PRODIGY II SERIES — INDOOR GAS FIREPLACE

P2ST7 20

See-Through linear · 84" × 20" viewing glass · natural gas or propane · power vented

MONTIGO® the art of fireplaces

THIS MODEL

Configuration	See-Through
Viewing glass	84" W × 20" H
Overall unit	86" × 51" × 22"
Framed opening	86-1/4" W × 54-3/4" H

GAS & ELECTRICAL

Max input — natural gas	101,500 BTU/hr
Max input — propane	90,000 BTU/hr
Orifice — NG	1 @ 3.1 mm + 1 @ 27 DMS
Orifice — LP	1 @ 1.8 mm + 1 @ 44 DMS
NG inlet / manifold	5.5" / 3.5" WC
LP inlet / manifold	11" / 10" WC

VENTING — POWER VENT REQ'D

Exhaust	1 × 10" B-vent
Intake	2 × 8" B-vent
PV — roof / wall	PVVH300
PV — in-line	PVIN10
Vent run	3' min · 110' max
Electrical	120 VAC, 15 A

INCLUDED

- Proflame 2 control system and remote
- Wi-Fi enabled for phone or tablet app control
- Full-width LED uplighting
- Glacier firestone media
- COOL-Pack glass
- Power vent anchor adaptor
- 50' power vent cable

FIELD-INSTALLED ACCESSORIES

- Intake and exhaust dampers
- Gas conversion kit
- Decorative media
- Touchscreen remote
- Wall-mount remote

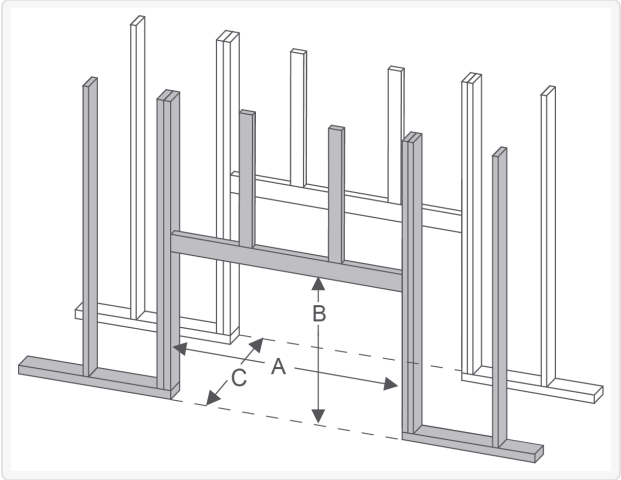
REQUIRED, FIELD SUPPLIED

- Montigo power vent (see above)
- Flue and intake venting
- 120 VAC / 15 A supply
- 1/2" NPT gas supply

Dimensions, framing, clearances, media quantities and installation notes: page 2.

Empire is committed to continuous product improvement; specifications are subject to change without notice. Dimensions are approximate — read and follow the framing dimensions in the installation manual supplied with the product. Flame size, shape and color will vary from photos.

P2ST7 20



Framing dimensions A, B and C are tabled at right. Full dimensioned drawings: I&M 47335, Sections 1 and 3.

DIMENSIONS (INCHES)

Viewing width	84"
Viewing height	20"
Overall width	86"
Overall height	51"
Overall depth	22"
Framing width (A)	86-1/4"
Framing height (B)	54-3/4"
Framing depth (C)	22"

CLEARANCES TO COMBUSTIBLES

Top / rear / sides / floor	0"
Mantel	0"
Flue	1"
Glass (finished edge)	1/8"

Glass clearance is measured from the edge of the finished material, so the glass can be removed for service.

BURNER MEDIA — 7 FT

Firestone	39 lb
Firebeads	39 lb
Speckled stone	1350 pcs

Lay media in a single layer across the pan; never cover the pilot.

MODEL CODE

P2	ST	7	20	N / P

Series · configuration · glass width · glass height · gas type.

INSTALLATION NOTES

- Frame to the framing dimensions above — they are larger than the unit itself. Montigo recommends framing after the unit is set in its final position.
- Add 3-1/2" to the overall height (B) for the flue and intake collars.
- Zero-clearance: combustible finishing may sit against the body, with fasteners no deeper than 1/2" and none within 3" above or below the glass.
- Seal every flue joint and longitudinal seam with high-temp RTV or foil tape, or the vacuum switch may not make.
- Vent run: 3' minimum, 110' maximum including three 90° elbows — deduct 15' per additional elbow, and 5' per 1' of downward run (8' down maximum).
- App control pairs over a 2.4 GHz network only — the fireplace will not connect to 5 GHz.
- Twin-burner unit: a secondary IFC is fitted and AUX must stay ON at the remote at all times.
- The two 8" intakes may be combined into one 12" duct (≥ 100.6 sq in free area) with a plenum or wye.

Certification. Design-certified by CSA to ANSI Z21.50-2019 / CSA 2.22-2019 and CSA 2.17-2017 (high altitude). Vented decorative gas appliance — not a source of heat; not for use with solid fuel or with air filters. Must be installed by a qualified gas appliance installer to NFPA 54 / ANSI Z223.1 (US) or CAN B149.1 (Canada). Warranty: 15 years firebox and main burner, 1 year components and labor.

PRODIGY II SERIES — INDOOR GAS FIREPLACE

P2ST7 24

See-Through linear · 84" × 24" viewing glass · natural gas or propane · power vented

MONTIGO® the art of fireplaces

THIS MODEL

Configuration	See-Through
Viewing glass	84" W × 24" H
Overall unit	86" × 55" × 22"
Framed opening	86-1/4" W × 58-3/4" H

GAS & ELECTRICAL

Max input — natural gas	101,500 BTU/hr
Max input — propane	90,000 BTU/hr
Orifice — NG	1 @ 3.1 mm + 1 @ 27 DMS
Orifice — LP	1 @ 1.8 mm + 1 @ 44 DMS
NG inlet / manifold	5.5" / 3.5" WC
LP inlet / manifold	11" / 10" WC

VENTING — POWER VENT REQ'D

Exhaust	1 × 10" B-vent
Intake	2 × 8" B-vent
PV — roof / wall	PVVH300
PV — in-line	PVIN10
Vent run	3' min · 110' max
Electrical	120 VAC, 15 A

INCLUDED

- Proflame 2 control system and remote
- Wi-Fi enabled for phone or tablet app control
- Full-width LED uplighting
- Glacier firestone media
- COOL-Pack glass
- Power vent anchor adaptor
- 50' power vent cable

FIELD-INSTALLED ACCESSORIES

- Intake and exhaust dampers
- Gas conversion kit
- Decorative media
- Touchscreen remote
- Wall-mount remote

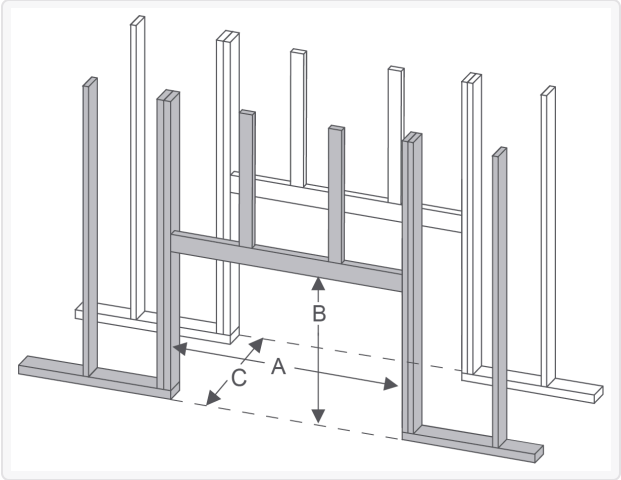
REQUIRED, FIELD SUPPLIED

- Montigo power vent (see above)
- Flue and intake venting
- 120 VAC / 15 A supply
- 1/2" NPT gas supply

Dimensions, framing, clearances, media quantities and installation notes: page 2.

Empire is committed to continuous product improvement; specifications are subject to change without notice. Dimensions are approximate — read and follow the framing dimensions in the installation manual supplied with the product. Flame size, shape and color will vary from photos.

P2ST7 24



Framing dimensions A, B and C are tabled at right. Full dimensioned drawings: I&M 47335, Sections 1 and 3.

DIMENSIONS (INCHES)

Viewing width	84"
Viewing height	24"
Overall width	86"
Overall height	55"
Overall depth	22"
Framing width (A)	86-1/4"
Framing height (B)	58-3/4"
Framing depth (C)	22"

CLEARANCES TO COMBUSTIBLES

Top / rear / sides / floor	0"
Mantel	0"
Flue	1"
Glass (finished edge)	1/8"

Glass clearance is measured from the edge of the finished material, so the glass can be removed for service.

BURNER MEDIA — 7 FT

Firestone	39 lb
Firebeads	39 lb
Speckled stone	1350 pcs

Lay media in a single layer across the pan; never cover the pilot.

MODEL CODE

P2	ST	7	24	N / P

Series · configuration · glass width · glass height · gas type.

INSTALLATION NOTES

- Frame to the framing dimensions above — they are larger than the unit itself. Montigo recommends framing after the unit is set in its final position.
- Add 3-1/2" to the overall height (B) for the flue and intake collars.
- Zero-clearance: combustible finishing may sit against the body, with fasteners no deeper than 1/2" and none within 3" above or below the glass.
- Seal every flue joint and longitudinal seam with high-temp RTV or foil tape, or the vacuum switch may not make.
- Vent run: 3' minimum, 110' maximum including three 90° elbows — deduct 15' per additional elbow, and 5' per 1' of downward run (8' down maximum).
- App control pairs over a 2.4 GHz network only — the fireplace will not connect to 5 GHz.
- Twin-burner unit: a secondary IFC is fitted and AUX must stay ON at the remote at all times.
- The two 8" intakes may be combined into one 12" duct (≥ 100.6 sq in free area) with a plenum or wye.

Certification. Design-certified by CSA to ANSI Z21.50-2019 / CSA 2.22-2019 and CSA 2.17-2017 (high altitude). Vented decorative gas appliance — not a source of heat; not for use with solid fuel or with air filters. Must be installed by a qualified gas appliance installer to NFPA 54 / ANSI Z223.1 (US) or CAN B149.1 (Canada). Warranty: 15 years firebox and main burner, 1 year components and labor.

PRODIGY II SERIES — INDOOR GAS FIREPLACE

P2ST7 30

See-Through linear · 84" × 30" viewing glass · natural gas or propane · power vented

MONTIGO® the art of fireplaces

THIS MODEL

Configuration	See-Through
Viewing glass	84" W × 30" H
Overall unit	86" × 61" × 22"
Framed opening	86-1/4" W × 64-3/4" H

GAS & ELECTRICAL

Max input — natural gas	101,500 BTU/hr
Max input — propane	90,000 BTU/hr
Orifice — NG	1 @ 3.1 mm + 1 @ 27 DMS
Orifice — LP	1 @ 1.8 mm + 1 @ 44 DMS
NG inlet / manifold	5.5" / 3.5" WC
LP inlet / manifold	11" / 10" WC

VENTING — POWER VENT REQ'D

Exhaust	1 × 10" B-vent
Intake	2 × 8" B-vent
PV — roof / wall	PVVH300
PV — in-line	PVIN10
Vent run	3' min · 110' max
Electrical	120 VAC, 15 A

INCLUDED

- Proflame 2 control system and remote
- Wi-Fi enabled for phone or tablet app control
- Full-width LED uplighting
- Glacier firestone media
- COOL-Pack glass
- Power vent anchor adaptor
- 50' power vent cable

FIELD-INSTALLED ACCESSORIES

- Intake and exhaust dampers
- Gas conversion kit
- Decorative media
- Touchscreen remote
- Wall-mount remote

REQUIRED, FIELD SUPPLIED

- Montigo power vent (see above)
- Flue and intake venting
- 120 VAC / 15 A supply
- 1/2" NPT gas supply

Dimensions, framing, clearances, media quantities and installation notes: page 2.

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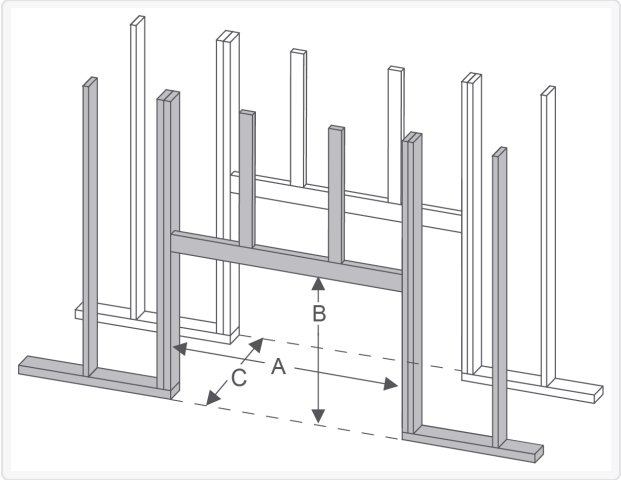
P2ST7 30



Framing dimensions A, B and C are tabled at right. Full dimensioned drawings: I&M 47335, Sections 1 and 3.

DIMENSIONS (INCHES)

Viewing width	84"
Viewing height	30"
Overall width	86"
Overall height	61"
Overall depth	22"
Framing width (A)	86-1/4"
Framing height (B)	64-3/4"
Framing depth (C)	22"

CLEARANCES TO COMBUSTIBLES

Top / rear / sides / floor	0"
Mantel	0"
Flue	1"
Glass (finished edge)	1/8"

Glass clearance is measured from the edge of the finished material, so the glass can be removed for service.

BURNER MEDIA — 7 FT

Firestone	39 lb
Firebeads	39 lb
Speckled stone	1350 pcs

Lay media in a single layer across the pan; never cover the pilot.

MODEL CODE

P2	ST	7	30	N / P

Series · configuration · glass width · glass height · gas type.

INSTALLATION NOTES

- Frame to the framing dimensions above — they are larger than the unit itself. Montigo recommends framing after the unit is set in its final position.
- Add 3-1/2" to the overall height (B) for the flue and intake collars.
- Zero-clearance: combustible finishing may sit against the body, with fasteners no deeper than 1/2" and none within 3" above or below the glass.
- Seal every flue joint and longitudinal seam with high-temp RTV or foil tape, or the vacuum switch may not make.
- Vent run: 3' minimum, 110' maximum including three 90° elbows — deduct 15' per additional elbow, and 5' per 1' of downward run (8' down maximum).
- App control pairs over a 2.4 GHz network only — the fireplace will not connect to 5 GHz.
- Twin-burner unit: a secondary IFC is fitted and AUX must stay ON at the remote at all times.
- The two 8" intakes may be combined into one 12" duct (≥ 100.6 sq in free area) with a plenum or wye.

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PRODIGY II SERIES — INDOOR GAS FIREPLACE

P2ST7 36

See-Through linear · 84" × 36" viewing glass · natural gas or propane · power vented

THIS MODEL

Configuration	**See-Through**
Viewing glass	**84" W × 36" H**
Overall unit	**86" × 67" × 22"**
Framed opening	**86-1/4" W × 70-3/4" H**

GAS & ELECTRICAL

Max input — natural gas	**101,500 BTU/hr**
Max input — propane	**90,000 BTU/hr**
Orifice — NG	**1 @ 3.1 mm + 1 @ 27 DMS**
Orifice — LP	**1 @ 1.8 mm + 1 @ 44 DMS**
NG inlet / manifold	**5.5" / 3.5" WC**
LP inlet / manifold	**11" / 10" WC**

VENTING — POWER VENT REQ'D

Exhaust	**1 × 10" B-vent**
Intake	**2 × 8" B-vent**
PV — roof / wall	**PVVH300**
PV — in-line	**PVIN10**
Vent run	**3' min · 110' max**
Electrical	**120 VAC, 15 A**

INCLUDED

- Proflame 2 control system and remote
- Wi-Fi enabled for phone or tablet app control
- Full-width LED uplighting
- Glacier firestone media
- COOL-Pack glass
- Power vent anchor adaptor
- 50' power vent cable

FIELD-INSTALLED ACCESSORIES

- Intake and exhaust dampers
- Gas conversion kit
- Decorative media
- Touchscreen remote
- Wall-mount remote

REQUIRED, FIELD SUPPLIED

- Montigo power vent (see above)
- Flue and intake venting
- 120 VAC / 15 A supply
- 1/2" NPT gas supply

Dimensions, framing, clearances, media quantities and installation notes: page 2.

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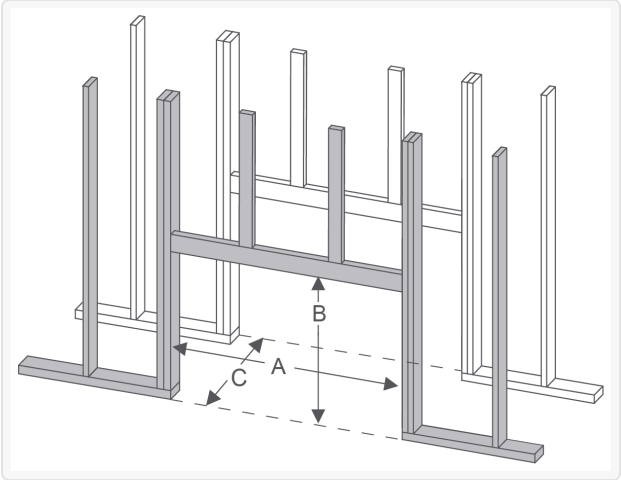
P2ST7 36



Framing dimensions A, B and C are tabled at right. Full dimensioned drawings: I&M 47335, Sections 1 and 3.

DIMENSIONS (INCHES)

Viewing width	84"
Viewing height	36"
Overall width	86"
Overall height	67"
Overall depth	22"
Framing width (A)	86-1/4"
Framing height (B)	70-3/4"
Framing depth (C)	22"

CLEARANCES TO COMBUSTIBLES

Top / rear / sides / floor	0"
Mantel	0"
Flue	1"
Glass (finished edge)	1/8"

Glass clearance is measured from the edge of the finished material, so the glass can be removed for service.

BURNER MEDIA — 7 FT

Firestone	39 lb
Firebeads	39 lb
Speckled stone	1350 pcs

Lay media in a single layer across the pan; never cover the pilot.

MODEL CODE

P2	ST	7	36	N / P

Series · configuration · glass width · glass height · gas type.

INSTALLATION NOTES

- Frame to the framing dimensions above — they are larger than the unit itself. Montigo recommends framing after the unit is set in its final position.
- Add 3-1/2" to the overall height (B) for the flue and intake collars.
- Zero-clearance: combustible finishing may sit against the body, with fasteners no deeper than 1/2" and none within 3" above or below the glass.
- Seal every flue joint and longitudinal seam with high-temp RTV or foil tape, or the vacuum switch may not make.
- Vent run: 3' minimum, 110' maximum including three 90° elbows — deduct 15' per additional elbow, and 5' per 1' of downward run (8' down maximum).
- App control pairs over a 2.4 GHz network only — the fireplace will not connect to 5 GHz.
- Twin-burner unit: a secondary IFC is fitted and AUX must stay ON at the remote at all times.
- The two 8" intakes may be combined into one 12" duct (≥ 100.6 sq in free area) with a plenum or wye.

Certification. Design-certified by CSA to ANSI Z21.50-2019 / CSA 2.22-2019 and CSA 2.17-2017 (high altitude). Vented decorative gas appliance — not a source of heat; not for use with solid fuel or with air filters. Must be installed by a qualified gas appliance installer to NFPA 54 / ANSI Z223.1 (US) or CAN B149.1 (Canada). Warranty: 15 years firebox and main burner, 1 year components and labor.

PRODIGY II SERIES — INDOOR GAS FIREPLACE

P2ST7 48

See-Through linear · 84" × 48" viewing glass · natural gas or propane · power vented

MONTIGO® the art of fireplaces

THIS MODEL

Configuration	See-Through
Viewing glass	84" W × 48" H
Overall unit	86" × 79" × 22"
Framed opening	86-1/4" W × 82-3/4" H

GAS & ELECTRICAL

Max input — natural gas	101,500 BTU/hr
Max input — propane	90,000 BTU/hr
Orifice — NG	1 @ 3.1 mm + 1 @ 27 DMS
Orifice — LP	1 @ 1.8 mm + 1 @ 44 DMS
NG inlet / manifold	5.5" / 3.5" WC
LP inlet / manifold	11" / 10" WC

VENTING — POWER VENT REQ'D

Exhaust	1 × 10" B-vent
Intake	2 × 8" B-vent
PV — roof / wall	PVVH300
PV — in-line	PVIN10
Vent run	3' min · 110' max
Electrical	120 VAC, 15 A

INCLUDED

- Proflame 2 control system and remote
- Wi-Fi enabled for phone or tablet app control
- Full-width LED uplighting
- Glacier firestone media
- COOL-Pack glass
- Power vent anchor adaptor
- 50' power vent cable

FIELD-INSTALLED ACCESSORIES

- Intake and exhaust dampers
- Gas conversion kit
- Decorative media
- Touchscreen remote
- Wall-mount remote

REQUIRED, FIELD SUPPLIED

- Montigo power vent (see above)
- Flue and intake venting
- 120 VAC / 15 A supply
- 1/2" NPT gas supply

Dimensions, framing, clearances, media quantities and installation notes: page 2.

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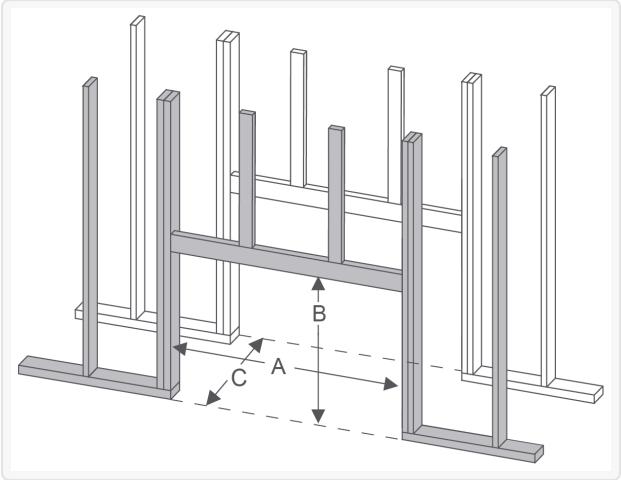
P2ST7 48



Framing dimensions A, B and C are tabled at right. Full dimensioned drawings: I&M 47335, Sections 1 and 3.

DIMENSIONS (INCHES)

Viewing width	84"
Viewing height	48"
Overall width	86"
Overall height	79"
Overall depth	22"
Framing width (A)	86-1/4"
Framing height (B)	82-3/4"
Framing depth (C)	22"

CLEARANCES TO COMBUSTIBLES

Top / rear / sides / floor	0"
Mantel	0"
Flue	1"
Glass (finished edge)	1/8"

Glass clearance is measured from the edge of the finished material, so the glass can be removed for service.

BURNER MEDIA — 7 FT

Firestone	39 lb
Firebeads	39 lb
Speckled stone	1350 pcs

Lay media in a single layer across the pan; never cover the pilot.

MODEL CODE

P2	ST	7	48	N / P

Series · configuration · glass width · glass height · gas type.

INSTALLATION NOTES

- Frame to the framing dimensions above — they are larger than the unit itself. Montigo recommends framing after the unit is set in its final position.
- Add 3-1/2" to the overall height (B) for the flue and intake collars.
- Zero-clearance: combustible finishing may sit against the body, with fasteners no deeper than 1/2" and none within 3" above or below the glass.
- Seal every flue joint and longitudinal seam with high-temp RTV or foil tape, or the vacuum switch may not make.
- Vent run: 3' minimum, 110' maximum including three 90° elbows — deduct 15' per additional elbow, and 5' per 1' of downward run (8' down maximum).
- App control pairs over a 2.4 GHz network only — the fireplace will not connect to 5 GHz.
- Twin-burner unit: a secondary IFC is fitted and AUX must stay ON at the remote at all times.
- The two 8" intakes may be combined into one 12" duct (≥ 100.6 sq in free area) with a plenum or wye.

Certification. Design-certified by CSA to ANSI Z21.50-2019 / CSA 2.22-2019 and CSA 2.17-2017 (high altitude). Vented decorative gas appliance — not a source of heat; not for use with solid fuel or with air filters. Must be installed by a qualified gas appliance installer to NFPA 54 / ANSI Z223.1 (US) or CAN B149.1 (Canada). Warranty: 15 years firebox and main burner, 1 year components and labor.

PRODIGY II SERIES — INDOOR GAS FIREPLACE

P2ST7 60

See-Through linear · 84" × 60" viewing glass · natural gas or propane · power vented

MONTIGO® the art of fireplaces

THIS MODEL

Configuration	See-Through
Viewing glass	84" W × 60" H
Overall unit	86" × 91" × 22"
Framed opening	86-1/4" W × 94-3/4" H

GAS & ELECTRICAL

Max input — natural gas	101,500 BTU/hr
Max input — propane	90,000 BTU/hr
Orifice — NG	1 @ 3.1 mm + 1 @ 27 DMS
Orifice — LP	1 @ 1.8 mm + 1 @ 44 DMS
NG inlet / manifold	5.5" / 3.5" WC
LP inlet / manifold	11" / 10" WC

VENTING — POWER VENT REQ'D

Exhaust	1 × 10" B-vent
Intake	2 × 8" B-vent
PV — roof / wall	PVVH300
PV — in-line	PVIN10
Vent run	3' min · 110' max
Electrical	120 VAC, 15 A

INCLUDED

- Proflame 2 control system and remote
- Wi-Fi enabled for phone or tablet app control
- Full-width LED uplighting
- Glacier firestone media
- COOL-Pack glass
- Power vent anchor adaptor
- 50' power vent cable

FIELD-INSTALLED ACCESSORIES

- Intake and exhaust dampers
- Gas conversion kit
- Decorative media
- Touchscreen remote
- Wall-mount remote

REQUIRED, FIELD SUPPLIED

- Montigo power vent (see above)
- Flue and intake venting
- 120 VAC / 15 A supply
- 1/2" NPT gas supply

Dimensions, framing, clearances, media quantities and installation notes: page 2.

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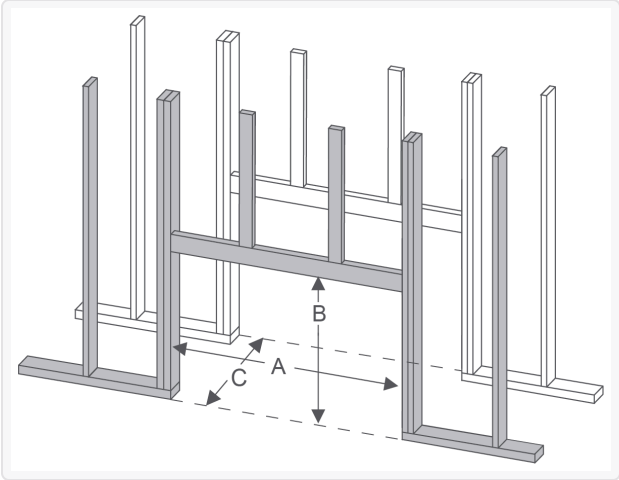
P2ST7 60



Framing dimensions A, B and C are tabled at right. Full dimensioned drawings: I&M 47335, Sections 1 and 3.

DIMENSIONS (INCHES)

Viewing width	84"
Viewing height	60"
Overall width	86"
Overall height	91"
Overall depth	22"
Framing width (A)	86-1/4"
Framing height (B)	94-3/4"
Framing depth (C)	22"

CLEARANCES TO COMBUSTIBLES

Top / rear / sides / floor	0"
Mantel	0"
Flue	1"
Glass (finished edge)	1/8"

Glass clearance is measured from the edge of the finished material, so the glass can be removed for service.

BURNER MEDIA — 7 FT

Firestone	39 lb
Firebeads	39 lb
Speckled stone	1350 pcs

Lay media in a single layer across the pan; never cover the pilot.

MODEL CODE

P2	ST	7	60	N / P

Series · configuration · glass width · glass height · gas type.

INSTALLATION NOTES

- Frame to the framing dimensions above — they are larger than the unit itself. Montigo recommends framing after the unit is set in its final position.
- Add 3-1/2" to the overall height (B) for the flue and intake collars.
- Zero-clearance: combustible finishing may sit against the body, with fasteners no deeper than 1/2" and none within 3" above or below the glass.
- Seal every flue joint and longitudinal seam with high-temp RTV or foil tape, or the vacuum switch may not make.
- Vent run: 3' minimum, 110' maximum including three 90° elbows — deduct 15' per additional elbow, and 5' per 1' of downward run (8' down maximum).
- App control pairs over a 2.4 GHz network only — the fireplace will not connect to 5 GHz.
- Twin-burner unit: a secondary IFC is fitted and AUX must stay ON at the remote at all times.
- The two 8" intakes may be combined into one 12" duct (≥ 100.6 sq in free area) with a plenum or wye.

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