

Carlin Gas Burner Selection Guide

Using this Manual:

This guide contains an alphabetical listing of oil fired appliances with the recommended Carlin gas conversion burner(s) for each.

Residential Applications:

Carlin EZGas Pro burners for residential applications, are available in three configurations:

- Appliance Specific Burners— Factory configured for specific appliance. Includes welded flange, pre-drilled orifice, and factory mounted diffuser plate and air band.
- Universal (Full Firing Range) Burners – Includes Adjustable Flange, Three Diffuser Plates (A, B and 9-Slot), Two Air Bands and a Field Drilled Orifice. Comes in two models: 10" tube for Boilers and a 14" tube for Water Heaters and Furnaces. To configure the burner, the installer uses the set-up guide and/or the installation manual shipped with the burner.
- Multi-Fit Burners – Includes Adjustable Flange, One Diffuser Plate, One Air Band, and a Field Drilled Orifice. Each is designed to fit a variety of appliances within a given BTU range.
Note: Carlin recommends that Wholesalers stocking the Multi-fit convert to the more versatile Universal Models.

Commercial Applications:

- **Appliance Specific Burners** - Commercial burners will come with a welded air tube flange, gas train, and pre-drilled orifice.
- **Adjustable Flange Burners** - Burners will come with an adjustable flange and the installer will need to follow the instructions in the set-up guide, and/or the installation manual.

Commercial burners listed are configured for standard gas pressure and require 5" to 14" of water column. If your incoming gas pressure is less than 5"wc running pressure you will require a low gas pressure train. Call the factory for additional information.

Note: This guide is updated frequently as test results are generated. If you do not see the appliance you are looking for please contact the factory for additional information.

Burner listing

Carlin EZGas Pro burners and 201GAS are C-UL listed, for use in the US or Canada, per ANSI Z21.17/CSA2.7 - latest edition, for use with natural gas or propane gas.

Commercial Gas Burners are C-UL listed, for use in the US or Canada, per UL795 /CGA3.4 - latest edition, for use with natural gas or propane gas.

Specify Canadian application when ordering the burner to obtain proper labeling and manuals.

Important: Carlin Gas Burners should be installed or serviced only by licensed trained professionals in accordance with Carlin's instructions and ANZI 21.8, *Installation of Gas Conversion Burners* and meet all local and national gas codes.

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|-----------------|-----------|--------------|-----------------------------|-------------------------|-----------|-----------|---------------|----------|--------------|-----------------|--------------|---------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |

AJAX Boiler Inc.

| | | | | | | | | | | | | | | | | |
|---------|-----|--------|-----|-----|-------------|-----|---|-----|-----------|-------|------------|------------|--------|--------|------|-----|
| WFG-450 | 360 | 201GAS | N/A | N/A | 9859310AFRA | N/A | A | 10" | Universal | 4 3/4 | 1/2 (.500) | T (.358) | 7/16" | 4 slot | none | 3.5 |
| | 450 | 201GAS | N/A | N/A | 9859310AFRA | N/A | A | 10" | Universal | 4 3/4 | 3/4 (.750) | 1/2 (.500) | 1 1/2" | 4 slot | none | 3.5 |

Armstrong Furnace

| | | | | | | | | | | | | | | | | |
|----------|-----|-----------|-----|-----|-------------|------------|---|-----|-----------|---|--------------|------------|-----|--------|-------|-----|
| LUF80B84 | 105 | EZGas Pro | N/A | N/A | 9859212BFR1 | 9859214FRU | B | 12" | Universal | 5 | 15/64 (.234) | #14 (.182) | 25% | 1 slot | blank | 3.5 |
| LUF95D16 | 120 | EZGas Pro | N/A | N/A | 9859212BFR1 | 9859214FRU | B | 12" | Universal | 5 | B (.238) | #9 (.196) | 12% | 1 slot | blank | 3.5 |

Axeman Anderson

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|--------------------|-----|-----------|-----|-----|-------------|------------|---|-----|-----------|---|--------------|--------------|-----|--------|-------|-------------|
| WL140 | 105 | EZGas Pro | N/A | N/A | 9859210BFR1 | 9859210FRU | B | 10" | Universal | 2 | #2 (.221) | #18 (.169) | 28% | 1 slot | blank | 3.3NG/3.5LP |
| | 119 | EZGas Pro | N/A | N/A | 9859210BFR1 | 9859210FRU | B | 10" | Universal | 2 | C (.242) | #11 (.191) | 35% | 1 slot | blank | 3.4NG/3.5LP |
| | 140 | EZGas Pro | N/A | N/A | 9859210BFR1 | 9859210FRU | B | 10" | Universal | 2 | F (.257) | #6 (.204) | 48% | 1 slot | blank | 3.5 |
| WL182 ¹ | 140 | EZGas Pro | N/A | N/A | 9859210BFR1 | 9859210FRU | B | 10" | Universal | 2 | F (.257) | #6 (.204) | 48% | 1 slot | blank | 3.5 |
| | 165 | EZGas Pro | N/A | N/A | 9859210BFR1 | 9859210FRU | B | 10" | Universal | 2 | 19/64 (.297) | #1 (.228) | 69% | 1 slot | blank | 3.5NG/3.4LP |
| | 182 | EZGas Pro | N/A | N/A | 9859210BFR1 | 9859210FRU | B | 10" | Universal | 2 | 5/16 (.312) | 15/64 (.234) | 80% | 1 slot | blank | 3.5 |

¹ Need target wall 12"H x 15"W

Biasi/ QHT

| | | | | | | | | | | | | | | | | |
|-------|-----|------------------------|------------------|------------------|-----|-----|-----|------|-------|-------|--------------|--------------|-----------|--------|--------------------|-------------|
| B10/3 | 80 | EZGas Pro ¹ | Order From Biasi | Order From Biasi | N/A | N/A | 9S | 10"S | 99848 | 1 3/4 | #15 (.180) | #25 (.149) | 20NG/30LP | 1 slot | blank | 3.1NG/3.5LP |
| B10/4 | 112 | EZGas Pro ¹ | Order From Biasi | Order From Biasi | N/A | N/A | 9S | 10" | 98865 | 3 | #1 (.228) | #15 (.180) | 40NG/48LP | 2 slot | blank | 3.6NG/3.0LP |
| B10/5 | 140 | EZGas Pro | Order From Biasi | Order From Biasi | N/A | N/A | 9S | 10" | 98865 | 3 | F (.257) | #5 (.205) | 20% | 2 slot | blank | 3.5 |
| B10/6 | 175 | EZGas Pro | Order From Biasi | Order From Biasi | N/A | N/A | 9S | 10" | 98865 | 3 | 5/16 (.312) | 1/4 (.250) | 36NG/41LP | 2 slot | blank | 3.5 |
| B10/7 | 222 | EZGas Pro | Order From Biasi | Order From Biasi | N/A | N/A | A-1 | 10"S | 51295 | 4 3/4 | 11/32 (.343) | 17/64 (.256) | 55% | 2 slot | blank | 3.5 |
| B10/8 | 260 | EZGas Pro | Order From Biasi | Order From Biasi | N/A | N/A | A-1 | 10"S | 51295 | 4 3/4 | 27/64 (.422) | O (.316) | 70% | 2 slot | blank ² | 3.5 |
| SG-3 | 120 | EZGas Pro | Order From Biasi | Order From Biasi | N/A | N/A | 9S | 10"S | TBD | 3 1/2 | D (.246) | #8 (.199) | 20% | 2 slot | blank | 3.5 |
| SG-4 | 162 | EZGas Pro | Order From Biasi | Order From Biasi | N/A | N/A | 9S | 10"S | TBD | 3 1/2 | 19/64 (.297) | C (.242) | 35% | 2 slot | blank | 3.5 |
| SG-5 | 204 | EZGas Pro | Order From Biasi | Order From Biasi | N/A | N/A | 9S | 10"S | TBD | 3 1/2 | 3/8 (.375) | 19/64 (.297) | 60% | 2 slot | blank | 3.5 |
| SG-6 | 246 | EZGas Pro | Order From Biasi | Order From Biasi | N/A | N/A | A | 10"S | TBD | 3 1/2 | 25/64 (.391) | O (.316) | 65% | 2 slot | blank | 3.5 |
| SG-7 | 272 | EZGas Pro | Order From Biasi | Order From Biasi | N/A | N/A | A | 10"S | TBD | 3 1/2 | 1/2 (.500) | 23/64 (.359) | 80% | 2 slot | blank ² | 3.5 |

SG-7: Carlin recommended firing rate

¹ B10/3 and B10/4 burners require a 28 hole blender installed

² Requires spacer behind air flow switch cover plate - P/N: 50925

B10 and SG burners include gasket under ignitor and grommet in access cover: kit # GSKTKIT1

| | | | | | | | | | | | | | | | | |
|--------|-----|--------|------------------|------------------|-----|-----|----|------|-------|-------|--------------|--------------|-----|--------|--------|-------------|
| B40/6 | 322 | 201GAS | Order From Biasi | Order From Biasi | N/A | N/A | D | 10" | 51057 | 4 1/2 | 5/8 (.625) | 15/32 (.469) | 85% | 4 slot | none | 3.5 |
| B40/7 | 406 | 301GAS | Order From Biasi | Order From Biasi | N/A | N/A | S | 14"B | 51062 | 4 1/2 | 7/16 (.438) | 23/64 (.359) | 35% | 4 slot | full | 3.5NG/3.3LP |
| B40/8 | 490 | 301GAS | Order From Biasi | Order From Biasi | N/A | N/A | S | 14"B | 51062 | 4 1/2 | 1/2 (.500) | 13/32 (.406) | 50% | 4 slot | full | 3.0NG/3.4LP |
| B40/9 | 574 | 301GAS | Order From Biasi | Order From Biasi | N/A | N/A | B | 14"B | 51062 | 4 1/2 | 35/64 (.546) | 7/16 (.438) | 45% | 4 slot | center | 3.0NG/3.2LP |
| B40/10 | 658 | 301GAS | Order From Biasi | Order From Biasi | N/A | N/A | B | 14"B | 51062 | 4 1/2 | 19/32 (.593) | 15/32 (.469) | 65% | 4 slot | center | 3.5NG/3.3LP |
| B40/11 | 742 | 301GAS | Order From Biasi | Order From Biasi | N/A | N/A | B | 14"B | 51062 | 4 1/2 | 5/8 (.625) | 31/64 (.484) | 90% | 4 slot | center | 3.4NG/3.5LP |
| B40/12 | 896 | 601GAS | Order From Biasi | Order From Biasi | N/A | N/A | 11 | 14"C | 51062 | 4 1/2 | 11/16 (.687) | 17/32 (.531) | 4 | -- | -- | 3.5 |

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|-----------------|-----------|--------------|-----------------------------|-------------------------|-----------|-----------|---------------|----------|--------------|-----------------|--------------|---------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |

Bock Water Heater

| | | | | | | | | | | | | | | | | |
|-------------|-----|-----------|-----------------|-----------------|-----|-----|---|-----|-----------|-------|--------------|--------------|------|----------|-------|-----|
| 32PG, 32PPG | 104 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | B | 10" | 9858401 | 5 3/8 | #2 (.221) | #18 (.170) | 25% | 1 Slot | blank | 3.5 |
| 33PG | 104 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | B | 10" | 9858401 | 5 3/8 | #2 (.221) | #18 (.170) | 25% | 1 Slot | blank | 3.5 |
| 40PG, 40PPG | 125 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | B | 10" | 9858401 | 5 3/8 | D (.246) | #12 (.190) | 45% | 1 Slot | blank | 3.5 |
| 50PG | 140 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | B | 10" | 9858401 | 5 3/8 | F (.257) | #5 (.206) | 55% | 1 Slot | blank | 3.5 |
| 51PG, 51PPG | 152 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | B | 10" | 9858401 | 5 3/8 | I (.272) | 7/32 (.219) | 60% | 1 Slot | blank | 3.5 |
| 120PG | 155 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | B | 10" | 9878401 | 5 3/8 | I (.272) | 7/32 (.219) | 60% | 1 Slot | blank | 3.5 |
| 71PG | 173 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | A | 10" | 9862201 | 5 3/8 | N (.302) | # 1 (.228) | 30% | 2 Slot | blank | 3.5 |
| 72PG | 194 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | A | 10" | 9862201 | 5 3/8 | O (.316) | F (.257) | 50% | 2 Slot | blank | 3.5 |
| 73PG | 242 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | A | 10" | 9862201 | 5 3/8 | 23/64 (.359) | 19/64 (.296) | 85% | 2 Slot | blank | 3.5 |
| 190PG | 190 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | A | 10" | 9858501 | 5 3/8 | P (.323) | 1/4 (.250) | 35% | 2 Slot | blank | 3.5 |
| 241PG | 277 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | A | 14" | 9920401 | 8 3/4 | 29/64 (.453) | R (.339) | 100% | 2 Slot | blank | 3.5 |
| 361PG | 399 | 201GAS | Order from Bock | Order from Bock | N/A | N/A | A | 14" | Universal | 9 1/2 | 1/2 (.500) | 13/32 (.406) | 75% | 4 Slot | none | 3.5 |
| 32BCS PG | 104 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | B | 10" | 9858401 | 5 3/8 | #2 (.221) | #18 (.170) | 10% | Air Boot | -- | 3.5 |
| 40BCS PG | 125 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | B | 10" | 9858401 | 5 3/8 | D (.246) | #12 (.190) | 15% | Air Boot | -- | 3.5 |
| 51BCS PG | 152 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | B | 10" | 9858401 | 5 3/8 | I (.272) | 7/32 (.219) | 20% | Air Boot | -- | 3.5 |
| 120BCS PG | 155 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | B | 10" | 9878401 | 5 3/8 | I (.272) | 7/32 (.219) | 20% | Air Boot | -- | 3.5 |
| 190BCS PG | 190 | EZGas Pro | Order from Bock | Order from Bock | N/A | N/A | A | 10" | 9858501 | 5 3/8 | P (.323) | 1/4 (.250) | 35% | Air Boot | -- | 3.5 |

Buderer

| | | | | | | | | | | | | | | | | |
|-----------|-----|-----------|----------|----------|-----|-----|---|-----|-------|---|--------------|------------|-----------|----------|-------|-------------|
| G115-3 | 85 | EZGas Pro | 98897FR4 | 98897FR2 | N/A | N/A | C | 12" | 50059 | 4 | #3 (.213) | #22 (.157) | 40% | 1 slot | blank | 3.5 |
| G115-3WS | 105 | EZGas Pro | 98897FR4 | 98897FR2 | N/A | N/A | C | 12" | 50059 | 4 | D (.246) | #9 (.196) | 70NG/80LP | 1 slot | blank | 3.5 |
| G115-4 | 110 | EZGas Pro | 98897FR1 | 98897FR8 | N/A | N/A | B | 12" | 98896 | 4 | 7/32 (.219) | #17 (.173) | 30% | 1 slot | blank | 3.5 |
| G115-4WS | 132 | EZGas Pro | 98897FR1 | 98897FR8 | N/A | N/A | B | 12" | 98896 | 4 | 1/4 (.250) | #8 (.199) | 40% | 1 slot | blank | 3.5 |
| G115-5 | 140 | EZGas Pro | 98897FR3 | 98897FR5 | N/A | N/A | B | 12" | 98896 | 4 | I (.272) | #5 (.206) | 50NG/45LP | 1 slot | blank | 3.5 |
| G115-5WS | 162 | EZGas Pro | 98897FR3 | 98897FR5 | N/A | N/A | B | 12" | 98896 | 4 | 19/64 (.297) | #2 (.221) | 55% | 1 slot | blank | 3.5 |
| G115-3-DV | 85 | EZGas Pro | 98897FR7 | 98897FR7 | N/A | N/A | C | 12" | 50059 | 4 | #3 (.213) | #22 (.157) | 40% | Air Boot | -- | 3.5NG/3.4LP |
| G115-4-DV | 110 | EZGas Pro | 98897FR6 | 98897FR6 | N/A | N/A | B | 12" | 98896 | 4 | 7/32 (.219) | #17 (.173) | 30% | Air Boot | -- | 3.5 |
| G115-5-DV | 140 | EZGas Pro | 98897FR6 | 98897FR6 | N/A | N/A | B | 12" | 98896 | 4 | I (.272) | #5 (.206) | 50% | Air Boot | -- | 3.5 |

For covered burners use P/N 9887FR7 for the 3 section and P/N 98897FR6 for the 4 or 5 section boilers

Burner includes gasket under ignitor and grommet in access cover: kit # GSKTKIT1

Only use welded flange burners with G115 boilers.

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|--------|-----|-----------|-----|-----|---------------|-------------|----|-----|-----------|-------|--------------|--------------|-----|--------|-------|-----|
| G215-3 | 154 | EZGas Pro | N/A | N/A | 9859210SFR1* | 9859210FRU* | 9S | 10" | Universal | 3 1/4 | I (.272) | 7/32 (.219) | 30% | 2 slot | blank | 3.5 |
| G215-4 | 196 | EZGas Pro | N/A | N/A | 9859210SFR1* | 9859210FRU* | 9S | 10" | Universal | 3 1/4 | 21/64 (.328) | 1/4 (.250) | 50% | 2 slot | blank | 3.5 |
| G215-5 | 238 | EZGas Pro | N/A | N/A | 9859210AFR1A* | 9859210FRU* | A | 10" | Universal | 3 1/4 | 11/32 (.344) | 19/64 (.297) | 60% | 2 slot | blank | 3.5 |

*** Must have gasket under ignitor and grommet in access cover: Order kit # GSKTKIT1**

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|-----------------|-----------|--------------|-----------------------------|-------------------------|-----------|-----------|---------------|----------|--------------|-----------------|--------------|---------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |

Burnham (U.S. Boiler)

| | | | | | | | | | | | | | | | | |
|-------|------|--------|---------------|----------------|-----|-----|----|-------|-------|-------|---------------|--------------|-----------|--------|------|-------------|
| V903A | 447 | 301GAS | 99598FR3 | 99598FR3P | N/A | N/A | B | 14" B | 99597 | 4 1/8 | 31/64 (.484) | 25/64 (.391) | 30NG/35LP | 4 slot | Full | 3.5NG/3.4LP |
| V904A | 606 | 301GAS | 99598FR4 | 99598FR4P | N/A | N/A | B | 14" B | 99597 | 4 1/8 | 37/64 (.578) | 7/16 (.438) | 60NG/65LP | 4 slot | Full | 3.5NG/3.6LP |
| V905A | 808 | 601GAS | 99601FR5 (-M) | 99601FR5P (-M) | N/A | N/A | 11 | 14" B | 99597 | 4 1/8 | 23/32 (.719) | 33/64 (.516) | 2 | -- | -- | 3.5NG/3.6LP |
| V906A | 1010 | 601GAS | 99601FR6 (-M) | | N/A | N/A | 12 | 14" D | 99600 | 4 1/8 | 1 1/16 (1.06) | | 4 | -- | -- | 3.5 |
| | 1010 | | | 99601FR6P (-M) | N/A | N/A | 11 | 14" C | 99599 | 4 1/8 | | 5/8 (.625) | 4 | -- | -- | 3.5 |
| V907A | 1198 | 601GAS | 99601FR7 (-M) | | N/A | N/A | 32 | 14" D | 99600 | 4 1/8 | 15/16 (.938) | | 5 | -- | -- | 3.6 |
| | 1198 | | | 99601FR7P (-M) | N/A | N/A | 31 | 14" C | 99599 | 4 1/8 | | 19/32 (.594) | 4.5 | -- | -- | 3.5 |
| V908A | 1386 | 601GAS | 99601FR8 (-M) | | N/A | N/A | 32 | 14" D | 99600 | 4 1/8 | 1 1/8 (1.125) | | 8 | -- | -- | 3.5 |
| | 1386 | | | 99601FR8P (-M) | N/A | N/A | 31 | 14" C | 99599 | 4 1/8 | | 11/16 (.688) | 6 | -- | -- | 3.2 |

3 through 5 section boilers require 8" extended front plate P/N 6022909 and burner adapter plate P/N 602292311

Cannot use V9A burners on V9 boilers. They have different mounting plates (V9A have diamond shaped bolt circle. V9 have a square bolt circle).

Campo Equipment

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|--------------|-----|--------|-----|-----|-------------|-----|---|-----|-----------|-------|--------------|--|-----|--------|----|-----|
| MLPGFH315400 | 297 | 201GAS | N/A | N/A | 9859316AFRA | N/A | A | 16" | Universal | 3 1/2 | 13/32 (.406) | | 10% | 4 slot | -- | 3.5 |
| | 342 | 201GAS | N/A | N/A | 9859316AFRA | N/A | A | 16" | Universal | 3 1/2 | 7/16 (.438) | | 5% | 4 slot | -- | 3.5 |
| | 399 | 201GAS | N/A | N/A | 9859316AFRA | N/A | A | 16" | Universal | 3 1/2 | 9/16 (.562) | | 60% | 4 slot | -- | 3.5 |

Columbia Boiler

| | | | | | | | | | | | | | | | | |
|------------|-----|-----------|-------------------|-------------------|-------------|------------|---|-----------|-------|-------|------------|--------------|-----------|----------|-------|-----|
| CBX-120 | 120 | EZGas Pro | NG - 98768FRXN | LP - 98768FRXP | 9859210BFR1 | 9859210FRU | B | 10" | 99553 | 1 3/4 | C (.242) | #9 (.196) | 40NG/49LP | 1 slot | blank | 3.5 |
| CBX-140 | 140 | EZGas Pro | NG - 98768FRXN | LP - 98768FRXP | 9859210BFR1 | 9859210FRU | B | 10" | 99553 | 1 3/4 | 1/4 (.250) | 7/32 (.218) | 45NG/60LP | 1 slot | blank | 3.5 |
| CBX-160 | 160 | EZGas Pro | NG - 98768FRXN | LP - 98768FRXP | 9859210BFR1 | 9859210FRU | B | 10" | 99553 | 1 3/4 | L (.290) | 15/64 (.234) | 85% | 1 slot | blank | 3.5 |
| CBX-120-DV | 120 | EZGas Pro | CVR-NG - 98768FR3 | CVR-LP - 98768FR4 | N/A | N/A | B | 12" / 10" | 50171 | 1 3/4 | C (.242) | #9 (.196) | 11NG/17LP | Air Boot | -- | 3.5 |
| CBX-140-DV | 140 | EZGas Pro | CVR-NG - 98768FR3 | CVR-LP - 98768FR4 | N/A | N/A | B | 12" / 10" | 50171 | 1 3/4 | 1/4 (.250) | 7/32 (.218) | 17NG/25LP | Air Boot | -- | 3.5 |
| CBX-160-DV | 160 | EZGas Pro | CVR-NG - 98768FR3 | CVR-LP - 98768FR4 | N/A | N/A | B | 12" / 10" | 50171 | 1 3/4 | L (.290) | 15/64 (.234) | 32% | Air Boot | -- | 3.5 |

| | | | | | | | | | | | | | | | | |
|------------------------|-----|-----------|-----|-----|--------------|------------|----|-----|-----------|-------|--------------|--------------|-----------|--------|--------------------|-------------|
| CSFH-3085 | 119 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 15/64 (.234) | 3/16 (.187) | 30% | 1 Slot | blank | 3.5 |
| CSFH 3100 | 140 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 17/64 (.265) | 7/32 (.219) | 45% | 1 Slot | blank | 3.5 |
| CSFH4100 | 140 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 17/64 (.265) | 7/32 (.219) | 25% | 2 slot | blank | 3.5 |
| CSFH4125 | 175 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 21/64 (.328) | 17/64 (.265) | 45% | 2 slot | blank | 3.5 |
| CSFH 4145 | 203 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 11/32 (.343) | 9/32 (.281) | 60NG/65LP | 2 slot | blank | 3.5 |
| CSFH-5160 | 224 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/2 | 21/64 (.328) | 9/32 (.281) | 60% | 2 slot | blank | 3.5 |
| CSFH 5185 ¹ | 259 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/2 | V (.377) | 21/64 (.328) | 65NG/75LP | 2 slot | blank ¹ | 3.5 |
| CSFH 6175 | 245 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/2 | 25/64 (.391) | 19/64 (.297) | 75% | 2 slot | blank | 3.4NG/3.5LP |
| CSFH 6210 ² | 295 | 201GAS | N/A | N/A | N/A | N/A | A | 10" | Universal | 2 1/2 | 25/64 (.391) | 21/64 (.328) | 40% | 2 slot | Full | 3.4NG/3.0LP |

¹ Air flow switch cover spacer required - P/N: 50925

² SFH-6210 would need an Application Specific burner

| | | | | | | | | | | | | | | | | |
|-------|-----|-----------|---------------------|---------------------|-----|-----|----|-------|-------|-------|--------------|--------------|-----|--------|-------|-----|
| CT-6 | 252 | EZGas Pro | Order from Columbia | Order from Columbia | N/A | N/A | 9S | 12" | 99630 | 4 3/4 | 3/8 (.375) | 19/64 (.297) | 80% | 2 slot | blank | 3.5 |
| CT-6 | 252 | 202GAS | Order from Columbia | Order from Columbia | N/A | N/A | B | 12" | 99322 | 4 3/4 | 23/64 (.359) | 19/64 (.297) | 50% | 2 Slot | full | 3.5 |
| CT-10 | 420 | 202GAS | Order from Columbia | Order from Columbia | N/A | N/A | A | 12" | 99321 | 4 3/4 | 43/64 (.672) | 29/64 (.453) | 80% | 4 slot | none | 3.6 |
| CT-10 | 420 | 301GAS | Order from Columbia | Order from Columbia | N/A | N/A | B | 14" B | 99328 | 4 3/4 | 29/64 (.453) | S (.348) | 15% | 4 Slot | full | 3.5 |

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|-----------------|-----------|--------------|-----------------------------|-------------------------|-----------|-----------|---------------|----------|--------------|-----------------|--------------|--------------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| CT-15 | 630 | 301GAS | Order from Columbia | Order from Columbia | N/A | N/A | B | 14" B | 99328 | 4 3/4 | 37/64 (.578) | 29/64 (.453) | 65% | 4 Slot | full | 3.5 |
| CT-20 | 840 | 301GAS | Order from Columbia | Order from Columbia | N/A | N/A | C | 14" C | 99327 | 4 3/4 | 3/4 (.750) | 35/64 (.546) | 35NG/50LP | 4 Slot | none | 3.5 |
| CT-25 | 1050 | 601GAS | Order from Columbia | Order from Columbia | N/A | N/A | 11 | 14" C | 99327 | 4 3/4 | 1 (1.00) | 19/32 (.593) | 1.5NG/ 2LP | -- | -- | 3.8NG/3.5LP |

Columbia Boiler

| | | | | | | | | | | | | | | | | |
|------------|-----|-----------|---------------------|---------------------|-------------|------------|----|------|-----------|-------|--------------|--------------|-----------|--------|-------|-----|
| EMG-31-120 | 120 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 50659 | 1 3/4 | C (.242) | 11/64 (.172) | 31% | 1 slot | blank | 3.5 |
| EMG-31-140 | 140 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 50659 | 1 3/4 | 1/4 (.250) | 13/64 (.203) | 45% | 1 slot | blank | 3.5 |
| EMG-31-160 | 160 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 50659 | 1 3/4 | L (.290) | 7/32 (.218) | 65NG/78LP | 1 slot | blank | 3.5 |
| EMG-180 | 180 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 50659 | 1 3/4 | N (.302) | C (.242) | 38NG/45LP | 2 slot | blank | 3.5 |
| EMG-200 | 200 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 50659 | 1 3/4 | 5/16 (.312) | 17/64 (.266) | 33NG/50LP | 2 slot | blank | 3.5 |
| EMG-220 | 220 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 50659 | 1 3/4 | T (.358) | 9/32 (.281) | 56NG/70LP | 2 slot | blank | 3.5 |
| GL-18 | 196 | EZGas Pro | Order from Columbia | Order from Columbia | 9859212AFR1 | 9859214FRU | A | 12" | 99630 | 4 3/4 | 5/16 (.312) | 1/4 (.250) | 35% | 2 slot | blank | 3.5 |
| GL-18 | 196 | 201GAS | Order from Columbia | Order from Columbia | 9859310CFR | N/A | C | 10" | 99904 | 3 1/2 | 11/32 (.344) | 9/32 (.281) | 50% | 2 slot | full | 3.5 |
| GL-20 | 280 | 201GAS | Order from Columbia | Order from Columbia | 9859310AFRA | N/A | A | 10" | Universal | - | W (.386) | O (.316) | 0% | 4 slot | none | 3.5 |
| GL-22 | 336 | 201GAS | Order from Columbia | Order from Columbia | 9859310AFRA | N/A | A | 10" | Universal | - | 27/64 (.422) | T (.358) | 20% | 4 slot | none | 3.5 |
| VT-3 | 150 | EZGas Pro | Order from Columbia | Order from Columbia | 9859212BFR1 | 9859214FRU | B | 12" | 99630 | 4 3/4 | 9/32 (.281) | 7/32 (.218) | 45% | 1 slot | blank | 3.5 |

Crown Boiler

| | | | | | | | | | | | | | | | | |
|-----------------|-----|-----------|-----|-----|--------------|------------|----|-----|-----------|-------|--------------|--------------|-----|--------|-------|-----|
| TWZ065 (3 sec.) | 91 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 13/64 (.203) | #21 (.159) | 25% | 1 slot | blank | 3.5 |
| TWZ075 (3 sec.) | 105 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | #4 (.209) | #17 (.173) | 30% | 1 slot | blank | 3.5 |
| TWZ100 (3 sec.) | 140 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 1/4 (.250) | 13/64 (.203) | 55% | 1 slot | blank | 3.5 |
| TWZ090 (4 sec.) | 126 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 1/4 (.250) | #8 (.199) | 25% | 2 slot | blank | 3.5 |
| TWZ125 (4 sec.) | 175 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 19/64 (.297) | 1/4 (.250) | 45% | 2 slot | blank | 3.5 |
| TWZ150 (4 sec.) | 210 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | T (.258) | 19/64 (.297) | 75% | 2 slot | blank | 3.5 |
| TWZ120 (5 sec.) | 168 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/4 | 9/32 (.281) | 7/32 (.219) | 35% | 2 slot | blank | 3.5 |
| TWZ175 (5 sec.) | 245 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/4 | 25/64 (.391) | 5/16 (.312) | 65% | 2 slot | blank | 3.5 |
| TWZ200 (5 sec.) | 275 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/4 | 15/32 (.469) | 21/64 (.328) | 85% | 2 slot | blank | 3.5 |

Dunkirk

| | | | | | | | | | | | | | | | | |
|----------|-----|-----------|-----|-----|-------------|------------|-----|-----|-----------|-------|--------------|---------------|-----|--------|-------|-------------|
| 3EW.65Z | 91 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 13/64 (.203) | 5/32 (.156) | 20% | 1 slot | blank | 3.5 |
| 3EW.75Z | 105 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 7/32 (.219) | 11/64 (.172) | 25% | 1 slot | blank | 3.5 |
| 3EW1.00Z | 140 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 17/64 (.265) | 13/64 (.203) | 45% | 1 slot | blank | 3.5 |
| 4EW.90Z | 126 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | D (.246) | #12 (.189) | 25% | 2 slot | blank | 3.5 |
| 4EW1.25Z | 175 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 5/16 (.312) | C (.242) | 45% | 2 slot | blank | 3.4NG/3.5LP |
| 4EW1.50Z | 210 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | T (.258) | 9/32 (.281) | 60% | 2 slot | blank | 3.3NG/3.2LP |
| 5EW1.20T | 168 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | L (0.290) | 15/64 (0.234) | 40% | 2 slot | blank | 3.5 |
| 5EW1.20T | 168 | EZGas Pro | N/A | N/A | N/A | N/A | A-1 | 10" | TBD | 2 1/4 | 9/32 (0.281) | 7/32 (0.218) | 35% | 2 slot | blank | 3.5 |
| 5EW1.75T | 245 | EZGas Pro | N/A | N/A | N/A | N/A | A-1 | 10" | TBD | 2 1/4 | 3/8 (0.375) | 19/64 (0.296) | 65% | 2 slot | blank | 3.5 |
| 5EW2.00T | 270 | EZGas Pro | N/A | N/A | N/A | N/A | A-1 | 10" | TBD | 2 1/4 | X (0.397) | O (0.316) | 75% | 2 slot | blank | 3.5 |

Dynatherm Boiler Manufacturing

| | | | | | | | | | | | | | | | |
|----|-----------|----------------------|----------------------|-------------|------------|---|-----|-------|---|--------------|-------------|-----------|--------|-------|-----|
| 91 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | 13/64 (.203) | 9/64 (.140) | 15NG/12LP | 1 Slot | blank | 3.5 |
|----|-----------|----------------------|----------------------|-------------|------------|---|-----|-------|---|--------------|-------------|-----------|--------|-------|-----|

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|-----------------|-----------|--------------|-----------------------------|-------------------------|-------------|------------|---------------|----------|--------------|-----------------|--------------|--------------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| FP-18 | 105 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | #3 (.213) | #21 (.159) | 23% | 1 Slot | blank | 3.5 |
| | 119 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | 15/64 (.234) | 11/64 (.171) | 33% | 1 Slot | blank | 3.5 |
| FP-24 | 119 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | 15/64 (.234) | 11/64 (.171) | 42% | 1 Slot | blank | 3.5 |
| | 140 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | 17/64 (.265) | 13/64 (.203) | 60% | 1 Slot | blank | 3.5 |
| | 175 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | 5/16 (.312) | B (.238) | 90% | 1 Slot | blank | 3.5 |

Dynatherm Boiler Manufacturing

| | | | | | | | | | | | | | | | | |
|----------|-----|-----------|----------------------|----------------------|-------------|------------|---|-----|-------|---|--------------|--------------|-----------|----------|-------|-------------|
| FP-36 | 175 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | N/A | 9859210FRU | B | 10" | 99413 | 3 | 5/16 (.312) | B (.238) | 50NG/40LP | 2 Slot | blank | 3.5 |
| | 189 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | N/A | 9859210FRU | B | 10" | 99413 | 3 | Q (.332) | F (.257) | 60NG/53LP | 2 Slot | blank | 3.5 |
| | 210 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | N/A | 9859210FRU | B | 10" | 99413 | 3 | 3/8 (.375) | J (.277) | 83NG/67LP | 2 Slot | blank | 3.5 |
| FP-48 | 259 | 201GAS | Order from Dynatherm | Order from Dynatherm | 9859310BFR | N/A | B | 10" | 99618 | 3 | 3/8 (.375) | 5/16 (.312) | 40% | 2 Slot | full | 3.3NG/3.5LP |
| | 280 | 201GAS | Order from Dynatherm | Order from Dynatherm | 9859310BFR | N/A | B | 10" | 99618 | 3 | 3/8 (.375) | O (.316) | 50% | 2 Slot | full | 3.7NG/3.2LP |
| | 300 | 201GAS | Order from Dynatherm | Order from Dynatherm | 9859310BFR | N/A | B | 10" | 99618 | 3 | 25/64 (.390) | O (.316) | 65NG/75LP | 2 Slot | full | 3.2NG/3.5LP |
| FP-18-DV | 91 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | 13/64 (.203) | 9/64 (.140) | 6% | Air Boot | -- | 3.5 |
| | 105 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | #3 (.213) | #21 (.159) | 8% | Air Boot | -- | 3.5 |
| | 119 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | 15/64 (.234) | 11/64 (.171) | 12% | Air Boot | -- | 3.5 |
| FP-24-DV | 119 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | 15/64 (.234) | 11/64 (.171) | 10% | Air Boot | -- | 3.5 |
| | 140 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | 17/64 (.265) | 13/64 (.203) | 18% | Air Boot | -- | 3.5 |
| | 175 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | 9859210BFR1 | 9859210FRU | B | 10" | 99413 | 3 | 5/16 (.312) | B (.238) | 37NG/28LP | Air Boot | -- | 3.5 |
| FP-36-DV | 175 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | N/A | 9859210FRU | B | 10" | 99413 | 3 | 5/16 (.312) | B (.238) | 37NG/32LP | Air Boot | -- | 3.5 |
| | 189 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | N/A | 9859210FRU | B | 10" | 99413 | 3 | Q (.332) | F (.257) | 43% | Air Boot | -- | 3.5 |
| | 210 | EZGas Pro | Order from Dynatherm | Order from Dynatherm | N/A | 9859210FRU | B | 10" | 99413 | 3 | 3/8 (.375) | J (.277) | 75NG/85LP | Air Boot | -- | 3.5 |

NEED COVER KIT FOR DIRECT VENT MODELS

EFM Boilers

| | | | | | | | | | | | | | | | | |
|--------------|-----|-----------|-----|-----|-------------|-----|----|------|-------|-------|-------------|--------------|-----------|--------|-------|-----|
| PK440/ PK450 | 120 | EZGas Pro | N/A | N/A | 9859214SFR3 | N/A | 9S | 12"S | 50677 | 5 1/2 | C (.242) | 11/64 (.172) | 34NG/23LP | 1 slot | blank | 3.5 |
| | 140 | EZGas Pro | N/A | N/A | 9859214SFR3 | N/A | 9S | 12"S | 50677 | 5 1/2 | 1/4 (.250) | 13/64 (.203) | 42% | 1 slot | blank | 3.5 |
| | 160 | EZGas Pro | N/A | N/A | 9859214SFR3 | N/A | 9S | 12"S | 50677 | 5 1/2 | L (.290) | 7/32 (.218) | 68NG/72LP | 1 slot | blank | 3.5 |
| SPK-600 | 180 | EZGas Pro | N/A | N/A | 9859214SFR3 | N/A | 9S | 12"S | 50677 | 5 1/2 | N (.302) | C (.242) | 30NG/40LP | 2 slot | blank | 3.5 |
| | 200 | EZGas Pro | N/A | N/A | 9859214SFR3 | N/A | 9S | 12"S | 50677 | 5 1/2 | 5/16 (.312) | 17/64 (.266) | 30NG/49LP | 2 slot | blank | 3.5 |
| | 220 | EZGas Pro | N/A | N/A | 9859214SFR3 | N/A | 9S | 12"S | 50677 | 5 1/2 | T (.358) | 9/32 (.281) | 42NG/50LP | 2 slot | blank | 3.5 |
| VT1000 | 120 | EZGas Pro | N/A | N/A | 9859214SFR3 | N/A | 9S | 12"S | 50677 | 5 1/2 | C (.242) | 11/64 (.172) | 40NG/30LP | 1 slot | blank | 3.5 |
| | 140 | EZGas Pro | N/A | N/A | 9859214SFR3 | N/A | 9S | 12"S | 50677 | 5 1/2 | 1/4 (.250) | 13/64 (.203) | 47NG/40LP | 1 slot | blank | 3.5 |
| | 160 | EZGas Pro | N/A | N/A | 9859214SFR3 | N/A | 9S | 12"S | 50677 | 5 1/2 | L (.290) | 7/32 (.218) | 65NG/70LP | 1 slot | blank | 3.5 |

Energy Kinetics

| Ascent Boiler | | | | | | | | | | | | | | | | |
|---------------|-----|-----------|---------------|---------------|-----|-----|---|----|-------|-------|-----------|-------------|-----|--------|-------|-----|
| EK-1T | 100 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | B | 7" | 50710 | 2 3/8 | #1 (.228) | #16 (.177) | 35% | 1 slot | blank | 3.5 |
| | 120 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | B | 7" | 50710 | 2 3/8 | C (.242) | #12 (.189) | 45% | 1 slot | blank | 3.5 |
| EK-1T | 150 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | B | 7" | 50710 | 2 3/8 | J (.277) | 7/32 (.219) | 60% | 1 slot | blank | 3.5 |
| | 175 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | A | 7" | 50710 | 2 3/8 | N (.302) | C (.242) | 40% | 2 slot | blank | 3.5 |

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|-----------------|-----------|--------------|-----------------------------|-------------------------|-----------|-----------|---------------|----------|--------------------|-----------------|--------------|-------------|-------------------------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| EK-1 Frontier | 80 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | B | 7" | 50710 ³ | 2 3/8 | #8 (.199) | #25 (.149) | ¹ 25% ² | 1 Slot | blank | 3.5 |
| | 100 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | B | 7" | 50710 ³ | 2 3/8 | #1 (.228) | #16 (.177) | ¹ 40% ² | 1 Slot | blank | 3.5 |
| | 120 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | B | 7" | 50710 ³ | 2 3/8 | C (.242) | #12 (.189) | ¹ 50% ² | 1 Slot | blank | 3.5 |
| | 150 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | B | 7" | 50710 ³ | 2 3/8 | J (.277) | 7/32 (.219) | ¹ 70% ² | 1 Slot | blank | 3.5 |

¹ When firing Natural Gas set O₂ readings between 4.5%-5.5%

² When firing Propane gas set O₂ reading between 4.5%-6.0%

³ Older versions used a 10" air tube with dual flanges. Use part number 9921501 for EK-1 and part number 9921401 for EK-2.

Energy Kinetics

| | | | | | | | | | | | | | | | | |
|---------------|-----|-----------|---------------|---------------|-----|-----|---|-----|--------------------|-------|--------------|--------------|-------------------------------|--------|-------|-----|
| EK-2 Frontier | 175 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | A | 7" | 50795 ³ | 2 3/8 | N (.302) | C (.242) | ¹ 45% ² | 2 Slot | blank | 3.5 |
| | 200 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | A | 7" | 50795 ³ | 2 3/8 | 21/64 (.328) | 17/64 (.266) | ¹ 55% ² | 2 Slot | blank | 3.5 |
| | 225 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | A | 7" | 50795 ³ | 2 3/8 | T (.358) | 9/32 (.281) | ¹ 70% ² | 2 Slot | blank | 3.5 |
| | 250 | EZGas Pro | Order from EK | Order from EK | N/A | N/A | A | 7" | 50795 ³ | 2 3/8 | X (.397) | 5/16 (.312) | ¹ 85% ² | 2 Slot | blank | 3.5 |
| EK-3 Frontier | 300 | 201GAS | Order from EK | Order from EK | N/A | N/A | A | 10" | 99484 | 2 3/8 | 27/64 (.422) | 23/64 (.359) | 10NG/16LP | 4 Slot | none | 3.5 |
| | 350 | 201GAS | Order from EK | Order from EK | N/A | N/A | A | 10" | 99484 | 2 3/8 | 1/2 (.500) | 13/32 (.406) | 35NG/50LP | 4 Slot | none | 3.5 |
| | 399 | 201GAS | Order from EK | Order from EK | N/A | N/A | A | 10" | 99484 | 2 3/8 | 23/32 (.712) | 29/64 (.451) | 65NG/85LP | 4 Slot | none | 3.5 |

¹ When firing Natural Gas set O₂ readings between 4.5%-5.5%

² When firing Propane gas set O₂ reading between 4.5%-6.0%

³ Older versions used a 10" air tube with dual flanges. Use part number 9921501 for EK-1 and part number 9921401 for EK-2.

Equipment Source

| | | | | | | | | | | | | | | | | |
|--------|-----|--------|---------|---------|-----|-----|---|-------|-------|-------|--------------|--------------|-----------|--------|------|-----|
| ES 700 | 650 | 301GAS | 99370FR | 99370FR | N/A | N/A | B | 14" C | 99373 | 4 3/4 | 19/32 (.594) | 15/32 (.469) | 45NG/47LP | 4 Slot | full | 3.1 |
| | 700 | 301GAS | 99370FR | 99370FR | N/A | N/A | B | 14" C | 99373 | 4 3/4 | 19/32 (.594) | 15/32 (.469) | 47NG/57LP | 4 Slot | full | 3.5 |

Fleetline Products Ltd.

| Aqua-Matic Series Boiler | | | | | | | | | | | | | | | | |
|--------------------------|-----|-----------|----------|----------|-------------|------------|---|-----|-------|-------|--------------|--------------|-----|----------|-------|-----|
| 80 | 80 | EZGas Pro | 98711FR1 | 98711FR1 | 9859210BFR1 | 9859210FRU | B | 10" | 98710 | 2 7/8 | #10 (.194) | #24 (.152) | 8% | 1 Slot | blank | 3.5 |
| 100 | 100 | EZGas Pro | 98711FR1 | 98711FR1 | 9859210BFR1 | 9859210FRU | B | 10" | 98710 | 2 7/8 | 15/64 (.234) | #18 (.169) | 20% | 1 Slot | blank | 3.0 |
| 120 | 120 | EZGas Pro | 98711FR1 | 98711FR1 | 9859210BFR1 | 9859210FRU | B | 10" | 98710 | 2 7/8 | C (.242) | #11 (.191) | 30% | 1 Slot | blank | 3.5 |
| 150 | 150 | EZGas Pro | 98711FR1 | 98711FR1 | 9859210BFR1 | 9859210FRU | B | 10" | 98710 | 2 7/8 | I (.272) | 15/64 (.234) | 40% | 1 Slot | blank | 3.5 |
| 180 | 180 | EZGas Pro | 98711FR1 | 98711FR1 | 9859210BFR1 | 9859210FRU | B | 10" | 98710 | 2 7/8 | O (.316) | 1/4 (.250) | 70% | 1 Slot | blank | 3.5 |
| 120 ¹ | 120 | EZGas Pro | 98711FR1 | 98711FR1 | 9859210BFR1 | 9859210FRU | B | 10" | 98710 | 2 7/8 | C (.242) | #11 (.191) | 15% | Air Boot | -- | 3.5 |
| 150 ² | 150 | EZGas Pro | 98711FR1 | 98711FR1 | 9859210BFR1 | 9859210FRU | B | 10" | 98710 | 2 7/8 | I (.272) | 15/64 (.234) | 20% | Air Boot | -- | 3.5 |
| 180 ² | 180 | EZGas Pro | 98711FR1 | 98711FR1 | 9859210BFR1 | 9859210FRU | B | 10" | 98710 | 2 7/8 | O (.316) | 1/4 (.250) | 35% | Air Boot | -- | 3.5 |

NEED COVER KIT FOR DIRECT VENT MODELS

FW Webb PurePro

| Advantage | | | | | | | | | | | | | | | | |
|-----------|-----|-----------|--------------------|--------------------|-------------|------------|----|-----|-----|-------|--------------|--------------|-----|--------|-------|-----|
| AO-3 | 91 | EZGas Pro | Order from FW Webb | Order from FW Webb | 9859210SFR1 | 9859210FRU | 95 | 10" | TBD | 2 1/4 | 13/64 (.203) | #21 (.159) | 25% | 1 slot | blank | 3.5 |
| | 105 | EZGas Pro | Order from FW Webb | Order from FW Webb | 9859210SFR1 | 9859210FRU | 95 | 10" | TBD | 2 1/4 | #4 (.209) | #17 (.173) | 30% | 1 slot | blank | 3.5 |
| | 140 | EZGas Pro | Order from FW Webb | Order from FW Webb | 9859210SFR1 | 9859210FRU | 95 | 10" | TBD | 2 1/4 | 1/4 (.250) | 13/64 (.203) | 55% | 1 slot | blank | 3.5 |

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|---|-----------|--------------|-----------------------------|-------------------------|--------------|------------|---------------|-----------|--------------|-----------------|--------------|--------------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| AO-4 | 175 | EZGas Pro | Order from FW Webb | Order from FW Webb | 9859210SFR1 | 9859210FRU | 9S | 10" | TBD | 2 1/4 | 19/64 (.297) | 1/4 (.250) | 45% | 2 slot | blank | 3.5 |
| | 210 | EZGas Pro | Order from FW Webb | Order from FW Webb | 9859210SFR1 | 9859210FRU | 9S | 10" | TBD | 2 1/4 | T (.258) | 19/64 (.297) | 75% | 2 slot | blank | 3.5 |
| AO-5 | 245 | EZGas Pro | Order from FW Webb | Order from FW Webb | 9859210AFR1A | 9859210FRU | A | 10" | TBD | 2 1/4 | 25/64 (.391) | 5/16 (.312) | 65% | 2 slot | blank | 3.5 |
| | 275 | EZGas Pro | Order from FW Webb | Order from FW Webb | 9859210AFR1A | 9859210FRU | A | 10" | TBD | 2 1/4 | 15/32 (.469) | 21/64 (.328) | 85% | 2 slot | blank | 3.5 |
| Trio | | | | | | | | | | | | | | | | |
| P3 | 85 | EZGas Pro | Order from FW Webb | Order from FW Webb | N/A | N/A | 9S | 12"/ 10" | 50363B | 1 3/4 | #12 (.189) | #23 (.154) | 10% | 1 slot | blank | 3.5 |
| | 105 | EZGas Pro | Order from FW Webb | Order from FW Webb | N/A | N/A | 9S | 12"/ 10" | 50363B | 1 3/4 | #1 (.228) | #15 (.180) | 20% | 1 slot | blank | 3.5 |
| P4 | 116 | EZGas Pro | Order from FW Webb | Order from FW Webb | N/A | N/A | 9S | 12"/ 10"S | 50361B | 1 3/4 | 15/64 (.234) | #13 (.185) | 18% | 2 slot | blank | 3.5 |
| | 140 | EZGas Pro | Order from FW Webb | Order from FW Webb | N/A | N/A | 9S | 12"/ 10"S | 50361B | 1 3/4 | G (.261) | #6 (.204) | 25% | 2 slot | blank | 3.5 |
| Burner includes gasket under ignitor and grommet in access cover: kit # GSKTKIT1 | | | | | | | | | | | | | | | | |

FW Webb PurePro

| | | | | | | | | | | | | | | | | |
|---|------------------------|-----------|--------------------|--------------------|-----|-----|----|-----------|--------|-------|--------------|--------------|-----|--------|--------|-------------|
| Trio | | | | | | | | | | | | | | | | |
| P5 | 145 | EZGas Pro | Order from FW Webb | Order from FW Webb | N/A | N/A | 9S | 12"/ 10"S | 50361B | 1 3/4 | 17/64 (.266) | #4 (.209) | 27% | 2 slot | blank | 3.5 |
| | 175 | EZGas Pro | Order from FW Webb | Order from FW Webb | N/A | N/A | 9S | 12"/ 10"S | 50361B | 1 3/4 | 5/16 (.312) | C (.242) | 40% | 2 slot | blank | 3.5 |
| P6 | Not recommended | | | | | | | | | | | | | | | |
| P7 | Not recommended | | | | | | | | | | | | | | | |
| Burner includes gasket under ignitor and grommet in access cover: kit # GSKTKIT1 | | | | | | | | | | | | | | | | |
| PC6230 | 322 | 201GAS | Order from FW Webb | Order from FW Webb | N/A | N/A | D | 10" | 51057 | 4 1/2 | 5/8 (.625) | 15/32 (.469) | 85% | 4 slot | none | 3.5 |
| PC7290 | 406 | 301GAS | Order from FW Webb | Order from FW Webb | N/A | N/A | S | 14"B | 51062 | 4 1/2 | 7/16 (.438) | 23/64 (.359) | 35% | 4 slot | full | 3.5NG/3.3LP |
| PC8350 | 490 | 301GAS | Order from FW Webb | Order from FW Webb | N/A | N/A | S | 14"B | 51062 | 4 1/2 | 1/2 (.500) | 13/32 (.406) | 50% | 4 slot | full | 3.0NG/3.4LP |
| PC9410 | 574 | 301GAS | Order from FW Webb | Order from FW Webb | N/A | N/A | B | 14"B | 51062 | 4 1/2 | 35/64 (.546) | 7/16 (.438) | 45% | 4 slot | center | 3.0NG/3.2LP |
| PC10470 | 658 | 301GAS | Order from FW Webb | Order from FW Webb | N/A | N/A | B | 14"B | 51062 | 4 1/2 | 19/32 (.593) | 15/32 (.469) | 65% | 4 slot | center | 3.5NG/3.3LP |
| PC11530 | 742 | 301GAS | Order from FW Webb | Order from FW Webb | N/A | N/A | B | 14"B | 51062 | 4 1/2 | 5/8 (.625) | 31/64 (.484) | 90% | 4 slot | center | 3.4NG/3.5LP |
| PC12590 | 826 | 301GAS | Order from FW Webb | Order from FW Webb | N/A | N/A | B | 14"C | 51063 | 4 1/2 | 11/16 (.687) | 17/32 (.531) | 60% | 4 slot | none | 3.5 |

Giant Factories Inc.

| | | | | | | | | | | | | | | | | |
|------|-----|-----------|---------|---------|-------------|------------|---|-----|-------|-------|--------------|-------------|-----|--------|-------|-----|
| OG32 | 84 | EZGas Pro | 99952FR | 99952FR | 9859210BFR1 | 9859210FRU | B | 10" | 99951 | 2 7/8 | #9 (.196) | 9/64 (.140) | 20% | 1 Slot | blank | 3.5 |
| | 91 | EZGas Pro | 99952FR | 99952FR | 9859210BFR1 | 9859210FRU | B | 10" | 99951 | 2 7/8 | #4 (.209) | #25 (.149) | 25% | 1 Slot | blank | 3.5 |
| | 105 | EZGas Pro | 99952FR | 99952FR | 9859210BFR1 | 9859210FRU | B | 10" | 99951 | 2 7/8 | #1 (.228) | #15 (.180) | 35% | 1 Slot | blank | 3.5 |
| OG50 | 98 | EZGas Pro | 99952FR | 99952FR | 9859210BFR1 | 9859210FRU | B | 10" | 99951 | 2 7/8 | 7/32 (.219) | #18 (.170) | 30% | 1 Slot | blank | 3.5 |
| | 105 | EZGas Pro | 99952FR | 99952FR | 9859210BFR1 | 9859210FRU | B | 10" | 99951 | 2 7/8 | 15/64 (.234) | #14 (.182) | 40% | 1 Slot | blank | 3.5 |
| | 119 | EZGas Pro | 99952FR | 99952FR | 9859210BFR1 | 9859210FRU | B | 10" | 99951 | 2 7/8 | D (.246) | #10 (.193) | 45% | 1 Slot | blank | 3.5 |

Ground Heaters

| | | | | | | | | | | | | | | | | |
|------------|--|--------|---------|---------|------------|------------|---|-------|-------|-------|------------|--------------|-----|--------|------|-----|
| Artic Bear | | 301GAS | 99512FR | 99512FR | 9931214MFR | 9931214MFR | C | 14" C | 99511 | 4 1/2 | 5/8 (.625) | 15/32 (.469) | 80% | 4 slot | full | 4.2 |
|------------|--|--------|---------|---------|------------|------------|---|-------|-------|-------|------------|--------------|-----|--------|------|-----|

Hallmark Furnace

| | | | | | | | | | | | | | | | | |
|--------------------------------------|-----|-----------|----------|----------|-------------|------------|---|-----|-----------|-------|-----------|------------|-----|--------|-------|-----|
| HBD-85 | 105 | EZGas Pro | 99143FR2 | 99143FR2 | 9859214BFR1 | 9859214FRU | B | 14" | Universal | 5 3/4 | #2 (.221) | #16 (.177) | 20% | 1 slot | blank | 3.5 |
| For covered burner use P/N 99143FR3. | | | | | | | | | | | | | | | | |

John Wood Water Heater

| | | | | | | | | | | | | | | | | |
|--------------|----|-----------|-----|-----|-------------|------------|---|-----|-----------|-------|--------------|-------------|-----|--------|-------|-----|
| 1W6F-307-400 | 91 | EZGas Pro | N/A | N/A | 9859212BFR1 | 9859214FRU | B | 12" | Universal | 4 3/4 | 13/64 (.203) | 5/32 (.156) | 22% | 1 Slot | blank | 3.5 |
|--------------|----|-----------|-----|-----|-------------|------------|---|-----|-----------|-------|--------------|-------------|-----|--------|-------|-----|

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|-----------------|-----------|--------------|-----------------------------|-------------------------|-------------|------------|---------------|----------|--------------|-----------------|--------------|--------------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| JWF507-400 | 105 | EZGas Pro | N/A | N/A | 9859212BFR1 | 9859214FRU | B | 12" | Universal | 4 3/4 | 7/32 (.219) | 11/64 (.172) | 35% | 1 Slot | blank | 3.5 |
| JW6F-507-400 | 105 | EZGas Pro | N/A | N/A | 9859214BFR1 | 9859214FRU | B | 14" | Universal | 5 3/4 | 7/32 (.219) | 11/64 (.172) | 30% | 1 Slot | blank | 3.5 |
| JW317/ 327 | 105 | EZGas Pro | 99315FR3 | 99315FR3A | 9859214BFR1 | 9859214FRU | B | 14" | 9931601 | 7 | 7/32 (.219) | 11/64 (.172) | 22% | 1 Slot | blank | 3.5 |
| JW517/ 527 | 119 | EZGas Pro | 99315FR5 | 99315FR5A | 9859214BFR1 | 9859214FRU | B | 14" | 9931601 | 7 | D (.246) | #7 (.201) | 23% | 1 Slot | blank | 3.5 |
| JW717/ 727 | 140 | EZGas Pro | 99315FR7 | 99315FR7A | 9859214BFR1 | 9859214FRU | B | 14" | 9931601 | 7 | 17/64 (.266) | #3 (.213) | 31% | 1 Slot | blank | 3.5 |
| JWF307 | 91 | EZGas Pro | 99315FR30 | 99315FR30A | 9859212BFR1 | 9859214FRU | B | 12" | 9966201 | 4 3/4 | 13/64 (.203) | #19 (.166) | 12% | 1 Slot | blank | 3.5 |
| | 105 | EZGas Pro | 99315FR30B | 99315FR30C | 9859212BFR1 | 9859214FRU | B | 12" | 9966201 | 4 3/4 | 7/32 (.219) | 11/64 (.172) | 22% | 1 Slot | blank | 3.5 |
| JWF507 | 105 | EZGas Pro | 99315FR50 | 99315FR50A | 9859214BFR1 | 9859214FRU | B | 12" | 9966301 | 5 3/4 | 7/32 (.219) | 11/64 (.172) | 24% | 1 Slot | blank | 3.5 |
| JWF657 | 140 | EZGas Pro | 99315FR6 | 99315FR6A | 9859214BFR1 | 9859214FRU | B | 14" | 9931701 | 7 3/4 | 1/4 (.250) | #3 (.213) | 25% | 1 Slot | blank | 3.5 |
| | 175 | EZGas Pro | 99315FR6B | 99315FR6C | 9859214BFR1 | 9859214FRU | B | 14" | 9931701 | 7 3/4 | P (.323) | G (.261) | 80% | 1 Slot | blank | 3.5 |

Lanair/ Clean Burn

| | | | | | | | | | | | | | | | | | |
|--------|-----|-----------|-------------------------------|--|--|-----|-----|---|-----|-----------|-----|--------------|--------------|-----|--------|-------|-----|
| CB1750 | 175 | EZGas Pro | Order from Lanair/ Clean Burn | | | N/A | N/A | A | 10" | Universal | Adj | 5/16 (.312) | 1/4 (.250) | 35% | 2 slot | blank | 3.5 |
| CB2500 | 250 | EZGas Pro | Order from Lanair/ Clean Burn | | | N/A | N/A | A | 10" | Universal | Adj | 3/8 (.375) | L (.290) | 75% | 2 slot | blank | 3.5 |
| CB3250 | 325 | 201GAS | Order from Lanair/ Clean Burn | | | N/A | N/A | A | 10" | Universal | Adj | 7/16 (.437) | Q (.332) | 25% | 4 slot | none | 3.5 |
| CB3500 | 350 | 201GAS | Order from Lanair/ Clean Burn | | | N/A | N/A | A | 10" | Universal | Adj | 15/32 (.469) | 11/32 (.344) | 35% | 4 slot | none | 3.5 |

Metromatic

| | | | | | | | | | | | | | | | | |
|---------|-----|-----------|-----|-----|-------------|------------|---|-----|-----------|---|------------|--------------|-----|--------|-------|-----|
| HBSU84 | 105 | EZGas Pro | N/A | N/A | 9859214BFR1 | 9859214FRU | B | 14" | Universal | 6 | #1 (.228) | 11/64 (.172) | 20% | 1 slot | blank | 3.5 |
| HBSU100 | 119 | EZGas Pro | N/A | N/A | 9859214BFR1 | 9859214FRU | B | 14" | Universal | 6 | C (.242) | #11 (.191) | 30% | 1 slot | blank | 3.5 |
| HBSU120 | 140 | EZGas Pro | N/A | N/A | 9859214BFR1 | 9859214FRU | B | 14" | Universal | 6 | 1/4 (.250) | 13/64 (.203) | 40% | 1 slot | blank | 3.5 |

New Yorker Boiler Co.

| | | | | | | | | | | | | | | | | |
|---------------------------------------|-----|-----------|-----|-----|--------------|------------|----|-----|-----------|-------|--------------|--------------|-----|--------|-------|-------------|
| CL3-091 | 91 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 13/64 (.203) | #21 (.159) | 25% | 1 slot | blank | 3.5 |
| CL3-105 | 105 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | #4 (.209) | #17 (.173) | 30% | 1 slot | blank | 3.5 |
| CL3-140 | 140 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 1/4 (.250) | 13/64 (.203) | 55% | 1 slot | blank | 3.5 |
| CL4-126 | 126 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 1/4 (.250) | #8 (.199) | 25% | 2 slot | blank | 3.5 |
| CL4-175 | 175 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | 19/64 (.297) | 1/4 (.250) | 45% | 2 slot | blank | 3.5 |
| CL4-210 | 210 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/4 | T (.258) | 19/64 (.297) | 75% | 2 slot | blank | 3.5 |
| CL5-168 | 168 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/4 | 9/32 (.281) | 7/32 (.219) | 35% | 2 slot | blank | 3.5 |
| CL5-245 | 245 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/4 | 25/64 (.391) | 5/16 (.312) | 65% | 2 slot | blank | 3.5 |
| CL5-275 | 275 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/4 | 15/32 (.469) | 21/64 (.328) | 85% | 2 slot | blank | 3.5 |
| FR-98-W | 120 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 1/2 | C (.221) | #7 (.201) | 35% | 1 slot | blank | 3.5 |
| FR-122-W | 150 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 1/2 | I (.272) | A (.234) | 50% | 1 slot | blank | 3.5 |
| FR-98-W-DV | 120 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 1/2 | C (.221) | #7 (.201) | 35% | 1 slot | blank | 3.5 |
| FR-122-W-DV | 150 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 1/2 | I (.272) | A (.234) | 50% | 1 slot | blank | 3.5 |
| NEED COVER KIT FOR DIRECT VENT MODELS | | | | | | | | | | | | | | | | |
| HGS1 | 110 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 1/2 | A (.234) | #13 (.185) | 30% | 1 slot | blank | 3.5NG/3.2LP |
| | 140 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 1/2 | F (.257) | A (.234) | 45% | 1 slot | blank | 3.5NG/3.2LP |
| HGS1-DV | 110 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 1/2 | A (.234) | #13 (.185) | 30% | 1 slot | blank | 3.5NG/3.2LP |

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|---------------------------------------|-----------|--------------|-----------------------------|-------------------------|-------------|------------|---------------|----------|--------------|-----------------|--------------|----------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| | 140 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 1/2 | F (.257) | A (.234) | 45% | 1 slot | blank | 3.5NG/3.2LP |
| NEED COVER KIT FOR DIRECT VENT MODELS | | | | | | | | | | | | | | | | |

Olsen Furnace

| | | | | | | | | | | | | | | | | |
|----------|-----|-----------|-----|-----|-------------|------------|---|-----|-----------|-------|--------------|--------------|-----|--------|-------|-----|
| BCL 130S | 154 | EZGas Pro | N/A | N/A | 9859214BFR1 | 9859214FRU | B | 14" | Universal | 6 1/2 | I (.272) | #1 (.228) | 50% | 1 slot | blank | 3.5 |
| BCL145S | 168 | EZGas Pro | N/A | N/A | 9859214BFR1 | 9859214FRU | B | 14" | Universal | 6 1/2 | L (.290) | 15/64 (.234) | 60% | 1 slot | blank | 3.5 |
| MPL 90 | 91 | EZGas Pro | N/A | N/A | 9859214BFR1 | 9859214FRU | B | 14" | Universal | 6 1/2 | #2 (.221) | #16 (.177) | 20% | 1 slot | blank | 3.5 |
| MPL 100 | 101 | EZGas Pro | N/A | N/A | 9859214BFR1 | 9859214FRU | B | 14" | Universal | 6 1/2 | A (.234) | #12 (.189) | 30% | 1 slot | blank | 3.5 |
| MPL 120 | 117 | EZGas Pro | N/A | N/A | 9859214BFR1 | 9859214FRU | B | 14" | Universal | 6 1/2 | E (.250) | #8 (.199) | 35% | 1 slot | blank | 3.5 |
| MPL 130 | 128 | EZGas Pro | N/A | N/A | 9859214BFR1 | 9859214FRU | B | 14" | Universal | 6 1/2 | 17/64 (.267) | #4 (.209) | 45% | 1 slot | blank | 3.5 |

Peerless (PB Heat)

| | | | | | | | | | | | | | | | | |
|---------------|---------|-----------|----------|----------|--------------|------------|----|-----|-----------|-------|--------------|--------------|-----|--------|-------|-----|
| EC/ECT-03-075 | 105 | EZGas Pro | 99034FR2 | 99034FR2 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99033 | 2 1/2 | 7/32(.2187) | 11/64(.1718) | 30% | 1 slot | blank | 3.5 |
| EC/ECT-03-100 | 140 | EZGas Pro | 99034FR2 | 99034FR2 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99033 | 2 1/2 | 1/4(.250) | 13/64(.2031) | 42% | 1 slot | blank | 3.5 |
| EC/ECT-03-120 | 168/150 | EZGas Pro | 99034FR2 | 99034FR2 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99033 | 2 1/2 | 17/64(.2656) | 7/32(.2187) | 65% | 1 slot | blank | 3.5 |
| EC/ECT-04-125 | 175 | EZGas Pro | 99034FR2 | 99034FR2 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99033 | 2 1/2 | 9/32(.2812) | 15/64 (.234) | 40% | 2 slot | blank | 3.5 |
| EC/ECT-04-150 | 210 | EZGas Pro | 99034FR2 | 99034FR2 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99033 | 2 1/2 | 21/64(.3281) | 17/64(.2656) | 60% | 2 slot | blank | 3.5 |
| EC/ECT-04-175 | 245 | EZGas Pro | 99034FR1 | 99034FR1 | 9859210AFR1A | 9859210FRU | A | 10" | 99033 | 2 1/2 | 11/32 (.344) | 9/32(.2812) | 45% | 2 slot | blank | 3.5 |
| EC/ECT-05-175 | 245 | EZGas Pro | 99034FR1 | 99034FR1 | 9859210AFR1A | 9859210FRU | A | 10" | 99033 | 2 1/2 | 11/32 (.344) | 9/32(.2812) | 45% | 2 slot | blank | 3.5 |
| EC/ECT-05-200 | 280/275 | EZGas Pro | 99034FR1 | 99034FR1 | 9859210AFR1A | 9859210FRU | A | 10" | 99033 | 2 1/2 | 7/16(.4375) | 11/32(.3437) | 75% | 2 slot | blank | 3.5 |
| EC/ECT-05-250 | 350 | 201GAS | N/A | N/A | 9859310AFRA | N/A | A | 10" | Universal | 2 1/2 | 15/32(.4687) | 23/64 (.359) | 35% | 4 slot | none | 3.5 |
| EC/ECT-06-275 | 385 | 201GAS | N/A | N/A | 9859310AFRA | N/A | A | 10" | Universal | 2 1/2 | 1/2 (.500) | 3/8 (.375) | 40% | 4 Slot | none | 3.5 |
| EC/ECT-06-300 | 420/399 | 201GAS | N/A | N/A | 9859310AFRA | N/A | A | 10" | Universal | 2 1/2 | 9/16(.5625) | 7/16(.4375) | 60% | 4 Slot | none | 3.5 |

| | | | | | | | | | | | | | | | | |
|------------|-----|--------|-----------------|------------------|-----|-----|---|-------|--------|-------|--------------|--------------|-----------|--------|--------|-------------|
| SC/ SCT-05 | 433 | 301GAS | 99582FR5 (-M) | 99582FR5P (-M) | N/A | N/A | S | 14" B | 99749B | 2 1/2 | 29/64 (.453) | 3/8 (.375) | 30NG/35LP | 4 Slot | full | 3.5NG/3.6LP |
| SC/ SCT-06 | 505 | 301GAS | 99582FR56 (-M) | 99582FR56P (-M) | N/A | N/A | S | 14" B | 99749A | 2 1/2 | 1/2 (.500) | 13/32 (.406) | 50NG/65LP | 4 Slot | full | 3.5NG/3.4LP |
| SC/ SCT-07 | 577 | 301GAS | 99582FR57 (-M) | 99582FR57P (-M) | N/A | N/A | B | 14" B | 99749 | 2 1/2 | 35/64 (.547) | 7/16 (.438) | 40NG/50LP | 4 Slot | full | 3.3NG/3.5LP |
| SC/ SCT-08 | 649 | 301GAS | 99582FR58 (-M) | 99582FR58P (-M) | N/A | N/A | B | 14" B | 99749 | 2 1/2 | 19/32 (.594) | 29/64 (.453) | 60NG/65LP | 4 Slot | full | 3.4NG/3.5LP |
| SC/ SCT-09 | 722 | 301GAS | 99582FR59 (-M) | 99582FR59P (-M) | N/A | N/A | C | 14" C | 99733 | 2 1/2 | 19/32 (.594) | 15/32 (.469) | 40NG/50LP | 4 Slot | center | 3.5 |
| SC/ SCT-10 | 794 | 301GAS | 99582FR510 (-M) | 99582FR510P (-M) | N/A | N/A | C | 14" C | 99733 | 2 1/2 | 21/32 (.656) | 1/2 (.500) | 55NG/65LP | 4 Slot | center | 3.4NG/3.5LP |

For SC series use front plate # 90604 (order from Peerless)

| | | | | | | | | | | | | | | | | |
|--------|------|--------|----------------|-----------------|-----|-----|----|-------|-------|-------|--------------|--------------|---------------|--------|--------|-------------|
| LC-04 | 686 | 301GAS | 99582FR4 | 99582FR4P | N/A | N/A | B | 14" B | 99581 | 2 1/8 | 19/32 (.594) | 29/64 (.453) | 80% | 4 slot | center | 3.5 |
| LC-05R | 808 | 301GAS | 99582FR5R | 99582FR5RP | N/A | N/A | C | 14" C | 99539 | 2 1/8 | 21/32 (.656) | 1/2 (.500) | 75% | 4 slot | center | 3.5 |
| | 808 | 601GAS | 99583FR5R (-M) | 99583FR5RP (-M) | N/A | N/A | 11 | 14" C | 99539 | 2 1/8 | 21/32 (.656) | 1/2 (.500) | 3.5NG/ 3LP | -- | -- | 3.4NG/3.5LP |
| LC-05 | 881 | 301GAS | 99582FR5 | 99582FR5P | N/A | N/A | C | 14" C | 99539 | 2 1/8 | 23/32 (.719) | 35/64 (.547) | 60NG/65LP | 4 Slot | none | 3.6NG/3.2LP |
| | 881 | 601GAS | 99583FR5 (-M) | 99583FR5P (-M) | N/A | N/A | 11 | 14" C | 99539 | 2 1/8 | 23/32 (.719) | 35/64 (.547) | 4.5NG/ 4.75LP | -- | -- | 3.6NG/3.1LP |
| LC-06 | 1077 | 601GAS | 99583FR6 (-M) | | N/A | N/A | 22 | 14" D | 99540 | 2 1/8 | 1 1/4 | | 6.5 | -- | -- | 3.5 |
| | 1077 | 601GAS | | 99583FR6P (-M) | N/A | N/A | 21 | 14" C | 99539 | 2 1/8 | | 19/32 (.594) | 6.5 | -- | -- | 3.5 |
| LC-07 | 1273 | 601GAS | 99583FR7 (-M) | | N/A | N/A | 32 | 14" D | 99540 | 2 1/8 | 1 1/4 | | 7.25 | -- | -- | 3 |

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|---|-----------|--------------|-----------------------------|-------------------------|-------------|------------|---------------|----------|--------------|-----------------|--------------|--------------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| | 1273 | | | 99583FR7P (-M) | N/A | N/A | 31 | 14" C | 99539 | 2 1/8 | | 21/32 (6.56) | 7.25 | -- | -- | 3.5 |
| For LC series with 301GAS & 601GAS use front plate # 86074 (order from Peerless) | | | | | | | | | | | | | | | | |
| WBV-03 | 84 | EZGas Pro | 99034FR2 | 99034FR2 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99033 | 2 1/2 | #12 (.189) | #22 (.157) | 20% | 1 slot | blank | 3.5 |
| | 119 | EZGas Pro | 99034FR2 | 99034FR2 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99033 | 2 1/2 | A (.234) | #12 (.189) | 35% | 1 slot | blank | 3.5 |
| | 140 | EZGas Pro | 99034FR2 | 99034FR2 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99033 | 2 1/2 | F (.257) | #3 (.213) | 50% | 1 slot | blank | 3.4 |
| WBV-04 | 133 | EZGas Pro | 99034FR2 | 99034FR2 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99033 | 2 1/2 | F (.257) | 13/64 (.203) | 32% | 2 slot | blank | 3.2NG/3.4LP |
| | 175 | EZGas Pro | 99034FR2 | 99034FR2 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99033 | 2 1/2 | N (.302) | 1/4 (.250) | 50% | 2 slot | blank | 3.6NG/3.2LP |
| | 210 | EZGas Pro | 99034FR2 | 99034FR2 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99033 | 2 1/2 | 23/64 (.359) | 1/4 (.250) | 70% | 2 slot | blank | 3.7NG/3.5LP |
| * Must have gasket under ignitor and grommet in access cover: Order kit # GSKTKIT1 | | | | | | | | | | | | | | | | |

Pensotti

| | | | | | | | | | | | | | | | | |
|--------------------|-----|-----------|---------------------|---------------------|-----|-----|----|------|-------|---|--------------|--------------|------------------|--------|-------|-------------|
| DK2-3 | 98 | EZGas Pro | Order from Pensotti | Order from Pensotti | N/A | N/A | 9S | 10"S | 50682 | 3 | #3 (.213) | #18 (.170) | 18% | 1 slot | blank | 3.5NG/3.0LP |
| DK2-4 | 140 | EZGas Pro | Order from Pensotti | Order from Pensotti | N/A | N/A | 9S | 10"S | 50682 | 3 | G (.261) | #3 (.213) | 40% | 1 slot | blank | 3.5 |
| DK2-5 | 175 | EZGas Pro | Order from Pensotti | Order from Pensotti | N/A | N/A | 9S | 10"S | 50682 | 3 | O (.316) | C (.242) | 72% | 1 slot | blank | 3.5 |
| DK2-6 | 194 | EZGas Pro | Order from Pensotti | Order from Pensotti | N/A | N/A | A | 10"S | 50682 | 3 | 21/64 (.328) | 17/64 (.266) | 48% | 2 slot | blank | 3.5 |
| DK2-7 | 224 | EZGas Pro | Order from Pensotti | Order from Pensotti | N/A | N/A | A | 10"S | 50682 | 3 | U (.368) | 19/64 (.297) | 60NG/65LP | 2 slot | blank | 3.5 |
| DK2-8 ¹ | 252 | EZGas Pro | Order from Pensotti | Order from Pensotti | N/A | N/A | A | 10"S | 50682 | 3 | 29/64 (.453) | R (.339) | 72% ¹ | 2 slot | blank | 3.5 |

¹ Burner has spacer (0.100) between AFS cover and air band, P/N 50925

DK2 burners include gasket under ignitor and grommet in access cover: kit # GSKTKIT1

| | | | | | | | | | | | | | | | | |
|-------------|-----|-----------|---------------------|---------------------|-----|-----|---|------|---------|-------|-------------|-------------|-----------|--------|-------|-----|
| S1-18/ BL-3 | 97 | EZGas Pro | Order from Pensotti | Order from Pensotti | N/A | N/A | B | 10"S | 9926601 | 3 1/4 | 7/32 (.219) | # 17 (.173) | 25% | 1 slot | blank | 3.5 |
| S1-26/ BL-4 | 137 | EZGas Pro | Order from Pensotti | Order from Pensotti | N/A | N/A | B | 10"S | 9926601 | 3 1/4 | I (.272) | 7/32 (.219) | 40NG/48LP | 1 slot | blank | 3.5 |
| S1-34/ BL-5 | 177 | EZGas Pro | Order from Pensotti | Order from Pensotti | N/A | N/A | A | 10"S | 9926501 | 3 1/4 | O (.316) | 1/4 (.250) | 40% | 2 slot | blank | 3.5 |
| S1-42/BL-6 | 217 | EZGas Pro | Order from Pensotti | Order from Pensotti | N/A | N/A | A | 10"S | 9926501 | 3 1/4 | W (.386) | L (.290) | 62% | 2 slot | blank | 3.5 |
| S1-50/ BL-7 | 257 | EZGas Pro | Order from Pensotti | Order from Pensotti | N/A | N/A | A | 10"S | 9926501 | 3 1/4 | 7/16 (.438) | P (.323) | 90NG/80LP | 2 slot | blank | 3.5 |

Regal Star (Boyertown Furnace)

| | | | | | | | | | | | | | | | | |
|---------|-----|-----------|----------------------|----------------------|-----|-----|----|-----|-------|---|------------|------------|-----|--------|-------|-------------|
| RSM-600 | 84 | EZGas Pro | Order from Boyertown | Order from Boyertown | N/A | N/A | 9S | 12" | 98896 | 4 | #12 (.189) | #23 (.154) | 18% | 1 slot | blank | 3.3 |
| | 105 | EZGas Pro | Order from Boyertown | Order from Boyertown | N/A | N/A | 9S | 12" | 98896 | 4 | #1 (.228) | #15 (.180) | 32% | 1 slot | blank | 3.2NG/3.1LP |

Slant Fin

| | | | | | | | | | | | | | | | | |
|---------|-----|-----------|----------|----------|-----|-----|----|-----------|-------|-------|--------------|--------------|-----|--------|-------|-------------|
| L/ LD30 | 154 | EZGas Pro | 50364FR1 | 50364FR1 | N/A | N/A | 9S | 12"/ 10"S | 50304 | 2 1/8 | 9/32 (.281) | #1 (.228) | 60% | 1 slot | blank | 3.5NG/3.4LP |
| | 175 | EZGas Pro | 50364FR1 | 50364FR1 | N/A | N/A | 9S | 12"/ 10"S | 50304 | 2 1/8 | O (.316) | 15/64 (.234) | 72% | 1 slot | blank | 3.4NG/3.5LP |
| L/ LD40 | 210 | EZGas Pro | 50364FR1 | 50364FR1 | N/A | N/A | A | 12"/ 10"S | 50304 | 2 1/8 | 11/32 (.343) | 17/64 (.266) | 47% | 2 slot | blank | 3.4NG/3.5LP |
| | 224 | EZGas Pro | 50364FR1 | 50364FR1 | N/A | N/A | A | 12"/ 10"S | 50304 | 2 1/8 | 23/64 (.359) | 9/32 (.281) | 52% | 2 slot | blank | 3.5 |
| | 252 | EZGas Pro | 50364FR1 | 50364FR1 | N/A | N/A | A | 12"/ 10"S | 50304 | 2 1/8 | 23/64 (.359) | 21/64 (.328) | 76% | 2 slot | blank | 3.7NG/3.4LP |

L, LD, and TR series burners include gasket under ignitor and grommet in access cover: kit # GSKTKIT1

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|--|-----------|--------------|-----------------------------|-------------------------|-------------|------------|---------------|-----------|--------------|-----------------|--------------|--------------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| TR30 | 154 | EZGas Pro | 50364FR1 | 50364FR1 | N/A | N/A | 9S | 12"/ 10"S | 50304 | 2 1/8 | 9/32 (.281) | #1 (.228) | 60% | 1 slot | blank | 3.5NG/3.4LP |
| | 175 | EZGas Pro | 50364FR1 | 50364FR1 | N/A | N/A | 9S | 12"/ 10"S | 50304 | 2 1/8 | O (.316) | 15/64 (.234) | 72% | 1 slot | blank | 3.4NG/3.5LP |
| TR40 | 210 | EZGas Pro | 50364FR1 | 50364FR1 | N/A | N/A | A | 12"/ 10"S | 50304 | 2 1/8 | 11/32 (.343) | 17/64 (.266) | 47% | 2 slot | blank | 3.4NG/3.5LP |
| | 224 | EZGas Pro | 50364FR1 | 50364FR1 | N/A | N/A | A | 12"/ 10"S | 50304 | 2 1/8 | 23/64 (.359) | 9/32 (.281) | 52% | 2 slot | blank | 3.5 |
| | 252 | EZGas Pro | 50364FR1 | 50364FR1 | N/A | N/A | A | 12"/ 10"S | 50304 | 2 1/8 | 23/64 (.359) | 21/64 (.328) | 76% | 2 slot | blank | 3.7NG/3.4LP |
| L, LD, and TR series burners include gasket under ignitor and grommet in access cover: kit # GSKTKIT1 | | | | | | | | | | | | | | | | |
| EC13 | 91 | EZGas Pro | 50364FR2 | 50364FR2 | N/A | N/A | 9S | 12"S | 50964 | 4 1/2 | 7/32 (.219) | #23 (.154) | 20% | 1 slot | blank | 3.4 |
| | 98 | EZGas Pro | 50364FR2 | 50364FR2 | N/A | N/A | 9S | 12"S | 50964 | 4 1/2 | #2 (.221) | #19 (.166) | 25% | 1 slot | blank | 3.5 |
| 12" x 8" blanket required for EC series | | | | | | | | | | | | | | | | |
| EC series burners include gasket under ignitor and grommet in access cover: kit # GSKTKIT1 | | | | | | | | | | | | | | | | |
| XL-30 | 119 | EZGas Pro | 50364FR3 | 50364FR3 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99553 | 1 3/4 | #1 (.228) | #12 (.189) | 20% | 2 slot | blank | 3.5 |
| | 140 | EZGas Pro | 50364FR3 | 50364FR3 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99553 | 1 3/4 | 1/4 (.250) | #6 (.204) | 30% | 2 slot | blank | 3.5 |
| | 160 | EZGas Pro | 50364FR3 | 50364FR3 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99553 | 1 3/4 | I (.272) | #1 (.228) | 40% | 2 slot | blank | 3.5 |
| XL-40 | 175 | EZGas Pro | 50364FR3 | 50364FR3 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99553 | 1 3/4 | M (.295) | D (.246) | 45% | 2 slot | blank | 3.5 |
| | 189 | EZGas Pro | 50364FR3 | 50364FR3 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99553 | 1 3/4 | 19/64 (.296) | 1/4 (.250) | 50% | 2 slot | blank | 3.5 |
| | 217 | EZGas Pro | 50364FR3 | 50364FR3 | 9859210SFR1 | 9859210FRU | 9S | 10" | 99553 | 1 3/4 | 11/32 (.343) | 9/32 (.281) | 70% | 2 slot | blank | 3.5 |

Smith Cast-Iron Boilers

| | | | | | | | | | | | | | | | | |
|------------|-----|-----------|----------|----------|-----|-----|---|------|---------|-------|--------------|--------------|------|--------|-------|-----|
| Series 8-3 | 105 | EZGas Pro | 99075FR3 | 99075FR3 | N/A | N/A | B | 10"S | 9921201 | 2 1/4 | 7/32 (.219) | # 17(.173) | 15% | 1 slot | blank | 3.5 |
| | 133 | EZGas Pro | 99075FR3 | 99075FR3 | N/A | N/A | B | 10"S | 9921201 | 2 1/4 | 1/4 (.250) | 3/16 (.188) | 35% | 1 slot | blank | 3.5 |
| Series 8-4 | 154 | EZGas Pro | 99075FR3 | 99075FR3 | N/A | N/A | B | 10"S | 9921201 | 2 1/4 | 9/32 (.281) | 7/32 (.219) | 48% | 1 slot | blank | 3.5 |
| | 175 | EZGas Pro | 99075FR3 | 99075FR3 | N/A | N/A | B | 10"S | 9921201 | 2 1/4 | 19/64 (.297) | 1/4 (.250) | 70% | 1 slot | blank | 3.5 |
| Series 8-5 | 196 | EZGas Pro | 99075FR5 | 99075FR5 | N/A | N/A | A | 10"S | 9921201 | 2 1/4 | Q (.332) | I (.272) | 55% | 2 slot | blank | 3.5 |
| | 238 | EZGas Pro | 99075FR5 | 99075FR5 | N/A | N/A | A | 10"S | 9921201 | 2 1/4 | Y (.404) | 5/16 (.312) | 90% | 2 slot | blank | 3.5 |
| Series 8-6 | 245 | EZGas Pro | 99075FR5 | 99075FR5 | N/A | N/A | A | 10"S | 9921201 | 2 1/4 | 13/32 (.406) | 5/16 (.312) | 91% | 2 slot | blank | 3.5 |
| | 270 | EZGas Pro | 99075FR5 | 99075FR5 | N/A | N/A | A | 10"S | 9921201 | 2 1/4 | 27/64 (.422) | 11/32 (.344) | 100% | 2 slot | blank | 3.5 |

Series 8 burners will not fit series 8HE boilers

For covered burners use P/N 99075FR1 for the 3 or 4 section and P/N 99075FR6 for the 5 or 6 section boilers

| | | | | | | | | | | | | | | | | |
|--------|------|--------|----------|-----------|-----|-----|----|-------|-------|-------|---------------|--------------|-----------|--------|--------|-------------|
| 19A-03 | 375 | 201GAS | 99076FR3 | 99076FR3P | N/A | N/A | A | 12" | 99543 | 4 3/4 | 9/16 (.563) | 7/16 (.438) | 60% | 4 slot | none | 3.5 |
| 19A-04 | 520 | 301GAS | 99546FR4 | 99546FR4P | N/A | N/A | S | 14" B | 99728 | 4 3/4 | 17/32 (.531) | 13/32 (.406) | 45% | 4 slot | center | 3.5 |
| 19A-05 | 725 | 301GAS | 99546FR5 | 99546FR5P | N/A | N/A | B | 14" B | 99528 | 4 3/4 | 5/8 (.625) | 1/2 (.500) | 60NG/70LP | 4 slot | none | 3.5 |
| 19A-06 | 931 | 301GAS | 99546FR6 | 99546FR6P | N/A | N/A | C | 14" C | 99529 | 4 3/4 | 25/32 (.781) | 9/16 (.562) | 100% | 4 slot | none | 3.5 |
| 19A-06 | 931 | 601GAS | 99548FR6 | 99548FR6P | N/A | N/A | 11 | 14" B | 99528 | 4 3/4 | 25/32 (.781) | 9/16 (.562) | 8 | -- | -- | 3.5NG/3.9LP |
| | 1137 | 601GAS | 99548FR7 | | N/A | N/A | 12 | 14" D | 99530 | 4 3/4 | 1 1/4 (1.25) | | Open | -- | -- | 3.6 |
| 19A-07 | 1137 | | | 99548FR7P | | | 11 | 14" C | 99529 | 4 3/4 | | 5/8 (.625) | Open | -- | -- | 3.5 |
| | 1342 | 601GAS | 99548FR8 | | N/A | N/A | 32 | 14" D | 99530 | 4 3/4 | 1 1/8 (1.125) | | 9.5 | -- | -- | 3.5 |
| 19A-08 | 1342 | | | 99548FR8P | | | 31 | 14" C | 99529 | 4 3/4 | | 11/16 (.688) | 9.5 | -- | -- | 3.4 |

Add -M to part # for Mass Code

For 19A series with 301GAS & 601GAS use front plate # 3565 (order from Smith)

Solaia Boilers

| | | | | | | | | | | | | | | | | |
|-------|----|-----------|----------------------|----------------------|-----|-----|----|----------|--------|-------|------------|------------|-----|--------|-------|-----|
| 81275 | 85 | EZGas Pro | Order from Boyertown | Order from Boyertown | N/A | N/A | 9S | 12"/ 10" | 50363B | 1 3/4 | #12 (.189) | #23 (.154) | 10% | 1 slot | blank | 3.5 |
|-------|----|-----------|----------------------|----------------------|-----|-----|----|----------|--------|-------|------------|------------|-----|--------|-------|-----|

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|---|------------------------|--------------|-----------------------------|-------------------------|-----------|-----------|---------------|-----------|--------------|-----------------|--------------|--------------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| SL4100 | 105 | EZGas Pro | Order from Boyertown | Order from Boyertown | N/A | N/A | 9S | 12"/ 10" | 50363B | 1 3/4 | #1 (.228) | #15 (.180) | 20% | 1 slot | blank | 3.5 |
| | 116 | EZGas Pro | Order from Boyertown | Order from Boyertown | N/A | N/A | 9S | 12"/ 10"S | 50361B | 1 3/4 | 15/64 (.234) | #13 (.185) | 18% | 2 slot | blank | 3.5 |
| | 140 | EZGas Pro | Order from Boyertown | Order from Boyertown | N/A | N/A | 9S | 12"/ 10"S | 50361B | 1 3/4 | G (.261) | #6 (.204) | 25% | 2 slot | blank | 3.5 |
| SL5125 | 145 | EZGas Pro | Order from Boyertown | Order from Boyertown | N/A | N/A | 9S | 12"/ 10"S | 50361B | 1 3/4 | 17/64 (.266) | #4 (.209) | 27% | 2 slot | blank | 3.5 |
| | 175 | EZGas Pro | Order from Boyertown | Order from Boyertown | N/A | N/A | 9S | 12"/ 10"S | 50361B | 1 3/4 | 5/16 (.312) | C (.242) | 40% | 2 slot | blank | 3.5 |
| SL6150 | Not recommended | | | | | | | | | | | | | | | |
| SL7175 | Not recommended | | | | | | | | | | | | | | | |
| Solaia Series burners are built with covers and come with gasket under ignitor and grommet in access cover: kit # GSKTKIT1 | | | | | | | | | | | | | | | | |
| CSL6230 | 322 | 201GAS | Order from Boyertown | Order from Boyertown | N/A | N/A | D | 10" | 51057 | 4 1/2 | 5/8 (.625) | 15/32 (.469) | 85% | 4 slot | none | 3.5 |
| CSL7290 | 406 | 301GAS | Order from Boyertown | Order from Boyertown | N/A | N/A | S | 14"B | 51062 | 4 1/2 | 7/16 (.438) | 23/64 (.359) | 35% | 4 slot | full | 3.5NG/3.3LP |
| CSL8350 | 490 | 301GAS | Order from Boyertown | Order from Boyertown | N/A | N/A | S | 14"B | 51062 | 4 1/2 | 1/2 (.500) | 13/32 (.406) | 50% | 4 slot | full | 3.0NG/3.4LP |
| CSL9410 | 574 | 301GAS | Order from Boyertown | Order from Boyertown | N/A | N/A | B | 14"B | 51062 | 4 1/2 | 35/64 (.546) | 7/16 (.438) | 45% | 4 slot | center | 3.0NG/3.2LP |
| CSL10470 | 658 | 301GAS | Order from Boyertown | Order from Boyertown | N/A | N/A | B | 14"B | 51062 | 4 1/2 | 19/32 (.593) | 15/32 (.469) | 65% | 4 slot | center | 3.5NG/3.3LP |
| CSL11530 | 742 | 301GAS | Order from Boyertown | Order from Boyertown | N/A | N/A | B | 14"B | 51062 | 4 1/2 | 5/8 (.625) | 31/64 (.484) | 90% | 4 slot | center | 3.4NG/3.5LP |
| CSL12590 | 826 | 301GAS | Order from Boyertown | Order from Boyertown | N/A | N/A | B | 14"C | 51063 | 4 1/2 | 11/16 (.687) | 17/32 (.531) | 60% | 4 slot | none | 3.5 |

Southern Breeze

| | | | | | | | | | | | | | | | | |
|-------|--|--------|-------|-------|-------------|-----|---|-----|-------|-------|--------------|----------|-----|--------|------|-----|
| SB250 | | 201GAS | 99771 | 99771 | 9859314BFR2 | N/A | B | 12" | 99770 | 7 3/4 | 13/32 (.406) | O (.316) | 40% | 2 Slot | none | 3.5 |
|-------|--|--------|-------|-------|-------------|-----|---|-----|-------|-------|--------------|----------|-----|--------|------|-----|

Spirit Furnace

| | | | | | | | | | | | | | | | | |
|-----------|-----|-----------|-----|-----|-------------|------------|----|-----|-----------|-------|---------------|--------------|-----|--------|------|-----|
| VLR/F-DCP | 84 | EZGas Pro | N/A | N/A | 9859212SFR1 | 9859214FRU | 9S | 12" | Universal | 5 7/8 | #12 (0.189) | 5/32 (0.156) | 25% | 1 slot | none | 3.5 |
| | 105 | EZGas Pro | N/A | N/A | 9859212SFR1 | 9859214FRU | 9S | 12" | Universal | 5 7/8 | #2 (0.221) | #14 (0.182) | 40% | 1 slot | none | 3.5 |
| | 119 | EZGas Pro | N/A | N/A | 9859212SFR1 | 9859214FRU | 9S | 12" | Universal | 5 7/8 | C (0.242) | #6 (0.204) | 50% | 1 slot | none | 3.5 |
| | 140 | EZGas Pro | N/A | N/A | 9859212SFR1 | 9859214FRU | 9S | 12" | Universal | 5 7/8 | 17/64 (0.266) | #4 (0.209) | 70% | 1 slot | none | 3.5 |

Cabinet Depth - 9". Cannot put door back on with burner installed

Therma-Flow/ Everhot

| | | | | | | | | | | | | | | | | |
|-------|-----|-----------|-----|-----|-------------|------------|----|----|-------|--------|-------------|--------------|-----|--------|-------|-----|
| S30GL | 105 | EZGas Pro | N/A | N/A | 9859212SFR1 | 9859214FRU | 9S | 12 | 51395 | 6 5/16 | 7/32 (.218) | 11/64 (.172) | 35% | 1 slot | blank | 3.5 |
|-------|-----|-----------|-----|-----|-------------|------------|----|----|-------|--------|-------------|--------------|-----|--------|-------|-----|

Thermo-Dynamics Boiler Co.

| | | | | | | | | | | | | | | | | |
|------------|-----|-----------|----------------|----------------|-----|-----|----|------|-------|-------|------------|--------------|-----|--------|-------|-----|
| CWL-GS-100 | 100 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 99393 | 3 1/2 | #1 (.228) | 5/32 (.156) | 35% | 1 slot | blank | 3.5 |
| CWL-GS-120 | 120 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 99393 | 3 1/2 | C (.242) | 11/64 (.172) | 43% | 1 slot | blank | 3.5 |
| CWL-GS-140 | 140 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 99393 | 3 1/2 | 1/4 (.250) | 13/64 (.203) | 52% | 1 slot | blank | 3.5 |

| | | | | | | | | | | | | | | | | |
|---------------|-----|-----------|----------------|----------------|-----|-----|----|------|-------|-------|------------|--------------|-----|--------|-------|-----|
| CWL-GS-100-DV | 100 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 99393 | 3 1/2 | #1 (.228) | 5/32 (.156) | 35% | 1 slot | blank | 3.5 |
| CWL-GS-120-DV | 120 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 99393 | 3 1/2 | C (.242) | 11/64 (.172) | 43% | 1 slot | blank | 3.5 |
| CWL-GS-140-DV | 140 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 99393 | 3 1/2 | 1/4 (.250) | 13/64 (.203) | 52% | 1 slot | blank | 3.5 |

| | | | | | | | | | | | | | | | | |
|-----------|-----|-----------|----------------|----------------|-----|-----|----|------|-------|-------|------------|--------------|-----------|--------|-------|-----|
| HT-120-GS | 120 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 50727 | 3 3/4 | C (.242) | 11/64 (.172) | 30% | 1 slot | blank | 3.5 |
| HT-140-GS | 140 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 50727 | 3 3/4 | 1/4 (.250) | 13/64 (.203) | 42% | 1 slot | blank | 3.5 |
| HT-160-GS | 160 | EZGas Pro | Order from TDC | Order from TDC | N/A | N/A | 9S | 10"S | 50727 | 3 3/4 | L (.290) | 7/32 (.218) | 57NG/78LP | 1 slot | blank | 3.5 |

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|---------------------------------------|-----------|--------------|-----------------------------|-------------------------|--------------|------------|---------------|----------|--------------|-----------------|--------------|--------------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| HT-II-165 | 225 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | TBD | 3 3/4 | 11/32 (.344) | 9/32 (.281) | 50% | 2 Slot | blank | 3.5 |
| HT-II-175 | 250 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | TBD | 3 3/4 | 13/32 (.406) | 5/16 (.312) | 60% | 2 Slot | Blank | 3.5 |
| HT-II-200 | 275 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | TBD | 3 3/4 | 7/16 (.438) | 11/32 (.344) | 85% | 2 Slot | Blank | 3.5 |
| HT-II-225 | 300 | 201GAS | N/A | N/A | 9859308AFR1 | N/A | A | 8" | TBD | 3 3/4 | 27/64 (.422) | 5/16 (.312) | 30% | 4 Slot | none | 3.5 |
| HT-II-250 | 350 | 201GAS | N/A | N/A | 9859308AFR1 | N/A | A | 8" | TBD | 3 3/4 | 15/32 (.469) | 11/32 (.344) | 35% | 4 Slot | none | 3.5 |
| HT-II-275 | 399 | 201GAS | N/A | N/A | 9859308AFR1 | N/A | A | 8" | TBD | 3 3/4 | 9/16 (.563) | 13/32 (.406) | 70% | 4 Slot | none | 3.5 |
| NEED COVER KIT FOR DIRECT VENT MODELS | | | | | | | | | | | | | | | | |
| TDX-120 | 120 | EZGas Pro | Order from TDC | Order from TDC | 9859210BFR1 | 9859210FRU | B | 10" | 99553 | 1 3/4 | C (.242) | #9 (.196) | 40NG/49LP | 1 slot | blank | 3.5 |
| TDX-140 | 140 | EZGas Pro | Order from TDC | Order from TDC | 9859210BFR1 | 9859210FRU | B | 10" | 99553 | 1 3/4 | 1/4 (.250) | 7/32 (.218) | 45NG/60LP | 1 slot | blank | 3.5 |
| TDX-160 | 160 | EZGas Pro | Order from TDC | Order from TDC | 9859210BFR1 | 9859210FRU | B | 10" | 99553 | 1 3/4 | L (.290) | 15/64 (.234) | 82NG/85LP | 1 slot | blank | 3.5 |
| NEED COVER KIT FOR DIRECT VENT MODELS | | | | | | | | | | | | | | | | |
| TDX-120-DV | 120 | EZGas Pro | Order from TDC | Order from TDC | 9859210BFR1 | 9859210FRU | B | 12"/ 10" | 50171 | 1 3/4 | C (.242) | #9 (.196) | 40NG/49LP | 1 slot | blank | 3.5 |
| TDX-160-DV | 160 | EZGas Pro | Order from TDC | Order from TDC | 9859210BFR1 | 9859210FRU | B | 12"/ 10" | 50171 | 1 3/4 | L (.290) | 15/64 (.234) | 82NG/85LP | 1 slot | blank | 3.5 |
| TDX-140-DV | 140 | EZGas Pro | Order from TDC | Order from TDC | 9859210BFR1 | 9859210FRU | B | 12"/ 10" | 50171 | 1 3/4 | 1/4 (.250) | 7/32 (.218) | 45NG/60LP | 1 slot | blank | 3.5 |
| NEED COVER KIT FOR DIRECT VENT MODELS | | | | | | | | | | | | | | | | |

Thermo Pride

| | | | | | | | | | | | | | | | | |
|---|-----|------------------------|--------|--------|-----|-----|---|-----|-------|-------|--------------|-------------|-----|--------|-------|-----|
| OH6 | 70 | EZGas Pro ¹ | 50754A | 50754A | N/A | N/A | C | 10" | 50753 | 4 3/4 | #13 (.185) | 9/64 (.141) | 15% | 1 slot | blank | 3.5 |
| | 85 | EZGas Pro ¹ | 50754A | 50754A | N/A | N/A | C | 10" | 50753 | 4 3/4 | 13/64 (.283) | #19 (.166) | 22% | 1 slot | blank | 3.5 |
| | 106 | EZGas Pro ¹ | 50754A | 50754A | N/A | N/A | C | 10" | 50753 | 4 3/4 | 15/64 (.234) | #11 (.191) | 44% | 1 slot | blank | 3.5 |
| ¹ Burner will not fit in cabinet with door on. | | | | | | | | | | | | | | | | |

Triad

| | | | | | | | | | | | | | | | | |
|-------|------|--------|--------------------|--------------------|-----|-----|---|-------|-------|-------|--------------|--------------|-----------|--------|--------|-------------|
| 900SH | 600 | 301GAS | 99912FR6 (-MN, MP) | 99912FR6 (-MN, MP) | N/A | N/A | C | 14" C | 99913 | 5 3/8 | 35/64 (.547) | 7/16 (.438) | 15% | 4 slot | center | 3.6 |
| | 700 | 301GAS | 99912FR6 (-MN, MP) | 99912FR6 (-MN, MP) | N/A | N/A | C | 14" C | 99913 | 5 3/8 | 5/8 (.625) | 15/32 (.469) | 35NG/40LP | 4 slot | center | 3.4NG/3.5LP |
| | 800 | 301GAS | 99912FR6 (-MN, MP) | 99912FR6 (-MN, MP) | N/A | N/A | C | 14" C | 99913 | 5 3/8 | 11/16 (.688) | 33/64 (.516) | 50NG/65LP | 4 slot | center | 3.5NG/3.3LP |
| | 900 | 301GAS | 99912FR9 (-MN, MP) | 99912FR9 (-MN, MP) | N/A | N/A | C | 14" C | 99913 | 5 3/8 | 25/32 (.781) | 9/16 (.562) | 50NG/60LP | 4 slot | none | 3.5 |
| | 1000 | 301GAS | 99912FR9 (-MN, MP) | 99912FR9 (-MN, MP) | N/A | N/A | C | 14" C | 99913 | 5 3/8 | 1 (none) | 19/32 (.594) | 100% | 4 slot | none | 3.7NG/3.5LP |

Triangle Tube Phase III

| | | | | | | | | | | | | | | | | |
|--------------|-----|-----------|-----|-----|-------------|------------|----|-----|-----------|-------|-------------|--------------|-----|----------|-------|-----|
| Alpha-80 | 80 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 5/8 | 3/16 (.187) | 9/64 (.141) | 10% | 1 Slot | blank | 3.5 |
| Alpha-100 | 100 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 5/8 | 7/32 (.219) | 11/64 (.172) | 25% | 1 Slot | blank | 3.5 |
| Alpha-120 | 120 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 5/8 | 1/4 (.250) | 13/64 (.283) | 35% | 1 Slot | blank | 3.5 |
| Alpha-80-DV | 80 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 5/8 | 3/16 (.187) | 9/64 (.141) | 5% | Air Boot | -- | 3.5 |
| Alpha-100-DV | 100 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 5/8 | 7/32 (.219) | 11/64 (.172) | 10% | Air Boot | -- | 3.5 |

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|---------------------------------------|-----------|--------------|-----------------------------|-------------------------|-------------|------------|---------------|----------|--------------|-----------------|--------------|--------------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| Alpha-120-DV | 120 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 5/8 | 1/4 (.250) | 13/64 (.283) | 15% | Air Boot | -- | 3.5 |
| NEED COVER KIT FOR DIRECT VENT MODELS | | | | | | | | | | | | | | | | |

Utica Boilers

| | | | | | | | | | | | | | | | | |
|--|-----|-----------|-----|-----|--------------|------------|----|-----|-----------|-------|--------------|--------------|-----------|--------|--------------------|-------------|
| SFH-3085 | 119 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 15/64 (.234) | 3/16 (.187) | 30% | 1 Slot | blank | 3.5 |
| SFH 3100 | 140 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 17/64 (.265) | 7/32 (.219) | 45% | 1 Slot | blank | 3.5 |
| SFH4100 | 140 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 17/64 (.265) | 7/32 (.219) | 25% | 2 slot | blank | 3.5 |
| SFH4125 | 175 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 21/64 (.328) | 17/64 (.265) | 45% | 2 slot | blank | 3.5 |
| SFH 4145 | 203 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 11/32 (.343) | 9/32 (.281) | 60NG/65LP | 2 slot | blank | 3.5 |
| SFH-5160 | 224 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/2 | 21/64 (.328) | 9/32 (.281) | 60% | 2 slot | blank | 3.5 |
| SFH 5185 ¹ | 259 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/2 | V (.377) | 21/64 (.328) | 65NG/75LP | 2 slot | blank ¹ | 3.5 |
| SFH 6175 | 245 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/2 | 25/64 (.391) | 19/64 (.297) | 75% | 2 slot | blank | 3.4NG/3.5LP |
| SFH 6210 ² | 295 | 201GAS | N/A | N/A | N/A | N/A | A | 10" | Universal | 2 1/2 | 25/64 (.391) | 21/64 (.328) | 40% | 2 slot | Full | 3.4NG/3.0LP |
| ¹ Air flow switch cover spacer required - P/N: 50925 | | | | | | | | | | | | | | | | |
| SFE-3085S | 119 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 15/64 (.234) | 3/16 (.187) | 30% | 1 Slot | blank | 3.5 |
| SFE-4125S | 175 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 2 1/2 | 21/64 (.328) | 17/64 (.265) | 45% | 2 slot | blank | 3.5 |
| SFE-5185S | 259 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | Universal | 2 1/2 | V (.377) | 21/64 (.328) | 65NG/75LP | 2 slot | blank ¹ | 3.5 |
| SFE-6210S ² | 295 | 201GAS | N/A | N/A | N/A | N/A | A | 10" | Universal | 2 1/2 | 25/64 (.391) | 21/64 (.328) | 40% | 2 slot | Full | 3.4NG/3.0LP |
| ² SFH-6210 and SFE-6210S would need an Application Specific burner | | | | | | | | | | | | | | | | |

Viessmann

| | | | | | | | | | | | | | | | | |
|---|-----|-----------|--------|--------|---------------|-----|--------|------|-------|---|--------------|--------------|-----------|--------|-------|-----|
| VR1-22, VR1-91 | 91 | EZGas Pro | 51350A | 51350A | N/A | N/A | C | 12-S | 51349 | 4 | #1 (.228) | 11/64 (.172) | 30% | 1 slot | blank | 3.5 |
| VR1-27, VR1-105 | 105 | EZGas Pro | 51350B | 51350B | 9859212SFR1 * | N/A | 9 slot | 12 | 51354 | 5 | 7/32 (.219) | 11/64 (.172) | 20% | 1 slot | blank | 3.5 |
| VR1-33, VR1-140 | 140 | EZGas Pro | 51350B | 51350B | 9859212SFR1 * | N/A | 9 slot | 12 | 51354 | 5 | 17/64 (.265) | #4 (.209) | 30% | 2 slot | blank | 3.5 |
| VR1-40, VR1-161 | 161 | EZGas Pro | 51350B | 51350B | 9859212SFR1 * | N/A | 9 slot | 12 | 51354 | 5 | 19/64 (.297) | 15/64 (.234) | 35% | 2 slot | blank | 3.5 |
| VR1-50, VR1-196 | 196 | EZGas Pro | 51350B | 51350B | 9859212SFR1 * | N/A | 9 slot | 12 | 51354 | 5 | 5/16 (.312) | I (.272) | 40NG/52LP | 2 slot | blank | 3.5 |
| VR1-63, VR1-245 | 245 | EZGas Pro | 51350A | 51350A | N/A | N/A | A-1 | 12-S | 51349 | 4 | 3/8 (.375) | 19/64 (.297) | 60% | 2 slot | blank | 3.5 |
| Direct Vent | | | | | | | | | | | | | | | | |
| VR1-22-DV | 91 | EZGas Pro | 51350A | 51350A | N/A | N/A | C | 12-S | 51349 | 4 | #1 (.228) | 11/64 (.172) | 45NG/35LP | 1 slot | blank | 3.5 |
| VR1-27-DV | 105 | EZGas Pro | 51350B | 51350B | 9859212SFR1 * | N/A | 9 slot | 12 | 51354 | 5 | 7/32 (.219) | 11/64 (.172) | 27% | 1 slot | blank | 3.5 |
| VR1-33-DV | 140 | EZGas Pro | 51350B | 51350B | 9859212SFR1 * | N/A | 9 slot | 12 | 51354 | 5 | 17/64 (.265) | #4 (.209) | 25% | 2 slot | blank | 3.5 |
| * Must have gasket under ignitor and grommet in access cover: Order kit # GSKTKIT1 | | | | | | | | | | | | | | | | |

Weil-McLain

| | | | | | | | | | | | | | | | | |
|-------|-----|-----------|----------|-----------|--------------|------------|----|-----|---------|-------|-------------|--------------|-----------|--------|-------|-----|
| GO-2 | 98 | EZGas Pro | 98954FR2 | 98954FR2P | 9859210BFR1 | 9859210FRU | B | 10" | 9895301 | 3 1/8 | 7/32 (.219) | 11/64 (.172) | 35NG/25LP | 1 Slot | blank | 3.5 |
| GO-3R | 112 | EZGas Pro | 98954FR3 | 98954FR3P | 9859210BFR1 | 9859210FRU | B | 10" | 9895301 | 3 1/8 | #1 (.228) | #15 (.180) | 30% | 1 slot | blank | 3.5 |
| GO-3 | 133 | EZGas Pro | 98954FR3 | 98954FR3P | 9859210BFR1 | 9859210FRU | B | 10" | 9895301 | 3 1/8 | 1/4 (.250) | 7/32 (.219) | 35NG/40LP | 1 Slot | blank | 3.5 |
| GO-4R | 140 | EZGas Pro | 98954FR4 | 98954FR4P | 9859210SFR1 | 9859210FRU | 9S | 10" | 9895301 | 3 1/8 | 1/4 (.250) | #5 (.206) | 25% | 2 Slot | blank | 3.5 |
| GO-4 | 168 | EZGas Pro | 98954FR4 | 98954FR4P | 9859210SFR1 | 9859210FRU | 9S | 10" | 9895301 | 3 1/8 | 9/32 (.281) | #2 (.221) | 35% | 2 Slot | blank | 3.5 |
| GO-5R | 168 | EZGas Pro | 98954FR5 | 98954FR5P | 9859210AFR1A | 9859210FRU | A | 10" | 9895301 | 3 1/8 | L (.290) | 15/64 (.234) | 35% | 2 Slot | blank | 3.5 |
| GO-5 | 203 | EZGas Pro | 98954FR5 | 98954FR5P | 9859210AFR1A | 9859210FRU | A | 10" | 9895301 | 3 1/8 | 5/16 (.312) | I (.272) | 35% | 2 Slot | blank | 3.5 |
| GO-6R | 196 | EZGas Pro | 98954FR6 | 98954FR6P | 9859210AFR1A | 9859210FRU | A | 10" | 9895301 | 3 1/8 | 5/16 (.312) | 1/4 (.250) | 40% | 2 Slot | blank | 3.5 |

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure | |
|---|------------------------|--------------|--|-------------------------|--------------|------------|---------------|----------|--------------|-----------------|---------------|---------------|-------------|----------|-------------|-------------------|-----|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | | |
| GO-6 | 245 | EZGas Pro | 98954FR6 | 98954FR6P | 9859210AFR1A | 9859210FRU | A | 10" | 9895301 | 3 1/8 | X (.397) | P (.323) | 58NG/70LP | 2 Slot | blank | 3.5 | |
| GO-7 | 280 | 201GAS | 98841FR7 | 98841FR7 | 9859310BFR | N/A | B | 10" | 99331 | 3 1/8 | Y (.404) | 21/64 (.328) | 38% | 2 Slot | none | 3.5 | |
| GO-8 | 322 | 201GAS | 98841FR8 | 98841FR8 | 9859310AFRA | N/A | A | 10" | 98840 | 3 1/8 | 27/64 (.422) | 11/32 (.344) | 18NG/21LP | 4 Slot | none | 3.5 | |
| GO-9 | Not recommended | | | | | | | | | | | | | | | | |
| UO-3 | 112 | EZGas Pro | 98954FR9 | 98954FR9 | N/A | N/A | B | 10"S | 50330 | 2 | 7/32 (.219) | #14 (.182) | 22NG/30LP | 1 slot | blank | 3.5 | |
| | 140 | EZGas Pro | 98954FR9 | 98954FR9 | N/A | N/A | B | 10"S | 50330 | 2 | F (.257) | 7/32 (.219) | 50% | 1 slot | blank | 3.5 | |
| UO-4 | 168 | EZGas Pro | 98954FR9 | 98954FR9 | N/A | N/A | B | 10"S | 50330 | 2 | L (.290) | D (.246) | 65% | 1 slot | blank | 3.5 | |
| UO-5 | 196 | EZGas Pro | 98954FR10 | 98954FR10 | N/A | N/A | A | 10"S | 50330 | 2 | P (.323) | I (.272) | 40% | 2 slot | blank | 3.5 | |
| Ultra burners are built with covers and come with gasket under ignitor and grommet in access cover: kit # GSKTKIT1 | | | | | | | | | | | | | | | | | |
| 380 | 346 | 201GAS | 98841FR38 | 98841FR38P | N/A | N/A | A | 10" | 99318 | 3 | 15/32 (.469) | 3/8 (.375) | 45NG/50LP | 4 Slot | none | 3.5 | |
| 480 | 491 | 301GAS | 99205FR4 (-M) | 99205FR4P (-M) | N/A | N/A | B | 14" B | 99311 | 4 | 1/2 (.500) | 3/8 (.375) | 45NG/52LP | 4 Slot | full | 3.2NG/ 3.8LP | |
| 580 | 639 | 301GAS | 99205FR5 (-M) | 99205FR5P (-M) | N/A | N/A | B | 14" B | 99311 | 4 | 9/16 (.562) | 7/16 (.438) | 75% | 4 Slot | center | 3.5 | |
| 680 | 787 | 301GAS | 99205FR6 (-M) | 99205FR6P (-M) | N/A | N/A | C | 14" C | 99310 | 4 | 5/8 (.625) | 1/2 (.500) | 52NG/60LP | 4 Slot | center | 3.5 | |
| 780 | 935 | 301GAS | 99205FR7 (-M) | 99205FR7P (-M) | N/A | N/A | C | 14" C | 99310 | 4 | 11/16 (.687) | 17/32 (.531) | 60NG/100LP | 4 Slot | none | 3.5NG/ 3.2LP | |
| 780 | 935 | 601GAS | 99348FR7N (-M) | 99348FR7P (-M) | N/A | N/A | 21 | 14" C | 99310 | 4 | 3/4 (.750) | 17/32 (.531) | 3 | -- | -- | 3.6NG/3.5LP | |
| 880 | 1082 | 601GAS | 99348FR8N (-M) | 99348FR8P (-M) | N/A | N/A | 21 | 14" C | 99310 | 4 | 1 (1.00) | 19/32 (.594) | 3.5 | -- | -- | 3.6NG/3.5LP | |
| 980 | 1230 | 601GAS | 99348FR9N (-M) | | N/A | N/A | 32 | 14" D | 99538 | 4 | 15/16 (.938) | | 5.5 | -- | -- | 3.5 | |
| | 1230 | | | 99348FR9P (-M) | N/A | N/A | 31 | 14" C | 99310 | 4 | | 21/32 (.656) | 5.5 | -- | -- | 3.5 | |
| 1080 | 1378 | 601GAS | 99348FR1N (-M) | 99348FR1P (-M) | N/A | N/A | 32 | 14" D | 99538 | 4 | 1 1/8 (1.125) | 3/4 (.750) | 7 | -- | -- | 3.5 | |
| For 80 series with 301GAS & 601GAS use front plate # 385-700-235 (order from Weil-McLain) | | | | | | | | | | | | | | | | | |
| 488/ 488R | 1010/ 996 | 601GAS | Chassis: 99520-12/ Tube Kit: 99538KIT | | | N/A | N/A | 32 | 14" D | 99538 | 4 | 13/16 (0.813) | 5/8 (0.625) | 3 | -- | -- | 3.5 |
| 588 | 1378 | 601GAS | Chassis: 99520-12/ Tube Kit: 99538KIT2 | | | N/A | N/A | 32 | 14" D | 99538 | 4 | 1 1/8 (1.125) | 3/4 (.750) | 8 | -- | -- | 3.5 |
| For 88 series with 601GAS use front plate # 386-300-220 (order from Weil-McLain) | | | | | | | | | | | | | | | | | |
| For 78 series Weil-McLain boilers use 80 series part numbers above | | | | | | | | | | | | | | | | | |

Williamson-Thermoflo

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|---|-----|-----------|-----|-----|--------------|------------|----|-----|-----------|-------|--------------|--------------|-----------|--------|-------|--------------|
| W/HBO-10A | 105 | EZGas Pro | N/A | N/A | 9859212BFR1 | 9859214FRU | B | 12" | Universal | 5 1/2 | #2 (.221) | #16 (.177) | 15% | 1 Slot | blank | 3.5 |
| | 120 | EZGas Pro | N/A | N/A | 9859212BFR1 | 9859214FRU | B | 12" | Universal | 5 1/2 | C (.242) | #10 (.194) | 25% | 1 Slot | blank | 3.5 |
| CLB/ CHB-105 | 91 | EZGas Pro | N/A | N/A | 9859212SFR1 | 9859214FRU | 9S | 12" | Universal | 5 1/2 | #5 (.205) | #20 (.161) | 18% | 1 slot | blank | 3.5 |
| | 105 | EZGas Pro | N/A | N/A | 9859212SFR1 | 9859214FRU | 9S | 12" | Universal | 5 1/2 | 7/32 (.219) | #19 (.166) | 20% | 1 slot | blank | 3.5 |
| | 119 | EZGas Pro | N/A | N/A | 9859212SFR1 | 9859214FRU | 9S | 12" | Universal | 5 1/2 | #1 (.228) | #14 (.183) | 30% | 1 slot | blank | 3.5 |
| EZGas Pro will not fit in cabinet of the CHB/CLB furnace | | | | | | | | | | | | | | | | |
| PMP/PLB-098 | 70 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 3/4 | 11/64 (.172) | #30 (.129) | 11% | 1 slot | blank | 3.6 |
| | 84 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 3/4 | 3/16 (.187) | 5/32 (.156) | 20% | 1 slot | blank | 3.8NG/3.7LP |
| | 98 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 3/4 | 7/32 (.219) | #20 (.161) | 28% | 1 slot | blank | 3.2NG/ 3.6LP |
| PMP/PLB-112 | 95 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 3/4 | #5 (.206) | #20 (.161) | 29% | 1 slot | blank | 3.6 |
| | 112 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | Universal | 1 3/4 | #2 (.221) | #15 (.180) | 36% | 1 slot | blank | 3.6 |
| OWB/OWT-3 | 98 | EZGas Pro | N/A | N/A | 9859210BFR1 | 9859210FRU | B | 10" | 9895301 | 3 1/8 | 7/32 (.219) | 11/64 (.172) | 35NG/25LP | 1 Slot | blank | 3.5 |
| | 133 | EZGas Pro | N/A | N/A | 9859210BFR1 | 9859210FRU | B | 10" | 9895301 | 3 1/8 | 1/4 (.250) | 7/32 (.219) | 35NG/40LP | 1 Slot | blank | 3.5 |
| OWB/OWT-4 | 140 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | 9895301 | 3 1/8 | 1/4 (.250) | #5 (.206) | 25% | 2 Slot | blank | 3.5 |
| | 168 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | 9895301 | 3 1/8 | 9/32 (.281) | #2 (.221) | 35% | 2 Slot | blank | 3.5 |
| OWB/OWT-5 | 168 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | 9895301 | 3 1/8 | L (.290) | 15/64 (.234) | 35% | 2 Slot | blank | 3.5 |
| | 203 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | 9895301 | 3 1/8 | 5/16 (.312) | I (.272) | 35% | 2 Slot | blank | 3.5 |

Gas Burner Selection Guide

| Appliance Model | Input MBH | Burner Model | Gas Burner Part Number | | | | Diffuser/Head | Air Tube | OEM Air Tube | Insertion Depth | Orifice Size | | Air Setting | Air Band | Air Shutter | Manifold Pressure |
|-----------------|-----------|--------------|-----------------------------|-------------------------|--------------|------------|---------------|----------|--------------|-----------------|--------------|--------------|-------------|----------|-------------|-------------------|
| | | | Appl Specific - Natural Gas | Appl Specific - Propane | Multi-Fit | Universal | | | | | Natural Gas | Propane | | | | |
| OWB/OWT-6 | 196 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | 9895301 | 3 1/8 | 5/16 (.312) | 1/4 (.250) | 40% | 2 Slot | blank | 3.5 |
| | 245 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | 9895301 | 3 1/8 | X (.397) | P (.323) | 58NG/70LP | 2 Slot | blank | 3.5 |
| OSB-3 | 114 | EZGas Pro | N/A | N/A | 9859210BFR1 | 9859210FRU | B | 10" | 9895301 | 3 1/8 | #1 (.228) | #15 (.180) | 30% | 1 slot | blank | 3.5 |
| OSB-4 | 144 | EZGas Pro | N/A | N/A | 9859210SFR1 | 9859210FRU | 9S | 10" | 9895301 | 3 1/8 | 1/4 (.250) | #5 (.206) | 25% | 2 Slot | blank | 3.5 |
| OSB-5 | 174 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | 9895301 | 3 1/8 | L (.290) | 15/64 (.234) | 35% | 2 Slot | blank | 3.5 |
| OSB-6 | 210 | EZGas Pro | N/A | N/A | 9859210AFR1A | 9859210FRU | A | 10" | 9895301 | 3 1/8 | 5/16 (.312) | 1/4 (.250) | 40% | 2 Slot | blank | 3.5 |

York Shipley

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|-------|------|-----------|-----------|-----------|-----|-----|----|-------|-------|-------|--------------|--------------|------------|--------|-------|-------------|
| CT-6 | 252 | EZGas Pro | 99680FR6 | 99680FR6 | N/A | N/A | 9S | 12" | 99630 | 4 3/4 | 3/8 (.375) | 19/64 (.297) | 80% | 2 slot | blank | 3.5 |
| CT-10 | 420 | 301GAS | 99681FR10 | 99681FR10 | N/A | N/A | B | 14" B | 99328 | 4 3/4 | 29/64 (.453) | S (.348) | 15% | 4 Slot | full | 3.5 |
| CT-15 | 630 | 301GAS | 99681FR15 | 99681FR15 | N/A | N/A | B | 14" B | 99328 | 4 3/4 | 37/64 (.578) | 29/64 (.453) | 65% | 4 Slot | full | 3.5 |
| CT-20 | 840 | 301GAS | 99681FR20 | 99681FR20 | N/A | N/A | C | 14" C | 99327 | 4 3/4 | 3/4 (.750) | 35/64 (.546) | 35NG/50LP | 4 Slot | none | 3.5 |
| CT-25 | 1050 | 601GAS | 99682FR25 | 99682FR25 | N/A | N/A | 11 | 14" C | 99327 | 4 3/4 | 1 (1.00) | 19/32 (.593) | 1.5NG/ 2LP | -- | -- | 3.8NG/3.5LP |