipped for duct air intake from roof or sidewall - optional kits available	Kit Contents - all hangers and couplers - reflectors and end caps - turbulator baffle(s)



~ Suggested Height Above Animals ~

- 50,000 BTU model = 6' - 9'
- 60,000 BTU model = 6' - 9'
- 65,000 BTU model = 6' - 9'
- 75,000 BTU model = 7' - 12'
- 100,000 BTU model = 7' - 14'
- 125,000 BTU model = 8' - 14'
- 150,000 BTU model = 10' - 14'

~ Weight and Dimension Specifications ~

- 20' Model = 21'7" 120 lbs.
- 30' Model = 31'3" 160 lbs.
- 40' Model = 40'11" 190 lbs.
- 50' Model = 50'7" 235 lbs.
- 60' Model = 60'3" 270 lbs.

Palletizing radiant tube heaters for shipment reduces freight capacity by 25 to 35%.

Part#	Container Size	Heater Length	Full Load Qty.		Description	Price
			Loose	Palletted		
SKID-L	53' Van	40'	140	92	Skid, Large Double Wide for Tube Heaters, Holds 5-10 Large Boxes	\$226.00
SKID-S		60'	85	56	Skid, Small Single Wide for Tube Heaters, Holds 1-4 Large Boxes	\$125.00



AG1 and AG2 Radiant Tube Heater Ordering Instructions

1. The AG1 and AG2 Radiant Tube Heaters come standard with Highly Polished Aluminum Reflector Shields, Tube and Shield Hangers, 4" End Caps (WVE-GALV) which attach to the exhaust end of the heater tube, a 24" Stainless Steel Flexible Gas Hose, and a 1/2" FPT Gas Cock (GC50) with a 1/8" NPT SID tap for checking gas pressures.
2. Air Intake Kits (AK-T4), which include a 4" screened Tee, 4" Hose Clamp and a Flexible Boot with PVC connector, are sized to fit 4" Diameter thinwall sewer pipe. These Air Intake Kits are used to bring outside fresh air to the burner box. 1 Air Intake Kit (AK-T4) should be ordered per heater unit.
3. Secondary Regulators, either LP (20-5155) or NG (325-3) need to be ordered with the heater, 1 each per heater unit.
4. A Backup Emergency Kit should be ordered, "one per site". AG1-EK for Single Stage heaters and AG2-EK for two stage heaters. These kits include a circuit board, a relay board and an ignitor for the appropriate AG heater unit.
5. 4" Dia. Thinwall Sewer Pipe (Purchased Locally) will be needed to connect the outside fresh air Tee to the flexible air inlet boot. The approximate length for each unit will be the distance from the inside ceiling peak to the upper part of the inside sidewall plus 2'.
6. Materials to hang the heater units from the ceiling such as screw (cup) hooks, chain and S-Hooks will be needed. Small self-drilling screws will also be needed to connect the reflector shields together. (All Purchased Locally or Ordered Separately)

Ordering Example

40' x 400' Broiler House

200' Brood End and 200' Grow-Out End. Liquid Propane Gas

- 3 - AG1-50-125LP Tube Heaters (Includes: Burner box, Tube, Shields, Ignitor Glo-Bar, Tube clamps and Tube and Shield Hangers)
- 3 - AG1-40-100LP Tube Heaters (Includes: Burner box, Tube, Shields, Ignitor Glo-Bar, Tube clamps and Tube and Shield Hangers)
- 6 - AK-T4 Air Intake Kits (Includes: 4" Screened Tee and Flexible Boot with hose clamp and PVC connector)
- 6 - 20-5155 Secondary Regulator for Liquid Propane
- 1 - AG1-EK Backup Emergency Kit. 1 per Site. (Optional, but Recommended)
- 14 - 4" Diameter Thinwall Sewer Pipe. (Not supplied by Cumberland)

Materials to hang the heater units from the ceiling such as screw (cup) hooks, chain and S-Hooks will be needed. Small self-drilling screws will also be needed to connect the reflector shields together. (All Purchased Locally or Ordered Separately).



Single Stage Radiant Tube Heaters with Standard Hangers - AG1 Series

Part#	Description	Lbs.	Kgs.	Price
AG1-20-50LP	20' Single Stage Radiant Tube Heater, 50,000 BTU's - LP	120.00	54.43	\$1,977.00
AG1-20-75LP	20' Single Stage Radiant Tube Heater, 75,000 BTU's - LP	120.00	54.43	\$1,977.00
AG1-30-100LP	30' Single Stage Radiant Tube Heater, 100,000 BTU's - LP	160.00	72.57	\$2,234.00
AG1-30-100NG	30' Single Stage Radiant Tube Heater, 100,000 BTU's - NG	160.00	72.57	\$2,234.00
AG1-40-100LP	40' Single Stage Radiant Tube Heater, 100,000 BTU's - LP	192.00	87.08	\$2,518.00
AG1-40-100NG	40' Single Stage Radiant Tube Heater, 100,000 BTU's - NG	190.00	86.18	\$2,518.00
AG1-40-125LP	40' Single Stage Radiant Tube Heater, 125,000 BTU's - LP	190.00	86.18	\$2,518.00
AG1-40-125NG	40' Single Stage Radiant Tube Heater, 125,000 BTU's - NG	190.00	86.18	\$2,518.00
AG1-40-150LP	40' Single Stage Radiant Tube Heater, 150,000 BTU's - LP	190.00	86.18	\$2,469.00
AG1-50-100LP	50' Single Stage Radiant Tube Heater, 100,000 BTU's - LP	235.00	106.59	\$2,922.00
AG1-50-100NG	50' Single Stage Radiant Tube Heater, 100,000 BTU's - NG	235.00	106.59	\$2,922.00
AG1-50-125LP	50' Single Stage Radiant Tube Heater, 125,000 BTU's - LP	235.00	106.59	\$2,922.00
AG1-50-125NG	50' Single Stage Radiant Tube Heater, 125,000 BTU's - NG	235.00	106.59	\$2,922.00
AG1-50-150LP	50' Single Stage Radiant Tube Heater, 150,000 BTU's - LP	235.00	106.59	\$2,997.00
AG1-50-150NG	50' Single Stage Radiant Tube Heater, 150,000 BTU's - NG	235.00	106.59	\$2,997.00
AG1-60-150LP	60' Single Stage Radiant Tube Heater, 150,000 BTU's - LP	235.00	106.59	\$3,301.00

	AG-1 Series Kit Contents*				
	20' System	30' System	40' System	50' System	60' System
4" Standard Hangers	3	4	5	6	7
4" RCS - only with Standard Hangers	1	1	1	1	1
24" Stainless Steel Flex Line	1	1	1	1	1
Reflector Endcaps	2	2	2	2	2
Reflector Endcap Clips	8	8	8	8	8
4" Tube Clamps	2	3	5	5	6
1/2" Gas Cock	1	1	1	1	1

* All above heaters come standard with the above listed kits included in the list price.

August 05, 2024

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Single Stage Radiant Tube Heaters with Elongated Hangers - AG1 Series

Part#	Description	Lbs.	Kgs.	Price
AG1-20-50LPE	20' Single Stage Radiant Tube Heater - 50,000 BTU's - LP	120.00	54.43	\$1,944.00
AG1-20-75LPE	20' Single Stage Radiant Tube Heater - 75,000 BTU's - LP	120.00	54.43	\$1,983.00
AG1-30-100LPE	30' Single Stage Radiant Tube Heater - 100,000 BTU's - LP	160.00	72.57	\$2,245.00
AG1-30-100NGE	30' Single Stage Radiant Tube Heater - 100,000 BTU's - NG	160.00	72.57	\$2,245.00
AG1-40-100LPE	40' Single Stage Radiant Tube Heater - 100,000 BTU's - LP	192.00	87.08	\$2,518.00
AG1-40-100NGE	40' Single Stage Radiant Tube Heater - 100,000 BTU's - NG	190.00	86.18	\$2,573.00
AG1-40-125LPE	40' Single Stage Radiant Tube Heater - 125,000 BTU's - LP	190.00	86.18	\$2,574.00
AG1-40-125NGE	40' Single Stage Radiant Tube Heater - 125,000 BTU's - NG	190.00	86.18	\$2,573.00
AG1-40-150LPE	40' Single Stage Radiant Tube Heater - 150,000 BTU's - LP	190.00	86.18	\$2,671.00
AG1-50-100LPE	50' Single Stage Radiant Tube Heater - 100,000 BTU's - LP	235.00	106.59	\$2,979.00
AG1-50-100NGE	50' Single Stage Radiant Tube Heater - 100,000 BTU's - NG	235.00	106.59	\$2,978.00
AG1-50-125LPE	50' Single Stage Radiant Tube Heater - 125,000 BTU's - LP	235.00	106.59	\$2,978.00
AG1-50-125NGE	50' Single Stage Radiant Tube Heater - 125,000 BTU's - NG	235.00	106.59	\$2,978.00
AG1-50-150LPE	50' Single Stage Radiant Tube Heater - 150,000 BTU's - LP	235.00	106.59	\$3,058.00
AG1-50-150NGE	50' Single Stage Radiant Tube Heater - 150,000 BTU's - NG	235.00	106.59	\$3,058.00
AG1-60-150LPE	60' Single Stage Radiant Tube Heater - 150,000 BTU's - LP	265.00	120.20	\$3,363.00

	AG-1 Series Kit Contents*				
	20' System	30' System	40' System	50' System	60' System
4" Elongated Hangers	4	5	6	7	8
24" Stainless Steel Flex Line	1	1	1	1	1
Reflector Endcaps	2	2	2	2	2
Reflector Endcap Clips	8	8	8	8	8
4" Tube Clamps	2	3	5	5	6
1/2" Gas Cock	1	1	1	1	1

* All above heaters come standard with the above listed kits included in the list price.

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August 05, 2024

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10-5



Two Stage Radiant Tube Heaters with Standard Hangers - AG2 Series

Part#	Description	Lbs.	Kgs.	Price
AG2-20-75LP	20' Two Stage Radiant Tube Heater, 75,000 BTU's - LP	120.00	54.43	\$2,019.00
AG2-20-75NG	20' Two Stage Radiant Tube Heater, 75,000 BTU's - NG	120.00	54.43	\$2,019.00
AG2-30-75LP	30' Two Stage Radiant Tube Heater, 75,000 BTU's - LP	160.00	72.57	\$2,396.00
AG2-30-100LP	30' Two Stage Radiant Tube Heater, 100,000 BTU's - LP	160.00	72.57	\$2,396.00
AG2-30-100NG	30' Two Stage Radiant Tube Heater, 100,000 BTU's - NG	160.00	72.57	\$2,396.00
AG2-40-75LP	40' Two Stage Radiant Tube Heater, 75,000 BTU's - LP	190.00	86.18	\$3,465.00
AG2-40-100NG	40' Two Stage Radiant Tube Heater, 100,000 BTU's - NG	190.00	86.18	\$2,728.00
AG2-40-125LP	40' Two Stage Radiant Tube Heater, 125,000 BTU's - LP	190.00	86.18	\$2,728.00
AG2-40-125NG	40' Two Stage Radiant Tube Heater, 125,000 BTU's - NG	190.00	86.18	\$2,728.00
AG2-40-150LP	40' Two Stage Radiant Tube Heater, 150,000 BTU's - LP	190.00	86.18	\$2,877.00
AG2-40-150NG	40' Two Stage Radiant Tube Heater, 150,000 BTU's - NG	190.00	86.18	\$2,793.00
AG2-50-100LP	50' Two Stage Radiant Tube Heater, 100,000 BTU's - LP	235.00	106.59	\$3,935.00
AG2-50-100NG	50' Two Stage Radiant Tube Heater, 100,000 BTU's - NG	235.00	106.59	\$3,123.00
AG2-50-125LP	50' Two Stage Radiant Tube Heater, 125,000 BTU's - LP	235.00	106.59	\$3,123.00
AG2-50-125NG	50' Two Stage Radiant Tube Heater, 125,000 BTU's - NG	235.00	106.59	\$3,123.00
AG2-50-150LP	50' Two Stage Radiant Tube Heater, 150,000 BTU's - LP	235.00	106.59	\$3,135.00
AG2-50-150NG	50' Two Stage Radiant Tube Heater, 150,000 BTU's - NG	235.00	106.59	\$3,919.00
AG2-60-150LP	60' Two Stage Radiant Tube Heater, 150,000 BTU's - LP	235.00	106.59	\$3,454.00

	AG-2 Series Kit Contents*				
	20' System	30' System	40' System	50' System	60' System
4" Standard Hangers	3	4	5	6	7
4" RCS - only with Standard Hangers	1	1	1	1	1
24" Stainless Steel Flex Line	1	1	1	1	1
Reflector Endcaps	2	2	2	2	2
Reflector Endcap Clips	8	8	8	8	8
4" Tube Clamps	2	3	5	5	6
1/2" Gas Cock	1	1	1	1	1

* All above heaters come standard with the above listed kits included in the list price.

August 05, 2024

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Two Stage Radiant Tube Heaters with Elongated Hangers - AG2 Series

Part#	Description	Lbs.	Kgs.	Price
AG2-20-75LPE	20' Two Stage Radiant Tube Heater - 75,000 BTU's - LP	120.00	54.43	\$2,076.00
AG2-20-75NGE	20' Two Stage Radiant Tube Heater - 75,000 BTU's - NG	120.00	54.43	\$2,076.00
AG2-30-75LPE	30' Two Stage Radiant Tube Heater - 75,000 BTU's - LP	160.00	72.57	\$2,455.00
AG2-30-100LPE	30' Two Stage Radiant Tube Heater - 100,000 BTU's - LP	160.00	72.57	\$2,455.00
AG2-30-100NGE	30' Two Stage Radiant Tube Heater - 100,000 BTU's - NG	160.00	72.57	\$2,455.00
AG2-40-75LPE	40' Two Stage Radiant Tube Heater - 75,000 BTU's - LP	190.00	86.18	\$2,789.00
AG2-40-100LPE	40' Two Stage Radiant Tube Heater - 100,000 BTU's - LP	190.00	86.18	\$2,789.00
AG2-40-100NGE	40' Two Stage Radiant Tube Heater - 100,000 BTU's - NG	190.00	86.18	\$3,515.00
AG2-40-125LPE	40' Two Stage Radiant Tube Heater - 125,000 BTU's - LP	190.00	86.18	\$2,789.00
AG2-40-125NGE	40' Two Stage Radiant Tube Heater - 125,000 BTU's - NG	190.00	86.18	\$2,789.00
AG2-40-150LPE	40' Two Stage Radiant Tube Heater - 150,000 BTU's - LP	190.00	86.18	\$2,853.00
AG2-40-150NGE	40' Two Stage Radiant Tube Heater - 150,000 BTU's - NG	190.00	86.18	\$2,853.00
AG2-50-100LPE	50' Two Stage Radiant Tube Heater - 100,000 BTU's - LP	235.00	106.59	\$3,183.00
AG2-50-100NGE	50' Two Stage Radiant Tube Heater - 100,000 BTU's - NG	235.00	106.59	\$3,916.00
AG2-50-125LPE	50' Two Stage Radiant Tube Heater - 125,000 BTU's - LP	235.00	106.59	\$3,183.00
AG2-50-125NGE	50' Two Stage Radiant Tube Heater - 125,000 BTU's - NG	235.00	106.59	\$3,183.00
AG2-50-150LPE	50' Two Stage Radiant Tube Heater - 150,000 BTU's - LP	265.00	120.20	\$3,197.00
AG2-50-150NGE	50' Two Stage Radiant Tube Heater - 150,000 BTU's - NG	265.00	120.20	\$3,197.00
AG2-60-150LPE	60' Two Stage Radiant Tube Heater - 150,000 BTU's - LP	265.00	120.20	\$3,480.00

AG-2 Series Kit Contents*					
	20' System	30' System	40' System	50' System	60' System
4" Elongated Hangers	4	5	6	7	8
24" Stainless Steel Flex Line	1	1	1	1	1
Reflector Endcaps	2	2	2	2	2
Reflector Endcap Clips	8	8	8	8	8
4" Tube Clamps	2	3	5	5	6
1/2" Gas Cock	1	1	1	1	1

* All above heaters come standard with the above listed kits included in the list price.

AG1 and AG2 Series Tube Heat Extensions and Accessories



Part#	Description	Lbs.	Kgs.	Price
TP-55A	Fan and Blower f/RVA, RVA2, AG1 & AG2 Models	0.00	0.00	\$319.00



Part#	Description	Lbs.	Kgs.	Price
TP-83	Flexible Gas Hose, 24" SS	0.00	0.00	\$64.00



Part#	Description	Lbs.	Kgs.	Price
TP-205	Glo-Bar Holder	0.10	0.04	\$26.00



Part#	Description	Lbs.	Kgs.	Price
TP-222	Flame Rod f/RVA, RVA2, AG1 & AG2 Models	0.00	0.00	\$53.00



Part#	Description	Lbs.	Kgs.	Price
TP-21B	4" Tube Clamp	0.00	0.00	\$44.00



Part#	Description	Lbs.	Kgs.	Price
TP-50A	Glo-Bar Ignitor f/RVA, RVA2, AG1 & AG2 Models	0.04	0.01	\$91.00



Part#	Description	Lbs.	Kgs.	Price
TP-82	4" Reflector Center Support	0.00	0.00	\$15.14



Part#	Description	Lbs.	Kgs.	Price
TP-105	Reflector End Caps	0.67	0.30	\$32.00



Part#	Description	Lbs.	Kgs.	Price
TP-222A	Flame Rod Wire	0.00	0.00	\$24.00



Part#	Description	Lbs.	Kgs.	Price
TP-264B	Switch, Differential Pressure	0.50	0.22	\$109.00

AG1 and AG2 Series Tube Heat Extensions and Accessories Continued Next Page...

August 05, 2024

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AG1 and AG2 Series Tube Heat Extensions and Accessories Continued



Part#	Description	Lbs.	Kgs.	Price
TP-825	Relay Board f/RVA2 and AG2 Heaters for AG2 Heaters Only	1.50	0.68	\$80.00



Part#	Description	Lbs.	Kgs.	Price
TP-827	Red LED Display Diagnostic Lights for AG2 Heaters Only	0.30	0.13	\$54.00



Part#	Description	Lbs.	Kgs.	Price
TP-840A	Two Stage Natural Gas Valve for AG2 Heaters Only	2.10	0.95	\$357.00



Part#	Description	Lbs.	Kgs.	Price
TP-211A	Circuit Board f/RVA Heaters, Old SPADE Style for AG2 Heaters Only	0.25	0.11	\$289.00



Part#	Description	Lbs.	Kgs.	Price
TP-826	Transformer 40VA f/RVA, RVA2 & AG2 Models for AG2 Heaters Only	1.00	0.45	\$70.00



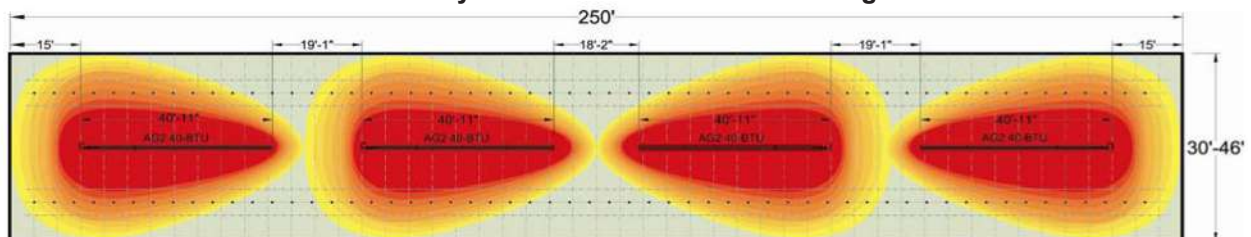
Part#	Description	Lbs.	Kgs.	Price
TP-828	Amber Valve Indicator Light for AG2 Heaters Only	0.50	0.22	\$19.21

AG1 and AG2 Series Tube Heat Extensions and Accessories Continued Next Page...

AG1 and AG2 Series Tube Heat Extensions and Accessories Continued

Part#	Description	Lbs.	Kgs.	Price
20-5036	Transformer - 120/24V Class 2/C80M/C225M - 60Hz	1.41	0.64	\$46.00
E100-A1097	Transformer, 120-24V w/Enclosure	3.32	1.50	\$238.00
AK-SR4	4" Air Intake Kit with Boot, Duct, Screen Inlet, Cap and Hardware (Straight)	5.00	2.26	\$149.00
AK-T4	4" Air Intake Kit w/Air Inlet Boot and Fresh Air Tee w/Screen	5.00	2.26	\$137.00
20-5155	Secondary Regulator/C80LP/C225LP	0.75	0.34	\$134.00
325-3	H.P. Regulator, 10 PSI Max, Inlet Pres. on NG and 5 PSI Inlet Pres. on LP, 12" W.C. Outlet Pressure, 1/2" x 1/2" FPT, AGA Design Approved	8.00	3.62	\$107.00
AG1-EK-75	Back-up Emergency Kit for AG1 Heaters, 75K BTU	3.00	1.36	\$339.00
AG1-EK-100	Back-up Emergency Kit for AG1 Heaters, 100K BTU	3.00	1.36	\$339.00
AG1-EK-125	Back-up Emergency Kit for AG1 Heaters, 125K BTU	3.00	1.36	\$339.00
AG1-EK-150	Back-up Emergency Kit for AG1 Heaters, 150K BTU	3.50	1.58	\$339.00
AG2-EK-75	Back-up Emergency Kit for AG2 Heaters, 75K BTU	3.50	1.58	\$392.00
AG2-EK-100	Back-up Emergency Kit for AG2 Heaters, 100K BTU	3.50	1.58	\$392.00
AG2-EK-125	Back-up Emergency Kit for AG2 Heaters, 125K BTU	3.50	1.58	\$392.00
AG2-EK-150	Back-up Emergency Kit for AG2 Heaters, 150K BTU	3.50	1.58	\$392.00
HRE-60	5' Heater Extension Assembly, Includes 5' of 4" Tube, 5' Reflector, Tube Clamp and Hanger	0.00	0.00	\$238.00
10HRE	10' Tube & Shield Extension Kit	35.00	15.87	\$376.00
10HREPE	10' Tube & Shield Extension Kit w/Elongated Hangers	26.20	11.88	\$410.00
WVE-GALV	4" End Cap	4.00	1.81	\$57.00
4-DSK	4" Sidewall Vent Package	8.00	3.62	\$164.00
GC50	Gas Cock, AGA Design Certified 2 PSI Max Pressure, 1/2" x 1/2" FPT, w/1/8" NPT SID TAP	4.00	1.81	\$48.00
TP-106	Reflector Clip - Pkg. of 8	0.00	0.00	\$1.22
TP-1325	24VAC Switching Relay	0.25	0.11	\$84.00
TP-19E	4" Elongated Tube Hanger	0.00	0.00	\$29.00
TP-264E	Air Pressure Switch	0.50	0.22	\$109.00
TP-33B	Gas Cock 1/2" x 1/2"	0.00	0.00	\$42.00
TP-351A	Circuit Board f/AG1 Tube Heater	0.25	0.11	\$349.00
TP-83	Flexible Gas Hose, 24" SS	0.00	0.00	\$64.00
TP-851	Circuit Board f/RVA2 and AG2 Heaters, New PIN Style	0.00	0.00	\$424.00
RVA-BK	Brass Knuckles Reflector Mounting Bracket, Allows for Mounting Reflector at 15°, 30° & 45° Angles	1.00	0.45	\$19.26
TP-114-1-3/4	Air Orifice, 1-3/4"	0.00	0.00	\$33.00
TP-20C	120" Aluminum Reflector (CSA)	7.00	3.17	\$255.00
TP-26C	Uncoated Hot Rolled Steel Radiant Tube	35.00	15.87	\$283.00
TP-201B	Burner (125,000 - 150,000 BTU models)	0.00	0.00	\$142.00
TP-264D	Normally Open Differential Pressure Switch (150,000 BTU models)	0.50	0.22	\$125.00
TP-1	Control Box Cover, Radiant Tube Heat	3.00	1.36	\$36.00
TP-651	Baffle, 33" x 4"	2.50	1.13	\$24.00
TP-214	Glo-Bar Wiring Harness for AG2 Heaters Only	1.80	0.81	\$53.00
TP-852	Wire Harness Set for Micro 60 Board for AG2 Heaters Only	0.00	0.00	\$107.00
TP-1402	End Panel - Left for AG2 Heaters Only	2.00	0.90	\$19.47

Universal Ray Tube Heater - Heat Pattern Diagram



AV SERIES Tube Brooder



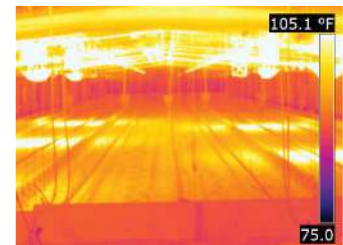
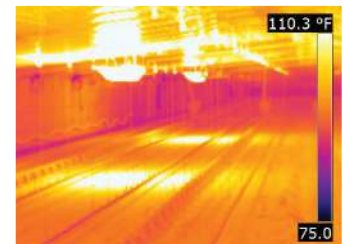
The AV Series upper combustion tubes contain the flame and operate at higher temperatures. Each tube has its own reflector allowing the hotter upper combustion tubes to concentrate more energy to the perimeter of the heating pattern.

The lower tubes are designed to distribute a lesser radiant energy resulting in reduced hot spots directly under the units and more uniform floor temperatures across the house. The U-bend at the end of the heaters have a separate end reflector directing the energy outwards, allowing optimum uniformity between units.



The AV Series Tube Brooder uses four tubes mounted in a V-Shaped pattern to direct the heat where it's most needed.

- No exposed flame to be effected by air flow or environment.
- Totally enclosed electronics and burner system.
- The highly polished aluminum reflectors allow optimum heat pattern for best uniformity.
- Offered with Dual Stage Technology to maximize fuel efficiencies.
- Low pressure system eliminates need for high pressure gas lines inside house.
- Minimal assembly required.
- Fresh air intake kit (attic version) with 4" x 29" duct pipe, intake cap, chain hanging kit and exhaust flapper cap are standard with each heater.
- Indicator lights display if unit is in low or high fire at a glance.
- Easily access key components through an end service panel without having to remove the heater from suspension chains.
- Single Stage BTU: 80,000, Dual Stage BTU: 50,000 - 80,000.
- Option to vent exhaust outside.
- Option to duct fresh air from other locations than attic to ensure clean combustion and reduce maintenance.



AV Series Heat Distribution - Infrared photos courtesy of Auburn University, National Poultry Technology Center (House pictured is 66' wide)

AV Series Tube Brooder Technical Specifications

Heating Capacity (Maximum per Hour)				
Direct Spark Ignition (3 Tries Before Lockout)		80,000 BTU		20,160 Kcal
Maximum Gas Consumption				
LP		0.87 gph		3.29 l/h
Natural Gas		75.5 cfh		2.14 m³/h
Gas Pressure Requirements (Measured on Pressure Tap on Valve with Unit Running)				
LP	Minimum	11" wc	Maximum	14" wc
NG	Minimum	5" wc	Maximum	14" wc
Heater Size & Weight Information				
Weight Per Complete Unit		140 Lbs.		64 Kgs.
Shipping Dimensions (L x W x H)	Burner Box	31-1/2" x 17-1/2" x 15-1/2"	Tube Box	98-1/2" x 29-1/4" x 13"
Installed Dimensions (L x W x H)		112" x 25-1/2" x 13"		285 x 65 x 33 (cm)
Installation Guidelines				
Minimum Height from Floor (Measure from Floor to Bottom of Unit)		6'-9'		1.8 m - 2.7 m
Space Between Heaters		40'-60'		12.2 m - 18.3 m
Minimum Clearance to Combustibles				
Sides of Heater		36"		91 cm
Above Heater		10"		25 cm
Below Heater		40"		102 cm
Electrical Requirements				
AVD (Dual Stage)		120V 60Hz GRD, 3 Wire		24VAC Thermostat Connection
AVS (Single Stage)		120V 60Hz GRD, 3 Wire		
Starting Current			1.5A	
Running Current			1.1A	
Sensor Location Specifications				

* Sensor should be placed over the feed or drinker line.

* Sensor should be no more than 12' to the side from the center of the unit and 10' length wise from the end of the unit.

Ordering Example for 10 Dual Stage Heaters using LP Gas

Qty.	Part#	Description
10	BRN AV2D-80P	AV-Tube Burner & Kit Dual. LP.
10	TPK-AV2	V-U Tube, Reflector & AK Kit

Optional Equipment

3	1045-0100	**Gas Regulator Liquid Propane preset 13-1/4" WC Outside Mount - 4 AV Units per Regulator)
1	6407-0056	Remote Power Pack 120 K - 40VA - 10 AV Units per Transformer

AV Series Tube Brooder

Part#	Description	BTU	Gas	Stage	Voltage	Price
BRN AV2D-80N	AV-Tube Burner & Kit. Dual. NG	50K - 80K	Natural	2 Stage	120V 60Hz, 24V Signal	\$1,346.00
BRN AV2D-80P	AV-Tube Burner & Kit. Dual. LP	50K - 80K	Propane	2 Stage	120V 60Hz, 24V Signal	\$1,346.00
BRN AV2S-80N	AV-Tube Burner & Kit. Single. NG	80K	Natural	1 Stage	120V 60Hz	\$1,246.00
BRN AV2S-80P	AV-Tube Burner & Kit. Single. LP	80K	Propane	1 Stage	120V 60Hz	\$1,246.00
TPK-AV2	AV-U Tube, Reflector & AK Kit	N/A	N/A	N/A	N/A	\$1,022.00

NOTE: Every AV-Tube Burner & Kit (BRN) ordered requires one (1) AV-U Tube Reflector Kit (TPK-AVC).

AV2 Series Tube Brooder Bulk Packaging

Part#	Description	Qty.	Gas	Stage	BTU	Voltage	Lbs.	Kgs.	Price
AVS2-80N-X12	AV2 Series Tube Brooder, Single Stage, Natural Gas, 12 packs	12	Natural	1	80K	120V 60Hz	1,500.00	680.38	\$25,373.00
AVS2-80N-X3	AV2 Series Tube Brooder, Single Stage, Natural Gas, 3 packs	3					415.00	188.24	\$6,471.00
AVS2-80P-X12	AV2 Series Tube Brooder, Single Stage, Propane, 12 packs	12	Propane				1,500.00	680.38	\$25,373.00
AVS2-80P-X3	AV2 Series Tube Brooder, Single Stage, Propane, 3 packs	3					415.00	188.24	\$6,471.00
AVD2-80N-X12	AV2 Series Tube Brooder, Dual Stage, Natural Gas, 12 packs	12	Natural	2	50K - 80K	120V 60Hz, 24V Signal	1,500.00	680.38	\$27,184.00
AVD2-80N-X3	AV2 Series Tube Brooder, Dual Stage, Natural Gas, 3 packs	3					415.00	188.24	\$6,931.00
AVD2-80P-X12	AV2 Series Tube Brooder, Dual Stage, Propane, 12 packs	12	Propane				1,500.00	680.38	\$27,184.00
AVD2-80P-X3	AV2 Series Tube Brooder, Dual Stage, Propane, 3 packs	3					415.00	188.24	\$6,931.00

Optional

AV-VC4	Optional - Outside Exhaust Vent Collar Accessories	Required to attach outside Exhaust Piping					2.00	0.90	\$37.00
S-7313-B	Open Eye Screw, 1/4" x 3-1/2" - Qty. of 100						5.01	2.27	\$93.00
S-7313-500	Open Eye Screw, 1/4" x 3-1/2" - Qty. of 500						22.50	10.20	\$374.00
S-8589	#2 Weldless Chain, 400' Roll						40.00	18.14	\$247.00
S-8589-10	#2 Weldless Chain, 400' Roll (10 Qty./4,000' total)						400.00	181.43	\$1,457.00

Assembly Table

AV-RIG-PLAS	Plastic Assembly Fixture Arm Set (2) for AV's. (High Volume Reusable)	1 Person Assembly of burner box to Tube As.	100.00	45.35	\$675.00
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Estimated 3-5 minutes of Additional Assembly vs. Traditional AV2 heater Assembly.
Freight Quantities for 53' van is 216 units vs. 90 units for Traditional AV2 units of 1.
Hanging Chain and Hanging Hardware not included.



AV-RIG-PLAS

Ordering Example for 28 Dual Stage LP Heaters		
Part#	Description	Qty.
AVD2-80P-X12	AV2 Series Tube Brooder, Dual Stage, Propane, 12 packs	2
AVD2-80P-X3	AV2 Series Tube Brooder, Dual Stage, Propane, 3 packs	1
BRN AV2D-80P	AV-Tube Burner & Kit. Dual. LP, Includes Optional Vent Collar	1
TPK-AV2	AV-U Tube, Reflector & AK Kit	1
Optional Equipment		
AV-VC4	Outside Exhaust Vent Collar Accessories	27
S-7313-500	Eye Screw 1/4-20 x 3-1/2" Zinc Plated (500 Qty.)	1
S-8589-10	#2 Weldless Chain, 400' roll (10 Qty./4,000' total)	1
AV-RIG-PLAS	Plastic As. Fixture Arm Set (2) (High Volume Reusable)	1

Ordering Example for 15 Dual Stage LP Heaters		
Part#	Description	Qty.
AVD2-80P-X12	AV2 Series Tube Brooder, Dual Stage, Propane, 12 packs	1
AVD2-80P-X3	AV2 Series Tube Brooder, Dual Stage, Propane, 3 packs	1
Optional Equipment		
AV-VC4	Outside Exhaust Vent Collar Accessories	15
S-7313-500	Eye Screw 1/4-20 x 3-1/2" Zinc Plated (500 Qty.)	1
S-8589-10	#2 Weldless Chain, 400' roll (10 Qty./4,000' total)	1
AV-RIG-PLAS	Plastic As. Fixture Arm Set (2) (High Volume Reusable)	1

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August 05, 2024

AV HEATER PARTS & ACCESSORIES

Regulators

Part#	Description	Number of Units	Price
1045-1400	*Gas Regulator Liquid Propane/Natural Gas preset 12" WC	Inside Mount - 1AV Unit per Regulator	\$115.00
1045-0100	Liquid Propane Regulator	** Outside Mount - 4AV Units per Regulator	\$120.00
1045-1305	Natural Gas Regulator	Outside Mount - 4AV Units per Regulator	\$120.00

* This regulator contains a vent limiter to control gas output in case of failure. Maximum inlet pressure on propane 2 PSI. Maximum inlet pressure on Natural Gas 5 PSI.

** Inlet pressure for 4 units based on 5-10 PSI.

Single Stage Thermostats (For Use with Single Stage Heaters Only)

Part#	Description	Model Number	Price
3005-2130	Single Stage Thermostat	TSTAT T19PC-3C C/F Liquid Tight	\$113.00
3005-2140	Single Stage Thermostat		\$54.00
6614-2290-HH	Water Tight Plastic Thermostat Assy - w/20' prewired cord set	TSTAT Assy T19PC-3C 20' PBC	\$176.00
3005-0102	Stainless Steel Thermostat	TSTAT T19SB-1C SS single SPDT	\$98.00
6614-0111-HH	Stainless Steel Thermostat Assy - w/20' prewired cord set	TSTAT Assy T19SB-1C 20' PBC	\$145.00

Accessories

Part#	Description	Lbs.	Kgs.	Price
FC-24	Hose, Flexible Gas, 24" Stainless Steel with Fittings	1.50	0.68	\$68.00
1021-2501	1/2" Brass Pipe Fitting	0.20	0.09	\$7.04
1010-1317	Propane and Natural Gas Hose - 10' Section	2.20	0.99	\$105.00
1009-1500	Brass Ball Valve (1/2 x 1/2)	1.60	0.72	\$35.00
AVD280-LPC	Kit, NG to LP Conversion, AVD280 Heater	5.00	2.26	\$319.00
AVD280-NATC	Kit, LP to NG Conversion, AVD280 Heater	5.00	2.26	\$319.00
AVS280-LPC	Kit, NG to LP Conversion, AVS280 Heater	5.00	2.26	\$319.00
AVS280-NATC	Kit, LP to NG Conversion, AVS280 Heater	5.00	2.26	\$319.00
TP-204-31	AV-80-N Orifice (2 per Heater)	0.00	0.00	\$22.00
TP-204-37	AV-60-N Orifice (2 per Heater)	2.50	1.13	\$24.00
TP-204-49	AV-80-P Orifice (2 per Heater)	0.00	0.00	\$21.00
TP-204-52	AV-60-P Orifice (2 per heater)	2.50	1.13	\$24.00
TP-6040	NG Gas Valve, Single Stage, AV Heater	1.30	0.58	\$273.00
TP-6041	LP Gas Valve, Single Stage, AV Heater	1.30	0.58	\$273.00
TP-6140	NG Gas Valve, Two Stage, AV Heater	1.30	0.58	\$308.00
TP-6141	LP Gas Valve, Two Stage, AV Heater	1.30	0.58	\$323.00

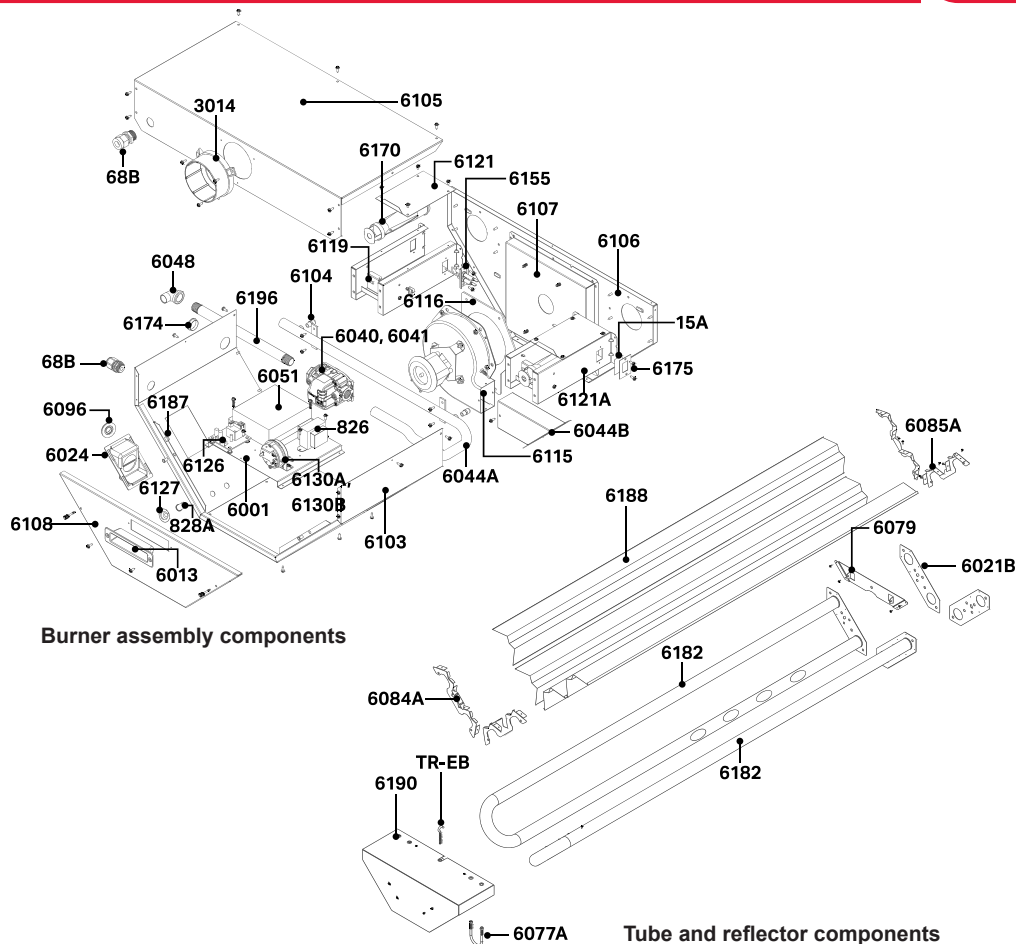
AV & AV2 Gas Type Conversion

Series	Heater	From	To	Qty.	Part#	Qty.	Part#
AV	AVS-60N	Natural	Propane	1	TP-6041	1	TP-204-52
	AVS-80N						TP-204-49
	AVD-60N				TP-6141		TP-204-52
	AVD-80N						TP-204-49
	AVS-60P	Propane	Natural		TP-6040		TP-204-37
	AVS-80P						TP-204-31
	AVD-60P				TP-6140		TP-204-37
	AVD-80P						TP-204-31
AV2	AVS2-80N	Natural	Propane	1	AVS280-LPC	N/A	
	AVD2-80N				AVD280-LPC		
	AVS2-80P	Propane	Natural		AVS280-NATC		
	AVD2-80P				AVD280-NATC		

August 05, 2024

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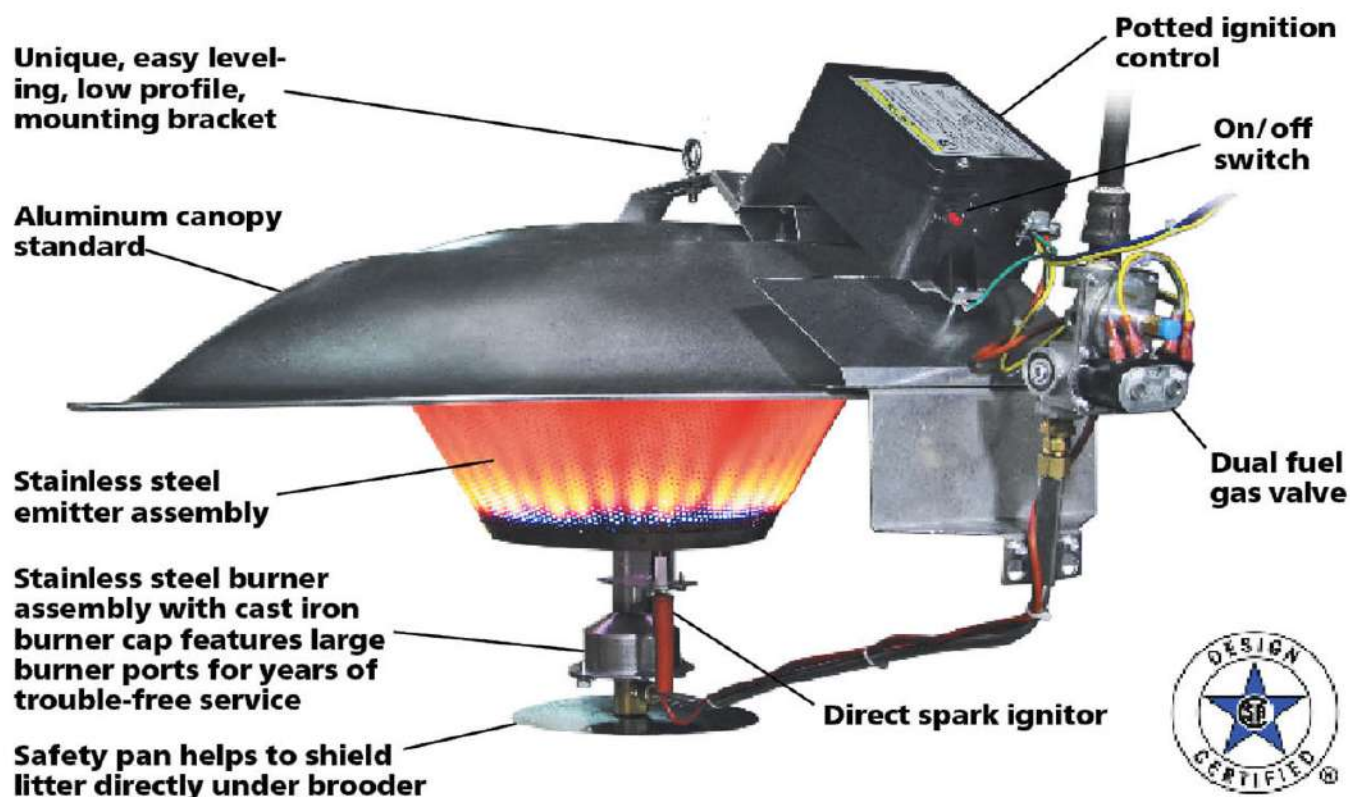
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Burner Assembly, Tube & Reflector Components

Part#	Description	Price	Part#	Description	Price
TP-15A	Sight Glass Mica Shield	\$CALL	TP-6106	Burner Box Front Panel	\$CALL
TP-68B	1/2" Strain Relief Bushing	\$CALL	TP-6107	Exhaust Collector Box	\$CALL
TP-333	5' Power Cord (Not Shown)	\$49.00	TP-6108	Service Access Panel	\$29.00
TP-826	40VA Transformer	\$70.00	TP-6115	Inducer Motor	\$262.00
TP-828A	Indicator Light	\$15.14	TP-6116	Inducer Gasket	\$8.65
TP-3014	Combustion Air Inlet Collar w/Screen	\$CALL	TP-6119	Burner Mounting Rail	\$CALL
TP-6001	Control Mounting Panel	\$CALL	TP-6121	Burner Chamber Cover Panel	\$CALL
TP-6013	Service Access Panel Handle	\$10.00	TP-6121A	Burner Chamber Side Panel	\$CALL
TP-6021B	Tube Flange Gasket	\$8.65	TP-6126	Post Purge Relay	\$65.00
TP-6024	Gas Inlet Adapter	\$15.14	TP-6127	1/2" Hole Plug	\$CALL
TP-6040	NG Gas Valve	\$273.00	TP-6130A	Pressure Switch (80,000 BTU)	\$95.00
TP-6041	LP Gas Valve	\$273.00	TP-6130B	Pressure Switch (60,000 BTU)	\$CALL
TP-6044A	Manifold Pipe	\$CALL	TP-6153A	Wire Harness (Not Shown)	\$CALL
TP-6044B	Flue Extension	\$CALL	TP-6155	Electrode	\$77.00
TP-6048	1/2" Gas Inlet Street Elbow	\$CALL	TP-6170	Burner	\$56.00
TP-6051A	Dual DSI Circuit Board	\$280.00	TP-6174	Sight Glass	\$CALL
TP-6075A	Vent Collar (Not Shown)	\$33.00	TP-6175	Sight Glass Washer	\$6.49
TP-6077A	U-Bolt Fastener	\$16.58	TP-6182	Heat Exchanger Tube	\$397.00
TP-6079	Exchange and Hanging Bracket	\$45.00	TP-6187	Wire Raceway Clip	\$CALL
TP-6084A	U-End Reflector End Cap	\$73.00	TP-6188	Aluminum Reflector	\$151.00
TP-6085A	Burner Reflector End Cap	\$CALL	TP-6189	Vent Hood (Not Shown)	\$32.00
TP-6096	1/2" Rubber Grommet	\$CALL	TP-6190	Reflector End Cover Panel	\$61.00
TP-6103	Main Housing Shell	\$CALL	TP-6196	10" x 1/2" Gas Inlet Pipe	\$CALL
TP-6104	Gas Orifice (Specify Size)	\$CALL	TR-EB	3/8"-6 Eyelet Bolt	\$CALL
TP-6105	Burner Box Top Cover	\$CALL			

ACS Direct Spark Radiant Brooder



Model Number	Gas Type	BTU/h Input	Reflector Capacity Diameter	Brooder Height	Standard Weight	Recommended Mounting Height*	Gas Connection	Manifold Pressure (Inches W.C.)	Gas Orifice Size	Primary Voltage	Unit Total Amps	Inlet Pressure ** (Inches W.C.)
ACS-40P-24V	Propane	40,000	35"	18"	27 lbs.	5' to 6'	3/8" NPT	10"	1.9 mm	24VAC	0.8	11-14"
ACS-40N-24V	Natural	40,000	35"	18"	27 lbs.	5' to 6'	3/8" NPT	3.5"	3.1 mm	24VAC	0.8	5-14"

Part#	Description	Lbs.	Kgs.	Price
ACS-40N-24-24	ACS Radiant Brooder - 40,000 BTU - Natural Gas - 24V - Bundle of 24	688.00	312.07	\$14,061.00
ACS-40N-24-6	ACS Radiant Brooder - 40,000 BTU - Natural Gas - 24V - Bundle of 6	162.00	73.48	\$3,666.00
ACS-40N-24-2	ACS Radiant Brooder - 40,000 BTU - Natural Gas - 24V - Bundle of 2	54.00	24.49	\$1,270.00
ACS-40P-24-24	ACS Radiant Brooder - 40,000 BTU - Liquid Propane - 24V - Bundle of 24	688.00	312.07	\$14,061.00
ACS-40P-24-6	ACS Radiant Brooder - 40,000 BTU - Liquid Propane - 24V - Bundle of 6	162.00	73.48	\$3,666.00
ACS-40P-24-2	ACS Radiant Brooder - 40,000 BTU - Liquid Propane - 24V - Bundle of 2	54.00	24.49	\$1,270.00

NOTE: Above Brooders DO NOT include Regulators.

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August 05, 2024

Zone Brooder Control

Part#	Description	Lbs.	Kgs.	Price
E100-A1134	Zone Brooder Control, 24V Power Supply	18.36	8.33	\$1,125.00

Jet Brooder Parts

Part#	Description	Lbs.	Kgs.	Price
42-0019	Brooder, Ceramic Radiant	6.00	2.72	\$55.00
42-0015	Brooder, Thermocouple - 30"	0.05	0.02	\$26.00
42-0018	Control System, S.I.T. Brooder Gas Control Less Cover - Modulating	3.00	1.36	\$245.00
42-0018B	Control System, S.I.T. Brooder Gas Control Cover	0.07	0.03	\$4.24
42-0274	Orifice, Brooder, LP #53 Key Gas Components #24-070S-53	0.00	0.00	\$5.66
42-0062	Orifice, Brooder Pilot/Natural Gas - #73	0.01	0.00	\$12.12
42-0600	Brooder Pilot Cover	0.07	0.03	\$9.70
E162-1015	Transformer, Dual Primary, 115/24V - Secondary, 24V (250VA)	4.50	2.04	\$310.00



Galvanized MC Heater



Painted MC Heater

MC On/Off Heaters

Part#	Gas	Housing	Description	Lbs.	Kgs.	Price
MC-50/250LP-G120	LP	Galvanized	MC Heater, 120V/60Hz, On/Off, Propane, Galvanized	128.85	58.44	\$1,655.00
MC-50/250LP-P120		Painted	MC Heater, 120V/60Hz, On/Off, Propane, Painted	124.80	56.60	\$1,821.00
MC-50/250LP-S120		Stainless	MC Heater, 120V/60Hz, On/Off, Propane, Stainless Steel	116.34	52.77	\$2,235.00
MC-50/250NG-G120	NG	Galvanized	MC Heater, 120V/60Hz, On/Off, Natural Gas, Galvanized	130.96	59.40	\$1,655.00
MC-50/250NG-P120		Painted	MC Heater, 120V/60Hz, On/Off, Natural Gas, Painted	125.10	56.74	\$1,821.00
MC-50/250NG-S120		Stainless	MC Heater, 120V/60Hz, On/Off, Natural Gas, Stainless Steel	116.64	52.90	\$2,235.00
1010-1317	All		Propane and Natural Gas Hose - 10' Section	2.20	0.99	\$105.00



MC Lite On/Off Heaters

Part#	Gas	Housing	Description	Lbs.	Kgs.	Price
MC-LT-50/250LP-120	LP	Galvanized	MC-Lite Heater, 120V/60Hz, On/Off, Propane, Galvanized	114.03	51.72	\$1,556.00
MC-LT-50/250NG-120	NG		MC-Lite Heater, 120V/60Hz, On/Off, Natural Gas, Galvanized	114.01	51.71	\$1,556.00
1010-1317	All		Propane and Natural Gas Hose - 10' Section	2.20	0.99	\$105.00

NOTE: MC-Lite heaters are MC heaters with Super Saver burner control units less hanging kit, cordset and sediment trap.

Service Parts



VF3-1204-QA
BURNER CONTROL
UNIT COMPLETE W/O
HARNESSES FOR VR



VF1-1036
ON/OFF HEATER
CONTROL W/
HARNESSES FOR MC



VF1-3002
FLAME PROBE



20-5011X
BLOWER WHEEL



VF1-3004
HOT SURFACE IGNITER



20-5037
CAPACITOR



20-5099D
1/3 HP, 1 PH MOTOR



VF3-1016
ROCKER SWITCH



3001-1740
MICRO SWITCH W/SAIL LEVER



VARIABLE RATE GAS VALVE



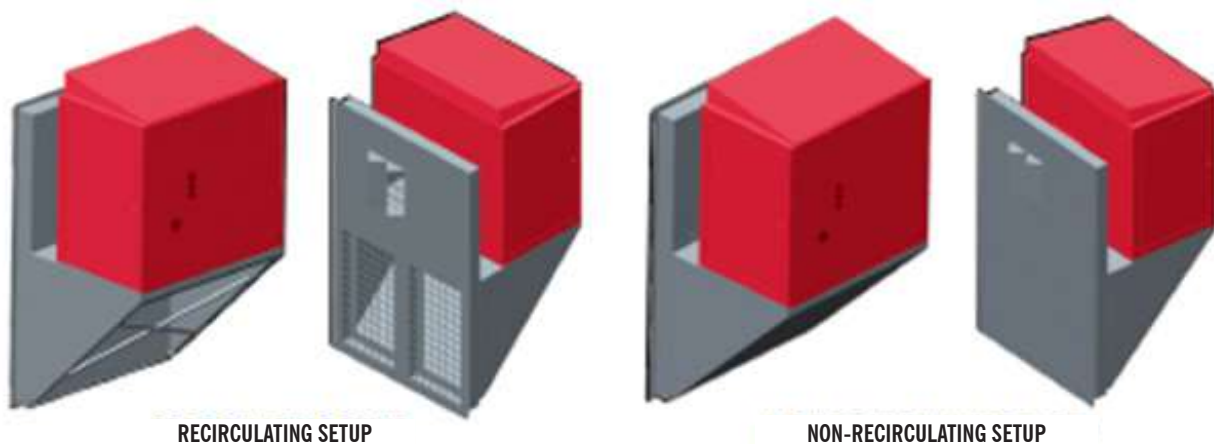
3005-0111
THERMOSTAT, HIGH LIMIT



ON/OFF GAS VALVE

Part#	Description	Lbs.	Kgs.	Price
20-5011X	Large Blower Wheel	1.50	0.68	\$147.00
20-5099D	Motor, 1/3 HP, 1 PH, 60Hz, 120V	13.00	5.89	\$490.00
3001-1740	Sail Switch	0.10	0.04	\$15.30
3005-0111	Thermostat, High Limit	0.06	0.02	\$23.00
VF3-1016	Rocker Switch, Panel Mount, On-Off, CSA/UL	0.10	0.04	\$46.00
20-5037	7.5 MFD - 370VAC Capacitors - 225,000 BTU Heater - 120V - 60Hz	0.27	0.12	\$41.00
VF1-3018	VariFlame Diode Harness for Legacy Mode - 1 per Heater	0.01	0.00	\$8.56
VF3-1088	Fuse, 0.5A, SB, 5 x 20 mm	0.02	0.00	\$4.59
VF1-3002	Flame Probe Assembly for Variflame	0.08	0.04	\$63.00
VF1-3034	Flame Probe Assembly for VR/MC	0.04	0.01	\$58.00
VF1-3037	Flame Probe Assembly for MC Lite	0.04	0.01	\$51.00
VF1-3004	Hot Surface Igniter Assembly for Variflame	0.30	0.13	\$65.00
VF1-3035	Hot Surface Igniter Assembly for VR/MC	0.28	0.12	\$60.00
VF1-3036	Hot Surface Igniter Assembly for MC Lite	0.28	0.12	\$56.00
VF2-3009	Orifice, LP	0.76	0.34	\$26.00
VF2-3010	Orifice, NG	0.74	0.34	\$25.00
20-5070	Gas Valve, On/Off, LP for MC/MC Lite/Variflame	2.08	0.94	\$215.00
20-5071	Gas Valve, On/Off, NG for MC/MC Lite/Variflame	2.08	0.94	\$121.00
VF3-1101	Gas Valve, Variable Rate, LP for VR	2.30	1.04	\$284.00
VF3-1102	Gas Valve, Variable Rate, NG for VR	2.31	1.04	\$284.00
VF3-1022	Gas Valve, Variable Rate, LP for Variflame	1.60	0.72	\$247.00
VF3-1023	Gas Valve, Variable Rate, NG for Variflame	1.60	0.72	\$247.00
VF3-1008A	Heater Burner Casting for VR/MC/MC Lite	0.91	0.41	\$25.00
VF3-1201	On/Off Heater Control w/o Harnesses for MC	2.22	1.00	\$314.00
VF1-1036	On/Off Heater Control w/Harnesses for MC	3.95	1.79	\$599.00
VF1-2046	On/Off Heater Control w/Harnesses for MC Lite	4.82	2.19	\$438.00
VF3-1216	VariFlame Control Unit Retrofit Kit	4.36	1.97	\$710.00
VF1-1020	On/Off Heater Control w/Harnesses for Variflame	4.36	1.97	\$516.00
VF3-1205	Burner Control Unit Bottom for VR	4.50	2.04	\$968.00
VF3-1207	Burner Control Unit Top for VR	4.50	2.04	\$404.00
VF3-1204-QA	Burner Control Unit Complete w/o Harnesses for VR	4.50	2.04	\$1,296.00
VF1-1043	Burner Control Unit Complete w/Harnesses for VR	7.53	3.41	\$1,333.00
VF1-3032	Wire Harness, Mod Valve Retro New Valve to Old Control	0.65	0.29	\$75.00
VF1-3033	Wire Harness, Mod Valve Retro Old Valve to New Control	0.31	0.14	\$34.00

Outdoor Kits



Outdoor Kits are now available for all MC models. Available in recirculating air and non-recirculating options, the kit may be mounted on the outside wall to save space in the animal room and are insulated through the wall duct. Kits are available in galvanized or stainless steel.

Part#	Description	Lbs.	Kgs.	Price
VF1-1028	MC Outdoor Kit - Standard, Stainless Steel	42.04	19.06	\$1,075.00
VF1-1029	MC Outdoor Kit - Recirculating, Stainless Steel	115.95	52.59	\$2,584.00
VF1-2028	MC Outdoor Kit - Standard, Galvanized	41.08	18.63	\$526.00
VF1-2029	MC Outdoor Kit - Recirculating, Galvanized	115.10	52.20	\$1,534.00

Super-Saver Heaters

- Available in 40K to 250K BTU models
- Hot surface, direct spark or **all new pilot** ignition options
- High temp aluminized steel burn chamber
- Side swing door for easy access and maintenance
- Diagnostic lights for troubleshooting ease
- Comes standard with adjustable "y" heat deflector
- 1/3 HP totally enclosed thermally protected motor with sealed bearings
- 1/10 HP on all 40,000 to 75,000 BTU units
- Comes standard with 1/2" gas cock installed at gas valve
- Back-up safety sail switch
- High limit safety switch (manual reset)
- On/Off toggle switch
- Available in 120V and 240V models



225,000 BTU Inside Mount Model

Now available! New Pilot Light Super-Saver Heaters in LP or NG models, 250,000 BTU - 150,000 BTU manual modulating valve

The Super-Saver XL heating line is a line of direct fired heaters that have model variations for both inside suspension hanging and outside mounting. The inside mount model is a gas circulating heater that's dependability and rugged construction make it the ideal unit for confinement houses of all ages and classes of poultry. The outside mount models are forced air heaters that come complete with all relevant brackets and accessories for installation. Its superior combustion is provided by clean, fresh outside air which insures healthy, safe heat for your poultry. All models are available with options for natural gas or liquid propane.



Super-Saver Heater Technical Specification Chart

	CFM	Dimensions - W x H x D	Weight	53' Trailer Qty.	20' Container Qty.	40' Container Qty.	40' HC Container Qty.	Pallet Qty.
ISM-Large Cabinet*	1000	24.5" x 30" x 19.25"	130	160	72	144	144	8
ISM-Small Cabinet**	500	21" x 23" x 16"	81	330	123	249	249	12
OSM-Large Cabinet***	1000	24.5" x 30" x 19.25"	64	160	64	135	135	8

NOTE: Quantities based on Bremen, AL location shipments.

* Inside Mount Large Cabinet models include 250,000, 225,000, 200,000, 175,000 and 120,000 BTU units.

** Inside Mount Small Cabinet models include 75,000 and 40,000 BTU units

*** Outside Mount models are available in 250,000, 225,000, 200,000, 175,000 and 120,000 BTU units.



225,000 Outside Mount Model



Service Saver Enclosed Control Box

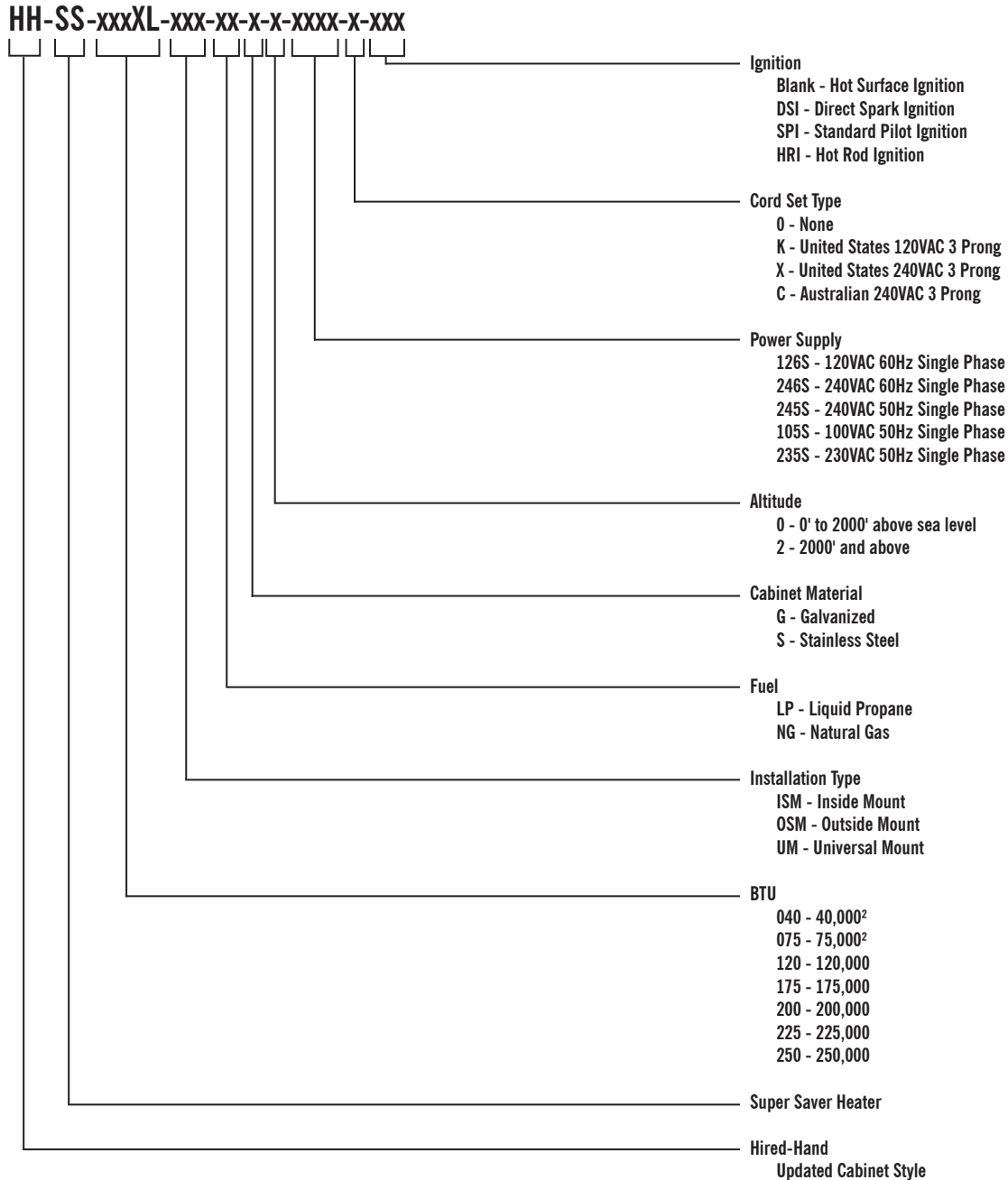


Heavy Duty Burner Assembly



Side Swinging Door

Heater Description Tree



Helpful Hints

✓	Be sure to specify the correct voltage and frequency.
✓	Heaters include hanging/mounting hardware and T-duct.
✓	The OSM model is shipped in two boxes; One with heater and one with outside mount kit.

NOTES

1.	Other options are available. Call for lead time.
2.	40,000 and 75,000 BTU models are only available with ISM Installation.
3.	Pilot ignition only available with inside mount installation.



Hot Rod Ignition Super-Saver Heaters

BTU	Mount	Gas	Style	Altitude	Voltage	Cordset	Ignition	Model Number	Part#	Price	
225,000	UM	NG	Galvanized	0' - 2,000'	120V 60Hz	Yes	Hot Rod	HH-SS-225XL-UM-NG-G-0-126S-K-HRI	6601-9972-HH	\$1,675.00	
				2,001' Plus	120V 60Hz	Yes	Hot Rod	HH-SS-225XL-UM-NG-G-2-126S-K-HRI	6601-9973-HH	\$1,675.00	
			Stainless	0' - 2,000'	120V 60Hz	Yes	Hot Rod	HH-SS-225XL-UM-NG-S-0-126S-K-HRI	6601-9974-HH	\$2,253.00	
				2,001' Plus	120V 60Hz	Yes	Hot Rod	HH-SS-225XL-UM-NG-S-2-126S-K-HRI	6601-9975-HH	\$2,253.00	
175,000			Galvanized	0' - 2,000'	120V 60Hz	Yes	Hot Rod	HH-SS-175XL-UM-NG-G-0-126S-K-HRI	6601-9977-HH	\$1,675.00	
			Stainless	0' - 2,000'	120V 60Hz	Yes	Hot Rod	HH-SS-175XL-UM-NG-S-0-126S-K-HRI	6601-9976-HH	\$2,253.00	
75,000	ISM			Galvanized	0' - 2,000'	120V 60Hz	Yes	Hot Rod	SS-75XL-ISM-NG-G-0-126S-K-HRI	6601-9978-HH	\$1,513.00
					2,001' Plus	120V 60Hz	Yes	Hot Rod	SS-75XL-ISM-NG-G-2-126S-K-HRI	6601-9979-HH	\$1,513.00
				Stainless	0' - 2,000'	120V 60Hz	Yes	Hot Rod	SS-75XL-ISM-NG-S-0-126S-K-HRI	6601-9980-HH	\$1,865.00

Pilot Light Super-Saver Heaters

BTU	Mount	Gas	Style	Altitude	Voltage	Cordset	Ignition	Model Number	Canada Appr	Part#	Price
250,000	ISM	LP	Galvanized	0' - 2000'	120V 60Hz	Yes	Standard Pilot	HH-SS-250XL-UM-LP-G-0-126S-K-SPI	Yes	6601-7400-HH	\$1,617.00
				2001' Plus	120V 60Hz	Yes	Standard Pilot	HH-SS-250XL-UM-LP-G-2-126S-K-SPI	Yes	6601-7401-HH	\$1,617.00
		NG		0' - 2000'	120V 60Hz	Yes	Standard Pilot	HH-SS-250XL-UM-NG-G-0-126S-K-SPI	Yes	6601-7402-HH	\$1,662.00
				2001' Plus	120V 60Hz	Yes	Standard Pilot	HH-SS-250XL-UM-NG-G-2-126S-K-SPI	Yes	6601-7403-HH	\$1,662.00

Pilot Light Super-Saver Heater Features:

- 150,000 BTU to 250,000 BTU output via a manual modulating valve
- Available in LP or NG models
- High & low altitude models available
- Indoor mounting only
- Galvanized cabinet only
- Easy troubleshooting & maintenance
- 120V 60Hz single phase power
- Heaters come standard with sediment trap, hanging kit & diverter
- Interchangeable replacement parts



See the back of this section for Pilot Super-Saver Parts

Outside Mount Kits

Part#	Description	Lbs.	Kgs.	Price
6450-0219-HH	Outside Mount Kit for 250,000 BTU Heater Models with Door Covers	43.81	19.87	\$568.00
6450-0220-HH	Outside Mount Kit for 120,000 BTU to 225,000 BTU Heater Models	63.84	28.95	\$568.00

Super-Saver 250,000 BTU Heating Systems

BTU	Mount	Gas	Style	Altitude	Voltage	Cordset	Ignition	Model Number	Canada Appr	Part#	Price
250,000	ISM	LP	Galvanized	0' - 2000'	120V 60Hz	Yes	Hot Surface	HH-SS-250XL-UM-LP-G-0-126S-K	Yes	6601-7200-HH	\$1,763.00
				2001' Plus	120V 60Hz	Yes	Hot Surface	HH-SS-250XL-UM-LP-G-2-126S-K	Yes	6601-7201-HH	\$1,763.00
			Stainless Steel	0' - 2000'	120V 60Hz	Yes	Hot Surface	HH-SS-250XL-UM-LP-S-0-126S-K	Yes	6601-7208-HH	\$2,426.00
				2001' Plus	120V 60Hz	Yes	Hot Surface	HH-SS-250XL-UM-LP-S-2-126S-K	Yes	6601-7209-HH	\$2,426.00
		NG	Galvanized	0' - 2000'	120V 60Hz	Yes	Hot Surface	HH-SS-250XL-UM-NG-G-0-126S-K	Yes	6601-7202-HH	\$1,763.00
				2001' Plus	120V 60Hz	Yes	Hot Surface	HH-SS-250XL-UM-NG-G-2-126S-K	Yes	6601-7203-HH	\$1,763.00
			Stainless Steel	0' - 2000'	120V 60Hz	Yes	Hot Surface	HH-SS-250XL-UM-NG-S-0-126S-K	Yes	6601-7210-HH	\$2,426.00
				2001' Plus	120V 60Hz	Yes	Hot Surface	HH-SS-250XL-UM-NG-S-2-126S-K	Yes	6601-7211-HH	\$2,426.00

NOTE: To adapt any of the above heaters to outside mount heaters, the galvanized outside mount kit number 6450-0219-HH is required.
Kit contains: Wall Mounting Brackets, Thru Wall Duct and Door Shields.

Super-Saver 225,000 BTU Heating Systems

BTU	Mount	Gas	Style	Altitude	Voltage	Cordset	Ignition	Model Number	Canada Appr	Part#	Price
225,000	ISM	LP	Galvanized	0' - 2000'	120V 60Hz	Yes	Hot Surface	HH-SS-225XL-UM-LP-G-0-126S-K	Yes	6601-7024-HH	\$1,642.00
					240V 50Hz	No	Hot Surface	HH-SS-225XL-UM-LP-G-0-245S-0	No	6601-8000-HH	\$1,993.00
					240V 50Hz	No	Hot Surface	HH-SS-225XL-UM-LP-G-0-246S-0	No	6601-8004-HH	\$1,993.00
				2001' Plus	120V 60Hz	Yes	Hot Surface	HH-SS-225XL-ISM-LP-G-2-126S-K	Yes	6601-7025-HH	\$1,642.00
					240V 60Hz	No	Hot Surface	HH-SS-225XL-UM-LP-G-2-246S-0	No	6601-8005-HH	\$1,993.00
		Stainless Steel	0' - 2000'	120V 60Hz	Yes	Hot Surface	SS-225XL-ISM-LP-S-0-126S-K	Yes	6601-0509-HH	\$2,221.00	
				120V 60Hz	Yes	Hot Surface	HH-SS-225XL-ISM-NG-G-0-126S-K	Yes	6601-7026-HH	\$1,642.00	
				2001' Plus	120V 60Hz	Yes	Hot Surface	HH-SS-225XL-ISM-NG-G-2-126S-K	Yes	6601-7027-HH	\$1,642.00
			Stainless Steel	0' - 2000'	120V 60Hz	Yes	Hot Surface	SS-225XL-ISM-NG-S-0-126S-K	Yes	6601-0511-HH	\$2,221.00
				2001' Plus	120V 60Hz	Yes	Hot Surface	SS-225XL-ISM-NG-S-2-126S-1	Yes	6601-1511-HH	\$2,221.00

NOTE: To adapt any of the above heaters to outside mount heaters, the galvanized outside mount kit number 6450-0220-HH is required.
Kit contains: Wall Mounting Brackets, Thru Wall Duct and Door Shields.
All 225,000 BTU - 240V - Natural Gas Heaters are only offered in Direct Spark Ignition. Reference the Direct Spark section for part numbers and pricing.

Super-Saver 200,000 BTU Heating Systems

BTU	Mount	Gas	Style	Altitude	Voltage	Cordset	Ignition	Model Number	Canada Appr	Part#	Price
200,000	ISM	LP	Galvanized	0' - 5000'	120V 60Hz	Yes	Hot Surface	HH-SS-200XL-ISM-LP-G-0-126S-K	Yes	6601-7016-HH	\$1,642.00
			Stainless Steel	0' - 5000'	120V 60Hz	Yes	Hot Surface	SS-200XL-ISM-LP-S-0-126S-K	Yes	6601-0505-HH	\$2,221.00
			Galvanized	0' - 5000'	120V 60Hz	Yes	Hot Surface	HH-SS-200XL-ISM-NG-G-0-126S-K	Yes	6601-7018-HH	\$1,642.00

NOTE: To adapt any of the above heaters to outside mount heaters, the galvanized outside mount kit number 6450-0220-HH is required.
Kit contains: Wall Mounting Brackets, Thru Wall Duct and Door Shields.

Super-Saver 175,000 BTU Heating Systems

BTU	Mount	Gas	Style	Altitude	Voltage	Cordset	Ignition	Model Number	Canada Appr	Part#	Price
175,000	ISM	LP	Galvanized	0' - 5000'	120V 60Hz	Yes	Hot Surface	HH-SS-175XL-ISM-LP-G-0-126S-K	Yes	6601-7008-HH	\$1,642.00
					240V 60Hz	No	Hot Surface	HH-SS-175XL-UM-LP-G-0-245S-0	No	6601-8003-HH	\$1,993.00
					240V 60Hz	No	Hot Surface	HH-SS-175XL-UM-LP-G-0-246S-0	No	6601-8007-HH	\$1,993.00
			Stainless Steel	0' - 5000'	120V 60Hz	Yes	Hot Surface	SS-175XL-ISM-LP-S-0-126S-K	Yes	6601-0501-HH	\$2,221.00
		NG	Galvanized		120V 60Hz	Yes	Hot Surface	HH-SS-175XL-ISM-NG-G-0-126S-K	Yes	6601-7010-HH	\$1,642.00
			Stainless Steel		120V 60Hz	Yes	Hot Surface	SS-175XL-ISM-NG-S-0-126S-K	Yes	6601-0503-HH	\$2,221.00

NOTE: To adapt any of the above heaters to outside mount heaters, the galvanized outside mount kit number 6450-0220-HH is required.
Kit contains: Wall Mounting Brackets, Thru Wall Duct and Door Shields.
All 175,000 BTU - 240V - Natural Gas Heaters are only offered in Direct Spark Ignition. Reference the Direct Spark section for part numbers and pricing.

Super-Saver 120,000 BTU Heating Systems

BTU	Mount	Gas	Style	Altitude	Voltage	Cordset	Ignition	Model Number	Canada Appr	Part#	Price
120,000	ISM	LP	Galvanized	0' - 5000'	120V 60Hz	Yes	Hot Surface	HH-SS-120XL-ISM-LP-G-0-126S-K	Yes	6601-7000-HH	\$1,642.00
			Stainless Steel	0' - 5000'	120V 60Hz	Yes	Hot Surface	SS-120XL-ISM-LP-S-0-126S-K	Yes	6601-0521-HH	\$2,221.00
		NG	Galvanized	0' - 5000'	120V 60Hz	Yes	Hot Surface	HH-SS-120XL-ISM-NG-G-0-126S-K	Yes	6601-7002-HH	\$1,642.00
			Stainless Steel	0' - 5000'	120V 60Hz	Yes	Hot Surface	SS-120XL-ISM-NG-S-0-126S-K	Yes	6601-0523-HH	\$2,221.00

NOTE: To adapt any of the above heaters to outside mount heaters, the galvanized outside mount kit number 6450-0220-HH is required.
Kit contains: Wall Mounting Brackets, Thru Wall Duct and Door Shields.

Super-Saver 75,000 BTU Heating Systems

BTU	Mount	Gas	Style	Altitude	Voltage	Cordset	Ignition	Model Number	Canada Appr	Part#	Price
75,000	ISM	LP	Galvanized	0' - 2000'	120V 60Hz	Yes	Hot Surface	SS-75XL-ISM-LP-G-0-126S-K	Yes	6601-0104-HH	\$1,480.00
				2000' Plus	120V 60Hz	Yes	Hot Surface	SS-75XL-ISM-LP-G-2-126S-K	Yes	6601-0110-HH	\$1,480.00
			Stainless Steel	0' - 2000'	120V 60Hz	Yes	Hot Surface	SS-75XL-ISM-LP-S-0-126S-K	Yes	6601-0105-HH	\$1,832.00
				2000' Plus	120V 60Hz	Yes	Hot Surface	SS-75XL-ISM-LP-S-2-126S-K	Yes	6601-1105-HH	\$1,832.00
		NG	Galvanized	0' - 2000'	120V 60Hz	Yes	Hot Surface	SS-75XL-ISM-NG-G-0-126S-K	Yes	6601-0106-HH	\$1,480.00
				2000' Plus	120V 60Hz	Yes	Hot Surface	SS-75XL-ISM-NG-G-2-126S-K	Yes	6601-2106-HH	\$1,480.00
			Stainless Steel	0' - 2000'	120V 60Hz	Yes	Hot Surface	SS-75XL-ISM-NG-S-0-126S-K	Yes	6601-0107-HH	\$1,832.00
				2000' Plus	120V 60Hz	Yes	Hot Surface	SS-75XL-ISM-NG-S-2-126S-K	Yes	6601-1107-HH	\$1,832.00

Super-Saver (Direct Spark Ignition) Heating Systems - Finished Goods and Accessories Pricing List

BTU	Mount	Gas	Style	Altitude	Voltage	Cordset	Ignition	Model Number	Canada Appr	Part#	Price	
250,000		LP	Galvanized	0' - 2000'	120V 60Hz	Yes	Direct Spark	HH-SS-250XL-UM-LP-G-0-126S-DSI	Yes	6601-7204-HH	\$1,783.00	
				2000' Plus	120V 60Hz	Yes	Direct Spark	HH-SS-250XL-UM-LP-G-2-126S-DSI	Yes	6601-7206-HH	\$1,783.00	
			Stainless Steel	0' - 2000'	120V 60Hz	Yes	Direct Spark	HH-SS-250XL-UM-LP-S-0-126S-DSI	Yes	6601-7212-HH	\$2,426.00	
				2000' Plus	120V 60Hz	Yes	Direct Spark	HH-SS-250XL-UM-LP-S-2-126S-DSI	Yes	6601-7213-HH	\$2,426.00	
		NG	Galvanized	0' - 2000'	120V 60Hz	Yes	Direct Spark	HH-SS-250XL-UM-NG-G-0-126S-DSI	Yes	6601-7205-HH	\$1,783.00	
				2000' Plus	120V 60Hz	Yes	Direct Spark	HH-SS-250XL-UM-NG-G-2-126S-DSI	Yes	6601-7207-HH	\$1,783.00	
			Stainless Steel	0' - 2000'	120V 60Hz	Yes	Direct Spark	HH-SS-250XL-UM-NG-S-0-126S-DSI	Yes	6601-7214-HH	\$2,426.00	
				2000' Plus	120V 60Hz	Yes	Direct Spark	HH-SS-250XL-UM-NG-S-2-126S-DSI	Yes	6601-7215-HH	\$2,426.00	
225,000	ISM	LP	Galvanized	0' - 2000'	120V 60Hz	Yes	Direct Spark	HH-SS-225XL-UM-LP-G-0-126S-K DSI	Yes	6601-3006-HH	\$1,642.00	
				0' - 2000'	240V 50Hz	No	Direct Spark	HH-SS-225XL-UM-LP-G-0-245S-DSI	No	6601-8008-HH	\$1,993.00	
				2000' Plus	240V 50Hz	No	Direct Spark	HH-SS-225XL-UM-LP-G-2-245S-DSI	No	6601-8009-HH	\$1,993.00	
		NG		0' - 2000'	120V 60Hz	Yes	Direct Spark	HH-SS-225XL-UM-NG-G-0-126S-K DSI	Yes	6601-3007-HH	\$1,642.00	
				0' - 2000'	240V 50Hz	Yes	Direct Spark	HH-SS-225XL-UM-NG-G-0-245S-DSI	No	6601-8012-HH	\$1,993.00	
				0' - 2000'	240V 50Hz	No	Direct Spark	HH-SS-225XL-UM-LP-G-0-246S-DSI	No	6601-8016-HH	\$1,993.00	
				2000' Plus	240V 50Hz	No	Direct Spark	HH-SS-225XL-UM-NG-G-2-245S-DSI	No	6601-8013-HH	\$1,993.00	
				2001' Plus	240V 50Hz	No	Direct Spark	HH-SS-225XL-UM-NG-G-2-246S-DSI	No	6601-8021-HH	\$1,993.00	
				2001' Plus	240V 50Hz	No	Direct Spark	HH-SS-175XL-UM-NG-G-0-245S-DSI	No	6601-8015-HH	\$1,993.00	
				0' - 5000'	240V 60Hz	No	Direct Spark	HH-SS-175XL-UM-NG-G-0-246S-DSI	No	6601-8023-HH	\$1,993.00	
				LP	0' - 2000'	120V 60Hz	Yes	Direct Spark	SS-75XL-ISM-LP-G-0-126S-K-DSI	Yes	6601-0121-HH	\$1,523.00
					2000' Plus	120V 60Hz	Yes	Direct Spark	SS-75XL-ISM-LP-G-2-126S-K-DSI	Yes	6601-0125-HH	\$1,523.00
Stainless Steel	0' - 2000'	120V 60Hz	Yes		Direct Spark	SS-75XL-ISM-LP-S-0-126S-K-DSI	Yes	6601-0122-HH	\$1,832.00			
	2000' Plus	120V 60Hz	Yes	Direct Spark	SS-75XL-ISM-LP-S-2-126S-K-DSI	Yes	6601-0126-HH	\$1,832.00				
175,000		NG	Galvanized	0' - 2000'	120V 60Hz	Yes	Direct Spark	SS-75XL-ISM-NG-G-0-126S-K-DSI	Yes	6601-0123-HH	\$1,480.00	
2000' Plus	120V 60Hz			Yes	Direct Spark	SS-75XL-ISM-NG-G-2-126S-K-DSI	Yes	6601-0128-HH	\$1,480.00			
Stainless Steel	0' - 2000'		120V 60Hz	Yes	Direct Spark	SS-75XL-ISM-NG-S-0-126S-K-DSI	Yes	6601-0124-HH	\$1,832.00			
	2000' Plus		120V 60Hz	Yes	Direct Spark	SS-75XL-ISM-NG-S-2-126S-K-DSI	Yes	6601-0127-HH	\$1,832.00			
75,000	LP		Galvanized	0' - 2000'	120V 60Hz	Yes	Direct Spark	SS-75XL-ISM-LP-G-0-126S-K-DSI	Yes	6601-0121-HH	\$1,523.00	
				2000' Plus	120V 60Hz	Yes	Direct Spark	SS-75XL-ISM-LP-G-2-126S-K-DSI	Yes	6601-0125-HH	\$1,523.00	
			Stainless Steel	0' - 2000'	120V 60Hz	Yes	Direct Spark	SS-75XL-ISM-LP-S-0-126S-K-DSI	Yes	6601-0122-HH	\$1,832.00	
				2000' Plus	120V 60Hz	Yes	Direct Spark	SS-75XL-ISM-LP-S-2-126S-K-DSI	Yes	6601-0126-HH	\$1,832.00	

NOTE: To adapt any of the above DSI heaters to outside mount heaters, the respective galvanized outside mount kit number 6450-0219 for 250,000 BTU Heaters or the 6450-0220 for 175,000 to 225,000 BTU Heaters is required. Kit contains: Wall Mounting Brackets, Thru Wall Duct and Door Shields.

Super-Saver (CE) Heating Systems - Finished Goods and Accessories Pricing List

BTU	Mount	Gas	Style	Voltage	Language	Ignition	Model Number	Part#	Price
225,000	UM	Liquid Propane	Galvanized	230V 50Hz	English	Direct Spark	HH-SS-225XL-UM-LP-G-0-235S-EN	6601-9050-HH	\$2,183.00
		Natural Gas	Galvanized	230V 50Hz	English	Direct Spark	HH-SS-225XL-UM-NG-G-0-235S-EN	6601-9051-HH	\$2,183.00
		Butane & Propane Gas	Galvanized	230V 50Hz	English	Direct Spark	HH-SS-225XL-UM-BP-G-0-235S-EN	6601-9052-HH	\$2,183.00
		Butane & Propane Gas	Galvanized	230V 50Hz	Italian	Direct Spark	HH-SS-225XL-UM-BP-G-0-235S-IT	6601-9053-HH	\$2,183.00
		Natural Gas	Galvanized	230V 50Hz	Italian	Direct Spark	HH-SS-225XL-UM-NG-G-0-235S-IT	6601-9054-HH	\$2,183.00

Super-Saver (Australia Gas Association - AGA) Heating Systems - Finished Goods and Accessories Pricing List

BTU	Mount	Gas	Style	Voltage	Language	Ignition	Model Number	Part#	Price
225,000	UM	Liquid Propane	Galvanized	240V 50Hz	English	Direct Spark	HH-SS-225XL-UM-LP-G-0-245S-0-AGA	6601-9965-HH	\$1,993.00
		Natural Gas	Galvanized	240V 50Hz	English	Direct Spark	HH-SS-225XL-UM-NG-G-0-245S-0-AGA	6601-9964-HH	\$1,993.00
		Natural Gas	Stainless Steel	240V 50Hz	English	Direct Spark	HH-SS-225XL-UM-NG-S-0-245S-0-AGA	6601-9970	\$2,492.00
		Liquid Propane	Stainless Steel	240V 50Hz	English	Direct Spark	HH-SS-225XL-UM-LP-S-0-245S-0-AGA	6601-9971	\$2,492.00

NOTE: To adapt any of the above heaters to outside mount heaters, the galvanized outside mount kit number 6450-0220-HH is required.

Kit contains: Wall Mounting Brackets, Thru Wall Duct and Door Shields

August 05, 2024

Prices and specifications are subject to change without notice.

Installation Kits - Natural Gas Models

Part Number and Photo	Description and Model Number	Price
 6650-0440	Includes Hose, Regulator and Water Tight Thermostat with Piggy Back Cord	\$350.00
	HK-HN-RN-LC	
 6650-0438	Includes Hose and Regulator	\$200.00
	HK-HN-RN-00	
 6650-0426	Includes Regulator and Water Tight Thermostat without Cord	\$229.00
	HK-00-RN-LO	

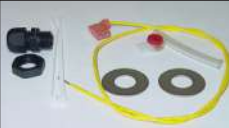
Part Number and Photo	Description and Model Number	Price
 6650-0442	Includes Hose, Regulator and Stainless Steel Thermostat with Piggy Back Cord	\$313.00
	HK-HN-RN-SC	
 6650-0439	Includes Hose, Regulator and Water Tight Thermostat without Cord	\$CALL
	HK-HN-RN-LO	
 6650-0432	Includes Regulator and Stainless Steel Thermostat with Piggy Back Cord	\$272.00
	HK-00-RN-SC	

Installation Kit - Liquid Propane Models

Part Number and Photo	Description and Model Number	Price
 6650-0435	Includes Hose, Regulator and Water Tight Thermostat with Piggy Back Cord	\$406.00
	HK-HP-RP-LC	
 6650-0434	Includes Hose, Regulator and Water Tight Thermostat without Piggy Back Cord	\$346.00
	HK-HP-RP-LO	
 6650-0425	Includes Regulator and Water Tight Thermostat with Piggy Back Cord	\$263.00
	HK-00-RP-LO	

Part Number and Photo	Description and Model Number	Price
 6650-0437	Includes Hose, Regulator and Stainless Steel Thermostat with Piggy Back Cord	\$361.00
	HK-HP-RP-SC	
 6650-0433	Includes Hose and Regulator	\$252.00
	HK-HP-RP-00	
 6650-0431	Includes Regulator and Stainless Steel Thermostat with Piggy Back Cord	\$275.00
	HK-00-RP-SC	

Conversion Kits

Part Number and Photo	Description and Model Number	Price
 6650-0400-HH	Kit to Direct Wire Flame Probe to Module	\$33.00
	Heater Flame Probe direct wire	

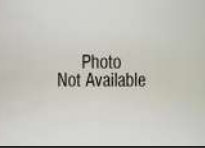
Blower Wheels

Part Number and Photo	Description and Model Number	Price
	Large 3 Lbs. Cabinet Heater Blower Wheel	\$94.00
	BLOWER-WHEEL SS-225	
	6401-1318A	

Part Number and Photo	Description and Model Number	Price
	Small 1 Lbs. Cabinet Heater Blower Wheel	\$90.00
	BLOWER-WHEEL SS-75	
	6401-1726	

Blower/Motor Assemblies

Part Number and Photo	Description and Model Number	Price
	Small Cabinet Heater Blower Assembly 120V 60Hz Model	\$302.00
	SS-75XL-K Blwr whl/mtr assy	
	6401-2317-HH	
	Large Cabinet Heater Blower Assembly CE Approved Unit	\$415.00
	SS-225 Blwr whl/mtr assy CE	
	6401-5036-HH	
	Large Cabinet Heater Blower Assembly 120V 60Hz Model - Pre 2010	\$372.00
	SS-225 Blwr whl/mtr assy 126S	
	6401-1347-HH	

Part Number and Photo	Description and Model Number	Price
	Large Cabinet Heater Blower Assembly 240V 60Hz Model	\$187.00
	SS-225-Blwr whl/mtr assy 246S	
	6401-1350	
	Large Cabinet Heater Blower Assembly 120V 60Hz Model	\$395.00
	HH-225XL BlwrWhl/MtrAssy 126S	
	6401-4505-HH	

Burner Assemblies

Part Number and Photo	Description and Model Number	Price
	Small 4 Lbs. Cabinet Heater Burner Assembly	\$65.00
	SS-75XL Burner Painted	
	6401-1307-HH	

Capacitors

Part Number and Photo	Description and Model Number	Price
	Motor Capacitor with Bracket to Mount at End of Motor	\$55.00
	KIT SSXL Capacitor w/brkt	
	6450-5082-HH	

Part#	Description	Price
3504-1625	Motor Capacitor for Weg Motor - 1100 RPM, 1/3 HP	\$36.00
3504-5009	Motor Capacitor for Emerson Motor - 1100 RPM, 1/3 HP	\$81.00
3504-2000	CAP Motor EMER 5.0 UF with 3017-5090	\$40.00

Door Assemblies

Description	Model Number	Part#	Price
Galvanized Door Assembly for Large Cabinet Inside Mount Heater	SS-225XL-G Door Assy	6401-2867-HH	\$53.00
Stainless Steel Door Assembly for Large Cabinet Inside Mount Heater	SS-225XL-S Door Assy	6401-2887	\$137.00
Stainless Steel Door Assembly for Large Cabinet Outside Mount Heater	SS-225XL-OSM-S Door Assy	6401-1111	\$124.00

Duct Assemblies

Description	Model Number	Part#	Price
Galvanized T-Duct Assembly for Large Cabinet Inside Mount Heater	SS-225XL-G-T-Duct complt	6401-2877-HH	\$45.00
Galvanized Y-Duct Assembly for Large Cabinet Inside Mount Heater	SS-225XL-G-Y-Duct complt	6401-2876-HH	\$53.00
Stainless Steel T-Duct Assembly for Large Cabinet Inside Mount Heater	SS-225XL-S-T-Duct complt	6401-2902-HH	\$55.00
Galvanized T-Duct Assembly for Small Cabinet Inside Mount Heater	SS-755XL-G-T-Duct complt	6401-2888-HH	\$46.00
Galvanized Y-Duct Assembly for Small Cabinet Inside Mount Heater	SS-75XL-G-Y-Duct complt	6401-2878-HH	\$90.00
Stainless Steel T-Duct Assembly for Small Cabinet Inside Mount Heater	SS-75XL-S-T-Duct complt	6401-2903-HH	\$35.00

Gas Hoses

Part Number and Photo	Description and Model Number	Price
 1010-1317	Propane and Natural Gas Hose - 10' Section	\$105.00
	HOSE Gas LP & NG 10'	

Gas/Ball Valves

Part Number and Photo	Description and Model Number	Price
 3004-0100	Liquid Propane Gas Valve - Honeywell	\$163.00
	GAS_VLV HW Elect LP VR8205A	
 3004-1301-HH	Liquid Propane Gas Valve - White Rodgers	\$176.00
	GAS_VLV WR Elect LP NG36E16	
 1009-1500	Brass Ball Valve (1/2 x 1/2)	\$35.00
	VLV Brs Ball 1/2NPTxJIE f/m	

Part Number and Photo	Description and Model Number	Price
 3004-0101	Natural Gas Valve - Honeywell	\$166.00
	GAS_VLV HW Elect NG VR8305M	
 6401-1301-HH	Natural Gas Valve - White Rodgers	\$176.00
	SS 36E16 Gas Valve Assy NG	
 3004-1302	Pilot Heater Gas Valve	\$CALL
	GAS_VLV JC Pilot G92CAB-14	

Gas Valve Assemblies

Part Number and Photo	Description and Model Number	Price
	Propane Gas Valve Assembly - 120/240V 50/60Hz - 40,000 BTU	\$221.00
	SS-40 Gas vlv assy LP HW	
6401-2868-HH		

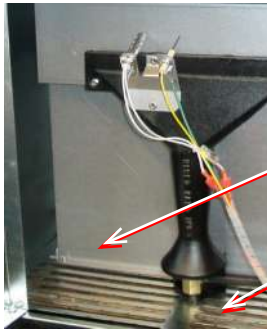
Part Number and Photo	Description and Model Number	Price
	Natural Gas Valve Assembly - 120/240V 50/60Hz - 40,000 BTU	\$229.00
	SS-40 Gas vlv assy NG HW	
6401-2869-HH		

Description	Model Number	Part#	Price
Propane Gas Valve Assembly - 120/240V 50/60Hz - 40,000 BTU - High Altitude	SS-40 Gas vlv assy LP HW	6401-2895	\$277.00
Propane Gas Valve Assembly - 120/240V 50/60Hz - 75,000 BTU	SS-75 Gas vlv assy LP HW	6401-2865-HH	\$229.00
Propane Gas Valve Assembly - 120/240V 50/60Hz - 120,000 BTU	SS-120 Gas vlv assy LP HW	6401-2315-HH	\$195.00
Propane Gas Valve Assembly - 120/240V 50/60Hz - 175,000 BTU	SS-175 Gas vlv assy LP NIP	6401-5021-HH	\$179.00
Propane Gas Valve Assembly - 120/240V 50/60Hz - 200,000 BTU	HH-200XL Gas vlv assy LP HW	6401-4529	\$202.00
Propane Gas Valve Assembly - 120/240V 50/60Hz - 225,000 BTU	SS-225 Gas vlv assy LP HW	6401-2912-HH	\$208.00
Propane Gas Valve Assembly - 120/240V 50/60Hz - 225,000 BTU - High Altitude	SS-225 Gas vlv assy LP HA	6401-5011-HH	\$208.00
Propane Gas Valve Assembly - 120/240V 50/60Hz - 250,000 BTU	HH-250XL Gas vlv assy LP HW	6401-4603	\$189.00
Propane Gas Valve Assembly - 120/240V 50/60Hz - 250,000 BTU - High Altitude	HH-250XL Gas vlv assy LP HW HA	6401-4604	\$131.00
Natural Gas Valve Assembly - 120/240V 50/60Hz - 40,000 BTU - High Altitude	SS-40 Gas vlv assy NG HW HA	6401-2894	\$222.00
Natural Gas Valve Assembly - 120/240V 50/60Hz - 75,000 BTU	SS-75 Gas vlv assy NG HW	6401-2870-HH	\$229.00
Natural Gas Valve Assembly - 120/240V 50/60Hz - 120,000 BTU	SS-120 Gas vlv assy NG HW	6401-2316	\$179.00
Natural Gas Valve Assembly - 120/240V 50/60Hz - 175,000 BTU	SS-175 Gas vlv assy NG HW	6401-5018	\$179.00
Natural Gas Valve Assembly - 120/240V 50/60Hz - 200,000 BTU	SS-200 Gas vlve assy NG HW	6401-2860-HH	\$189.00
Natural Gas Valve Assembly - 120/240V 50/60Hz - 225,000 BTU	SS-225 Gas vlv assy NG HW	6401-5000-HH	\$208.00
Natural Gas Valve Assembly - 120/240V 50/60Hz - 225,000 BTU - High Altitude	SS-225 Gas Valve Assy NG HW HA	6401-2872-HH	\$189.00
Natural Gas Valve Assembly - 120/240V 50/60Hz - 250,000 BTU	HH-250XL Gas Valve Assy NG HW	6401-4605	\$131.00
Natural Gas Valve Assembly - 120/240V 50/60Hz - 250,000 BTU - High Altitude	HH-250XL Gas vlv assy NG HW HA	6401-4606	\$131.00

Hardware

Description	Model Number	Part#	Price
1/4"-20 Hex Nut	NUT Fin 1/4-20 hx Z	1001-1445	\$0.40
Zinc 1/4"-50 Lock Nut with Nylon Insert	NUT Lock 1/4-20 N/1 hx Z	1001-1446	\$0.40
8/32" Hex Machine Screw	NUT Mch/Scrw 8-32 hx Z	1001-1453	\$0.30
1/2" Cable Connector Nut	NUT Lock 1/2 romex conn	1001-2158	\$0.90
1/4"-20 x 5/16" J-Bolt	BOLT J 1/4-20 x 2-5/16 Z	1002-1396	\$2.35
8/32" x 1/2" Phillips Head Machine Screw	SCRW Mach 8/32 x 1/2 pan phil Z	1004-0118	\$0.30
8/15" x 1/2" Slotted Hex Sheet Metal Screw	SCRW SM 8-15 x 1/2 HW SL A Z	1004-1130	\$0.30
5/16" x 3-3/4" Lag Screw Hook	SCRW Lag 5/16 x 3-3/4 open eye Z	1004-1395	\$2.50
1/4"-20 x 1/2" Hex Cap Screw	SCRW Cap 1/4-20 x 1/2 hx2 Z	1004-1401	\$0.40

Ignitors and Ignitor Kits

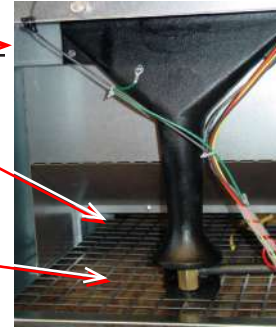


← Prior to March '06
(120V Version)

~ Visual Characteristics ~
Cabinet Solid Below Burner

Mount Location of Ignitor

Bottom Pattern Variation



→ March '06 to Present
(120V Version)

~ Visual Characteristics ~
Cabinet Open Below Burner

Mount Location of Ignitor

Bottom Pattern Variation

Part Number and Photo	Description and Model Number	Price
	Conversion - Ceramic 4" to Stainless 2.5" 120V (Prior to March '06)	\$87.00
	Contains the 3002-5000 Ignitor Replaces 6450-302 & 6401-2914	
	KIT SS Large Igntr 271 to 601	
6450-0212-HH		

Part Number and Photo	Description and Model Number	Price
	Ignitor Replacement - Stainless Steel with Connectors (Prior to March '06)	\$83.00
	IGNTR 120VAC Mini 3.5" SCB	
6401-2914-HH		

Part Number and Photo	Description and Model Number	Price
	Ignitor Replacement - Flat Ceramic with Connectors (Prior to March '06)	\$59.00
	KIT RK Ignitor 120V .250 fm	
6450-3002-HH		

Description	Model Number	Part#	Price
Conversion Kit - HSI to DSI Ignition (Prior to March '06)	/KIT HTR 120 PreHH/240V DSI Co	6450-9081	\$74.00
Conversion Kit - HSI to DSI Ignition (March '06 to Present)	/KIT HH SSXL DSI Ignition (March '06 to Present)	6450-9968	\$74.00
Conversion - Ceramic 4" to Stainless 2.5" - 24V (Prior to March '06)	KIT IGN 401 to 2.5" 401 240NG	6450-0217-HH	\$56.00
Ignitor for 225,000 BTU Heaters (March '06 to Present)	IGNTR 120vac Mini 3" SCB	3002-3004	\$65.00
Ignitor Bracket Only	FAB AS Brkt ignitor SS XL	0408-2040	\$8.00

Kits - Conversion and Add-On Accessories

Part Number and Photo	Description and Model Number	Price
	Gas Conversion Kit - Liquid Propane to Natural Gas - White Rogers	\$14.30
	KIT Conv LP to NG sprng only WR	
6450-9002		

Part Number and Photo	Description and Model Number	Price
	White Rodgers to UT Module Conversion Kit	\$183.00
	EETronic 50E47-160	
6450-5250-HH		

Part Number and Photo	Description and Model Number	Price
	For Pilot Heater with Orifice and Bracket	\$87.00
	KIT Pilot Assy LP/NG J999MKA-2	
6450-0997		

Description	Model Number	Part#	Price
Gas Conversion Kit - Natural Gas to Liquid Propane - White Rogers	KIT Conv NGtoLP sprng only WR	6450-9001-HH	\$15.67
Gas Conversion Kit - Liquid Propane to Natural Gas - White Rogers	HK Conv LPtoNG sprng only WR	6450-9002	\$14.30
Gas Conversion Kit - Liquid Propane to Natural Gas - Honeywell	KIT Conv LP to NG HW	6450-0141	\$44.00
Gas Conversion Kit - Natural Gas to Liquid Propane - Honeywell	KIT Conv NG to LP HW	6450-0144	\$25.00

Prices and specifications are subject to change without notice.

August 05, 2024

Kits - Mounting

Description	Model Number	Part#	Price
Galvanized Mounting Kit for Outside Mount Model with Bracket and Duct Assembly	KIT IK SS-225XL-OSM-G	6450-0200-HH	\$375.00
Outside Mount Kit for 250,000 BTU Heater Models with Door Covers	/KIT IK HH SS-250XL-OSM-G	6450-0219-HH	\$568.00
Mounting Hardware Kit for Outside Mount Heater	KIT HDW SS-OSM	6450-2870-HH	\$14.82
Hanging Hardware for Inside Mount Heater	KIT SS Hanging Kit	6450-3027-HH	\$27.00

Modules

Part Number and Photo	Description and Model Number	Price
 3591-0100	Heater Module - 240V 50/60Hz Models	\$171.00
	MODULE Blk 230V/50Hz GV Inducr	

Part Number and Photo	Description and Model Number	Price
 3591-1851	Heater Module - 120V 60Hz Models	\$157.00
	MODULE UT Etronic 1018-200 RevA	

Motors

Part Number and Photo	Description and Model Number	Price
 3017-1300A	Large Cabinet Heater Motor - 120V 60Hz	\$296.00
	MODULE Blk 230V/50Hz GV Inducr	

Part Number and Photo	Description and Model Number	Price
 3017-1302	Small Cabinet Heater Motor - 120V 60Hz	\$234.00
	MTR Mtek 1/10 HP 115V 60Hz BLW	

Description	Model Number	Part#	Price
Large Cabinet Heater Motor - 240V 50Hz	MTR Fasco 1/3 HP 230v 50Hz	3017-5090A	\$329.00
Large Cabinet Heater Motor - 240V 60Hz	MTR Mtek 1100rpm 1/3 HP 200/230v 60Hz	3017-5029A	\$294.00

Orifice - Large Cabinet Heaters (120,000 - 225,000 BTU)

Description	Model Number	Part#	Price
120,000 BTU Orifice - Liquid Propane	FAB BR Orifice SS-120 LP	0409-1335-HH	\$50.00
120,000 BTU Orifice - Natural Gas	FAB BR Orifice SS-120 NAT	0409-1336-HH	\$50.00
175,000 BTU Orifice - Natural Gas	FAB BR Orifice SS-175 NAT	0409-1322-HH	\$50.00
200,000 BTU Orifice - Liquid Propane	FAB BR Orifice SS-200 LP	0409-1329-HH	\$45.00
200,000 BTU Orifice - Natural Gas	FAB BR Orifice SS-200 NAT	0409-1328-HH	\$45.00
225,000 BTU Orifice - Liquid Propane	FAB BR Orifice SS-225 LP	0409-1331-HH	\$50.00
225,000 BTU Orifice - Liquid Propane - High Altitude	FAB BR Orifice SS-225 LP H/A	0409-2167-HH	\$50.00
225,000 BTU Orifice - Natural Gas	FAB BR Orifice SS-225 NAT	0409-1330-HH	\$50.00
225,000 BTU Orifice - Natural Gas - High Altitude	FAB BR Orifice SS-225 NAT H/A	0409-2180-HH	\$50.00

Orifice - Small Cabinet Heaters (40,000 - 75,000 BTU)

Description	Model Number	Part#	Price
40,000 BTU Orifice - Liquid Propane	FAB BR Orifice SS-40 LP	0409-1325-HH	\$50.00
40,000 BTU Orifice - Natural Gas	FAB BR Orifice SS-40 NAT	0409-1324-HH	\$50.00
75,000 BTU Orifice - Liquid Propane	FAB BR Orifice SS-75 LP	0409-1327-HH	\$50.00
75,000 BTU Orifice - Liquid Propane - High Altitude	FAB BR Orifice SS-75 LP H/A	0409-2169-HH	\$38.00
75,000 BTU Orifice - Natural Gas	FAB BR Orifice SS-75 NAT	0409-1326-HH	\$50.00

Pipe Fitting/Nipples

Part Number and Photo	Description and Model Number	Price
	1/2" to 1/4" Pipe Reducer	\$9.18
	FTNG Pipe 1/2 to 1/4 Reducer	
1021-1495		
	1/2" Pipe Tee	\$13.57
	FTNG Pipe 1/2" T galvanized	
1021-1500		
	Brass Test Nipple	\$14.89
	FTNG Brass test NIPPLE	
1021-6000		

Part Number and Photo	Description and Model Number	Price
	1/2" Pipe Plug	\$4.90
	FTNG Pipe 1/2" plug	
1021-1496		
	1/2" Brass Pipe Fitting	\$7.04
	FTNG Pipe BRASS FITTING	
1021-2501		

Description	Model Number	Part#	Price
1/4" x 5-1/4" Pipe	NIPPLE Pipe 1/4 x 5-1/4 blk	1041-0100	\$9.00

Regulators

Part Number and Photo	Description and Model Number	Price
	Liquid Propane Regulator	\$120.00
	REG Gas LP preset 13.25" WC	
1045-0100		

Part Number and Photo	Description and Model Number	Price
	Natural Gas Regulator	\$120.00
	REG Gas NG 325-5A	
1045-1305		

Flame Probes

Description	Model Number	Part#	Price
Flame Probe for Old Style Heater ('98 and Prior - 120V and 240V)	RK Flame Probe 4"	6450-0091-HH	\$30.00
Flame Probe for Old Style Heater ('98 to Pres-240V and '98 to '05-120V)	RK Flame Probe 1.25"	6450-0093-HH	\$30.00
Flame Probe for Old Style Heater ('06 to Present - 120V)	RK Flame Probe 2.20"	6450-0094-HH	\$31.00

Switches/Fuses

Part Number and Photo	Description and Model Number	Price
	10A Fuse	\$2.04
	FUSE 10A 1/4 x 1-1/4 fst act	
	3010-2139	

Description	Model Number	Part#	Price
Gas Pressure	SWITCH Gas Pressure md 608 2.5"	3001-0111	\$87.00
Sail Switch	SWITCH Micro with sail levrv V3L	3001-1740	\$15.30
Single Pole - Single Throw Switch (On/Off)	SWITCH SPST toggle tabs	3001-2862	\$16.73

Thermocouple

Part Number and Photo	Description and Model Number	Price
	Thermocouple for Pilot Heater	\$42.00
	FLM_SNS Thermocouple KA 18 PILOT	
	3003-1320	

Thermodiscs - High Limit

Part Number and Photo	Description and Model Number	Price
	High Limit Thermodiscs for Large Cabinet Model Heaters	\$23.00
	TSTAT TDISC 60T15 320D Airstrm	
	3005-0107	

Part Number and Photo	Description and Model Number	Price
	High Limit Thermodiscs for all Non-XL Model Heaters	\$23.00
	TSTAT THERMO DISC 60T24 350D	
	3005-1311	

Description	Model Number	Part#	Price
High Limit Thermodisc for Small Cabinet Model Heaters	TSTAT TDISC 60T15 350D Airstrm	3005-0108	\$23.00

Thermostats and Assemblies

Part Number and Photo	Description and Model Number	Price
	Stainless Steel Thermostat	\$98.00
	TSTAT T19SB-1C SS single SPDT	
	3005-0102	
	Single Stage Thermostat	\$113.00
	TSTAT T19PC-3C C/F Liquid Tight	
	3005-2130	
	Single Stage Thermostat	\$54.00
	3005-2140	

Part Number and Photo	Description and Model Number	Price
	Stainless Steel Thermostat Assy - w/20' prewired cord set	\$145.00
	TSTAT T19SB-1C 20' PBC	
	6614-0111-HH	
	Water Tight Plastic Thermostat Assy - w/20' prewired cord set	\$176.00
	TSTAT T19PC-3C 20' PBC	
	6614-2290-HH	

Transformers

Part Number and Photo	Description and Model Number	Price
	120V Heater Transformer	\$82.00
	SS-XL XFMR 120V/24V 40VA 50/60	
6401-2911-HH		

Part Number and Photo	Description and Model Number	Price
	240V Heater Transformer	\$85.00
	SS-XL XFMR 240V/24V 40VA	
6401-2908-HH		

Wired Control Plates

Part Number and Photo	Description and Model Number	Price
	Galvanized Control Plate - 120V 60Hz	\$405.00
	SS-XL--G-K Ctl plt complt 120V	
6401-1160-HH		

Part Number and Photo	Description and Model Number	Price
	240V Heater Transformer	\$404.00
	SS-XL-G-C Ctl plt complt	
6401-1147-HH		

Description	Model Number	Part#	Price
Stainless Steel Heater Control Plate - 120V 60Hz	SS-XL-S-K Ctl plt complt	6401-1144-HH	\$470.00
Stainless Steel Heater Control Plate - 240V 50/60Hz	SS-XL-S-C Ctl plt complt	6401-5004	\$394.00

Wiring Harnesses

Description	Model Number	Part#	Price
Small Cabinet Heater Harness - 120V 60Hz - Liquid Propane	HRNS SS 40/75XL-K Ctlr LP new	1903-2851-HH	\$278.00
Small Cabinet Heater Harness - 120V 60Hz - Liquid Propane (Built Before 11/98)	HRNS SS 40/75XL Ctlr LP	1903-2800-HH	\$262.00
Large Heater Harness - 120V 60Hz - Liquid Propane	HRNS SS 225XL-K Ctlr LP new	1903-2853-HH	\$280.00
Large Heater Harness - 120V 60Hz - Natural Gas	HRNS SS 225XL-K Ctlr NG new	1903-2854-HH	\$267.00
Large Heater Harness - 120V 60Hz - Liquid Propane (Built Before 11/98)	HRNS SS 225XL-K Ctlr LP	1903-2703-HH	\$244.00
Large Heater Harness - 120V 60Hz - Natural Gas (Built Before 11/98)	HRNS SS 225XL-K Ctlr NG	1903-2687-HH	\$233.00
Large Heater Harness - 240V 50/60Hz - LP/NG (Built Before 11/98)	HRNS SS 225XL-K Ctlr 240v 50/60Hz	1903-2688-HH	\$189.00
Large Heater Harness - 240V 50/60Hz - Liquid Propane or Natural Gas	HRNS SS 225XL-K Ctlr 240v 50/60Hz	1903-3000-HH	\$222.00

Pilot Super-Saver Heaters Blower/Motor Assemblies

Part Number and Photo	Description and Model Number	Price
 6401-4550-HH	HH-250XL Blower Wheel/Motor Assembly	\$394.00
	/HH-250XL Blwr Whl/Mtr Assy	

Description	Model Number	Part#	Price
Motor 1100 RPM, 1/3 HP, 120V, 60Hz, HH-XL250	MTR 1100 1/3hp120v60hzHH-XL250	3017-1303	\$269.00
Blower Wheel, SS-250	BLOWER_WHEEL SS-250	6401-1319	\$108.00
FAB AS PLT Motor 225XL HH	FAB AS Plt Mtr Mnt 225XL HH	0408-6673-HH	\$42.00

Ignition Assemblies

Part Number and Photo	Description and Model Number	Price
 6401-1311	Pilot Light Ignition Assembly - Liquid Propane	\$144.00
	PILOT LITE IGNITION ASSY LP	

Part Number and Photo	Description and Model Number	Price
 6401-1312-HH	Pilot Light Ignition Assembly - Natural Gas	\$192.00
	PILOT LITE IGNITION ASSY NG	

Description	Model Number	Part#	Price
FLM SNS Thermocouple 24" Pilot Light	FLM_SNS Thermocop 24" Pilot Lite	3003-5013	\$50.00
Pilot Burner Bracket PBB	PILOT BURNER BRACKET PBB	3003-6002	\$19.79
Pilot Burner Tip PBT	PILOT BURNER TIP PBT	3003-6003	\$18.77
Pilot Burner Inlet Fitting - Liquid Propane	PILOT BURNER INLET FITTING LP	3003-6004	\$24.00
Pilot Burner Inlet Fitting Natural Gas	PILOT BURNER INLET FITTING NG	3003-6005	\$19.79

Gas Valves

Part Number and Photo	Description and Model Number	Price
 6401-4585-HH	HH-250XL Gas Valve Assy. SPI LP	\$300.00
	/HH-250XL Gas vlv assy SPI LP	

Part Number and Photo	Description and Model Number	Price
 6401-4586	HH-250XL Gas Valve Assy. SPI LP HA	\$283.00
	/HH-250XL Gas vlv assy SPI LP HA	

Part Number and Photo	Description and Model Number	Price
 6401-4588	HH-250XL Gas Valve Assy. SPI NG HA	\$261.00
	/HH-250XL Gas vlv assy SPI NG HA	

Description	Model Number	Part#	Price
Pilot Light, Liquid Propane Brass Ball Valve, Drilled .173 (f/6401-4585)	PILOT LITE LP Brs ball Vlv Drilled .173	6401-5059-HH	\$32.00
Gas Valve, HW Pilot, Liquid Propane, VR4200A2821 (f/6401-4585)	GAS_VLV HW Pilot LP VR4200A2821	3004-0120-S	\$207.00
Pilot Light, Natural Gas, Brass Ball Valve, Drilled .261 (f/6401-4587)	PILOT LITE NG Brs ball Vlv Drilled .261	6401-5061-HH	\$33.00
Gas Valve, HW Pilot, Natural Gas, VR4200A2813 (f/6401-4587)	GAS_VLV HW Pilot NG VR4200A2813	3004-0121-S	\$275.00

PuraFire Heater

Replacement Parts



Motors

Part Number and Photo	Description and Model Number	Price
 20-5009	Motor, 1/8 HP, 1 PH, 60Hz, 120V	\$247.00
	Used on 80,000 BTU LP & NG	

Part#	Description	Price
20-5099D	Motor, 1/3 HP, 1 PH, 60Hz, 120V	\$490.00
20-5099XX	1/3 HP, 1 PH, 50/60Hz, 220V - Used on 225K BTU LP & NG	\$420.00

Motor and Blower Wheel Assembly

Part Number and Photo	Description and Model Number	Price
 5420-0-902	C80 Motor Assembly	\$350.00
	Used on 80,000 BTU LP & NG	

Part Number and Photo	Description and Model Number	Price
 5430-0-902	C225 Motor Assembly	\$554.00
	Used on 225,000 BTU LP & NG	

Part#	Description	Price
5420-0-913	C80M Motor Replacement Kit with Motor Plate, 1/8 HP, 1 PH, 120V, 60Hz	\$349.00

Blower Wheels

Part Number and Photo	Description and Model Number	Price
 20-5008	Small Blower Wheel - 50/60Hz	\$48.00
	Used on 80,000 BTU LP & NG	

Part#	Description	Price
20-5110	Large Blower Wheel - 60Hz Used on 225K BTU LP & NG	\$88.00
20-5011X	Large Blower Wheel	\$147.00

Gas Valves/Burners/Orifices

Part#	Description	Price
20-5070K	Main Burner Gas Valve Kit LP. Used on 225K BTU - (Replaces 20-5025)	\$264.00
20-5071K	Main Burner Gas Valve Kit NG. Used on 225K BTU - (Replaces 20-5026)	\$275.00
20-5028	Modulating Valve 3/8" x 1/4" - for 80K BTU LP	\$87.00
5424-0-905	LP Gas Valve/Orifice Assembly - 80K BTU Heater	\$317.00
5425-0-905	NG Gas Valve/Orifice Assembly - 80K BTU Heater	\$351.00
5430-0-905	LP Gas Valve/Orifice Assembly - 225K BTU Heater	\$280.00
5434-0-905	NG Gas Valve/Orifice Assembly - 225K BTU Heater	\$298.00
20-5136	Orifice, NG - #14 Hole - C80M - C80. Used on 80K BTU	\$13.84
20-5137	Orifice, LP - #38 Hole - C80M. Used on 80K BTU	\$13.84
20-5020	Orifice, LP - #18 Hole - C225. Used on 225K BTU	\$13.31
20-5019	Orifice, NG - 5/16" Hole - C225. Used on 225K BTU	\$13.31

Igniter

Part Number and Photo	Description and Model Number	Price
	Stainless Steel Gas Igniter	\$74.00
	Used on all Pura-Fire Heaters	
20-5047M		

Flame Probe

Part Number and Photo	Description and Model Number	Price
	Flame Probe	\$25.00
	Used on all Pura-Fire Heaters	
20-5045		

Hi Limit Switch

Part Number and Photo	Description and Model Number	Price
	Hi Limit Thermostat Switch - 350°	\$27.00
	Used on all Pura-Fire Heaters	
20-5046		

Transformer

Part Number and Photo	Description and Model Number	Price
	Transformer - 120/24V Class 2/C80M/C225M - 60Hz	\$46.00
	Used on all Pura-Fire Heaters	
20-5036		

Air Proving Switch

Part Number and Photo	Description and Model Number	Price
	Air Proving Switch with Bracket	\$40.00
	Used on all Pura-Fire Heaters	
5430-1-904		

Part Number and Photo	Description and Model Number	Price
	Air Proving Switch	\$30.00
	Used on all Pura-Fire Heaters	
20-6016		

Air Dividers

Part Number and Photo	Description and Model Number	Price
	Air Divider - Galvanized Y-Yoke for 80K BTU Heater	\$46.00
	Used on all C80 Pura-Fire Heaters	
20-5429		

Part Number and Photo	Description and Model Number	Price
	Air Divider - Galvanized Y-Yoke for 225K BTU Heater	\$62.00
	Used on all Pura-Fire Heaters	
20-5439		

Electrical Components

Part#	Description	Price
20-5037	7.5 MFD - 370VAC Capacitors - 225,000 BTU Heater - 120V - 60Hz	\$41.00
20-6007	5.0 MFD - 370VAC Capacitors - 80,000 BTU Heater	\$27.00
20-5001	Flamesafe Guard Relay - 80,000 & 225,000 BTU	\$206.00
20-5068B	Replacement Circuit Board for White Rogers Gas Valve	\$53.00
20-505-5	LED Lens Assembly	\$15.29
20-5430-1-HH	Wiring Harness - 80,000/225,000 BTU	\$257.00
20-5038	4 Post Terminal Block Connector (Replaces 20-5039)	\$17.06