

Nortek-Style Manufactured Housing Furnaces

HVAC EQUIPMENT GUIDE

*Electric Furnaces, 80% Gas Furnaces
95% Gas Furnaces, 83% Oil Furnaces
Coils and Accessories*



Comfort-Care[®]
Century[®]

NORTEK - Manufactured Housing HVAC Equipment Guide

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MANUFACTURED HOUSING ELECTRIC FURNACES

E7ED - Downflow
E7EM - Upflow / Downflow



E7ED



E7EM

MANUFACTURED HOUSING OIL FURNACES

*M5SB*A - Downflow Without Coil Box*
*M5SB*B - Downflow With Coil Box*



M5SB*A



M5SB*B

MANUFACTURED HOUSING GAS FURNACES

*MG1E*A - Downflow Without Coil Box*
*MG1E*B - Downflow With Coil Box*



MG1E*A



MG1E*B

MANUFACTURED HOUSING GAS FURNACES

*MG2R*A - Downflow Without Coil Box*
*MG2R*B - Downflow With Coil Box*



MG2R*A



MG2R*B

E7-Series Electric Furnaces:

- **E7ED** Downflow Only w/ 31" Coil Cabinet
- **E7EM** Upflow/Downflow NO CABINET

Optional Frame and Grille Assembly
for **E7EM** Models Part # 902989

Solid Door for E7EM
Part # 917260

Louvered Door for E7ED
Part # 101480702R

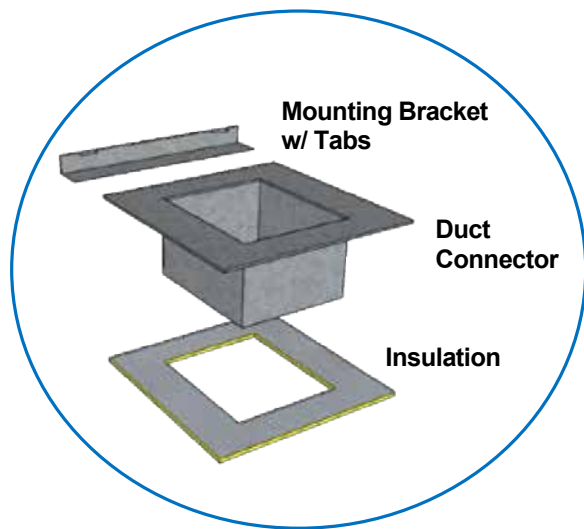
E7EM-Series Upflow/Downflow
(All Have 4-Ton Blowers)

E7EM-010H1 – 10kW	E7EM-012H1 – 12kW
E7EM-015H1 – 15kW	E7EM-017H1 – 17kW
E7EM-020H1 – 20kW	E7EM-023H1 – 23kW

E7ED-Series Downflow w/ 31" Coil Cabinet
(All Have 4-Ton Blowers)

E7ED-010H1 – 10kW	E7ED-012H1 – 12kW
E7ED-015H1 – 15kW	E7ED-017H1 – 17kW
E7ED-020H1 – 20kW	E7ED-023H1 – 23kW

5-Ton Blower Assembly for E7EM or E7ED
Part # 1027059 (Not Shown)



Finger-Tab Duct Connectors

901988A 2" Duct Connector
901989A 4" Duct Connector
901990A 6" Duct Connector
901991A 8" Duct Connector
901992A 10.25" Duct Connector

Filter Sizes:

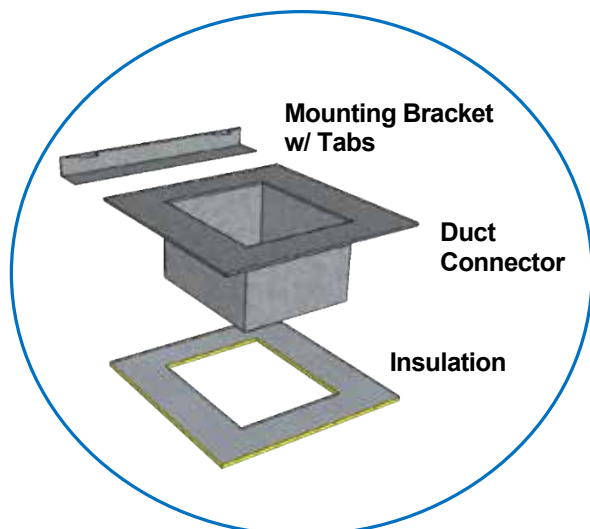
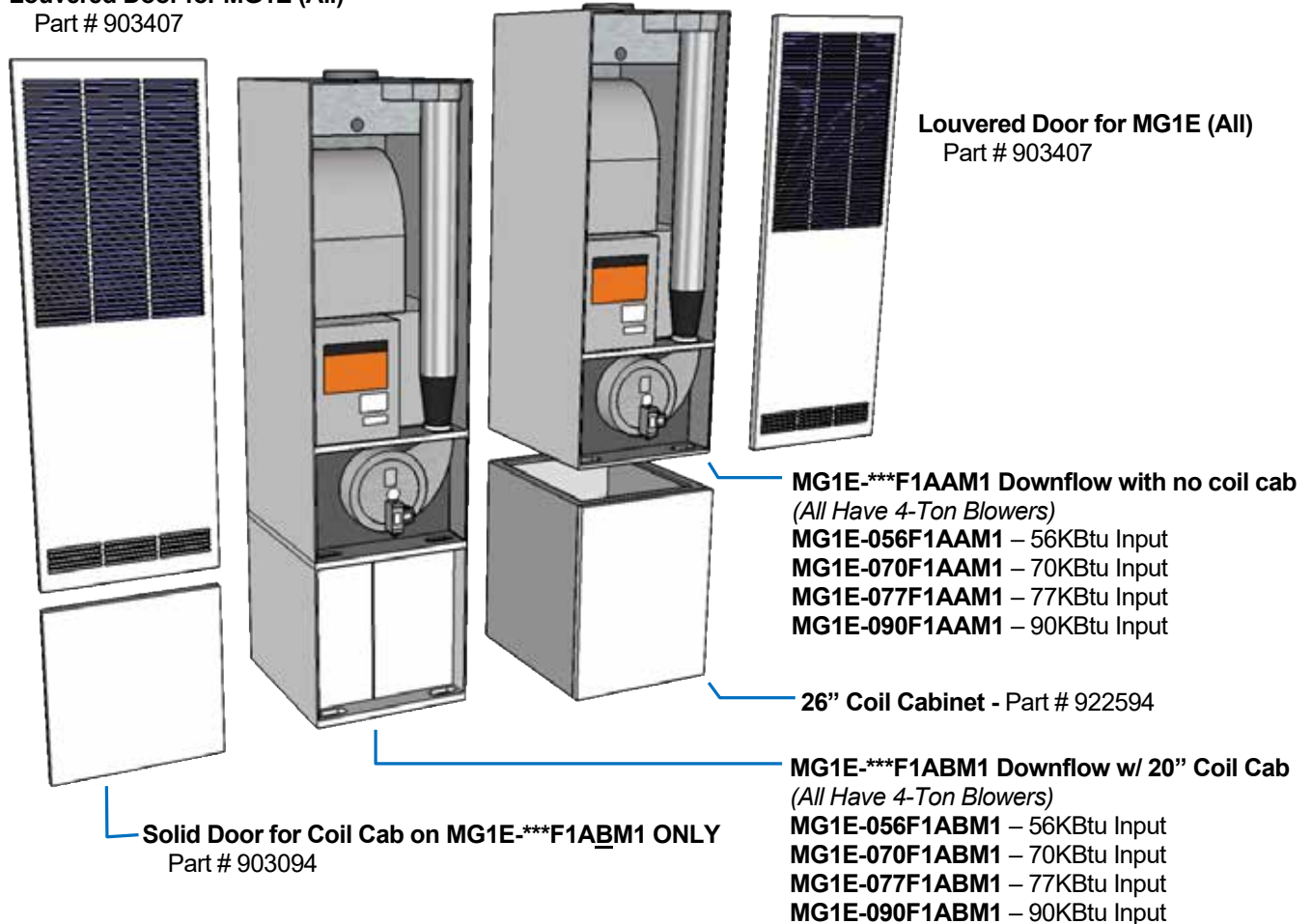
E7EM (1) 20x18x1
E7ED (1) 20x18x1, (1) 30x18x1

MG1E-Series 80% AFUE Gas Furnaces:

- **MG1E-***F1ABM1** Downflow w/ 20" Coil Cabinet
- **MG1E-***F1AAM1** Downflow NO CABINET

Louvered Door for MG1E (All)

Part # 903407



Finger-Tab Duct Connectors

- 901988A 2" Duct Connector
- 901989A 4" Duct Connector
- 901990A 6" Duct Connector
- 901991A 8" Duct Connector
- 901992A 10.25" Duct Connector

Filter Sizes:

MG1E (All) - 19.5"x 28" Blue Hogs Hair Filter

****SEE NEXT PAGE FOR VENT PRODUCTS****

MG1E-Series 80% AFUE Gas Furnaces:

- **MG1E-***F1ABM1** Downflow w/ 20" Coil Cabinet
- **MG1E-***F1AAM1** Downflow NO CABINET

FLAT ROOF JACKS: Use alone or in combination with wedges below for pitched roofs

903658 – Flat Roof Jack 15" to 23"

903659 – Flat Roof Jack 21" to 35"

903550 – Flat Roof Jack 27" to 47"

PITCHED ROOF JACKS: Use alone or in combination with wedges below for higher pitch roofs

903664 – 2/12 Pitch Roof Jack 35" to 63"

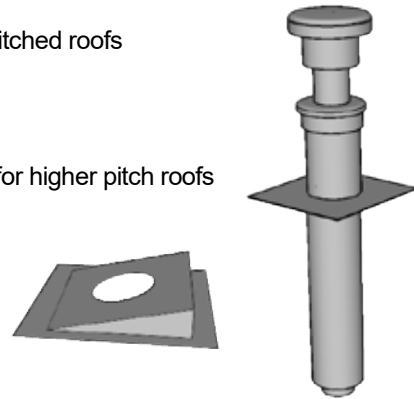
920368 – 2/12 Pitch Roof Jack 51" to 95"

ROOF WEDGES: Use in combination with Flat or Pitched Roof Jacks

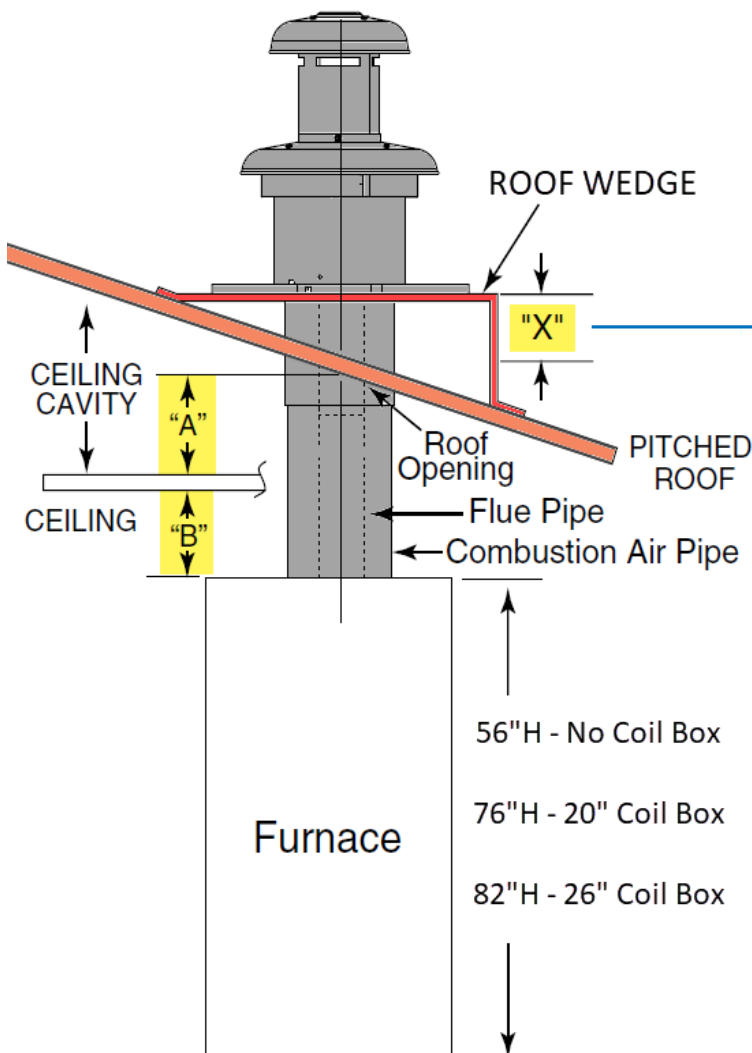
903893 – 2.5/12 Roof Wedge

903894 – 3/12 Roof Wedge

903895 – 4/12 Roof Wedge



TO SELECT ROOFJACK: A + B (+X IF PITCHED ROOF)



ROOF JACK SERIES	IF ROOF PITCH IS:	SLANT DECK FLASHING NUMBER	"X"
FLAT ROOF JACKS	2" in 12"	903893 (2.5/12)	2-1/8"
	2-1/2" in 12"	903893 (2.5/12)	2-1/2"
	3" in 12"	903894 (3/12)	2-7/8"
	3-1/2" in 12"	903894 (3/12)	3-1/4"
	4" in 12"	903895 (4/12)	3-5/8"
2.5/12" PITCH ROOF JACKS	4-1/2" in 12"	903895 (2.5/12)	2-1/8"
	5" in 12"	903895 (2.5/12)	2-1/2"
	5-1/2" in 12"	903894 (3/12)	2-7/8"
	6" in 12"	903894 (3/12)	3-1/4"
	6-1/2" in 12"	903895 (4/12)	3-5/8"

ROOFJACK ACCESSORIES:

902521 – Ceiling Ring for Roof Jacks

901937 – 16" Exterior Roof Jack Extension

901935 – 10" Interior Roof Jack Extension

903107 – 18" interior Roof Jack Extension

56"H - No Coil Box

76"H - 20" Coil Box

82"H - 26" Coil Box

MG1E-Series 80% AFUE Gas Furnaces NAT GAS Orifice Selection

NATURAL GAS ORIFICES: Use the following steps to determine appropriate orifice for installation altitude.

1. Consult Local Utility for "LOCAL HEATING VALUE" at installation site. Use "Local Heating Values" chart to determine if this value is considered "LOW" or "HIGH" based on installation altitude.
2. Use "Natural Gas – High Heating Value" or "Natural Gas – Low Heating Value" chart to determine appropriate orifice based on furnace model.

LOCAL HEATING VALUES FOR NATURAL GAS									
ALTITUDE ABOVE SEA LEVEL	BTU PER CUBIC FOOT								
	650	700	750	800	850	900	950	1,000	1,050
2,000 FT	LOW	LOW	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH
3,000 FT	LOW	LOW	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH
4,000 FT	LOW	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH
5,000 FT	LOW	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH
6,000 FT	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH	HIGH
7,000 FT	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH	HIGH
8,000 FT	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH
9,000 FT	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH
10,000 FT	LOW	LOW	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH

NATURAL GAS - HIGH HEATING VALUE					
ALTITUDE ABOVE SEA LEVEL	FURNACE MODELS				MANIFOLD PRESSURE IS 3.5 IN WC (GAS VALVE SETTING FOR NAT. GAS)
	MG1-056	MG1-070	MG1-077	MG1-090	
0 to 1,999 FT	29	24	21	17	Factory Orifice Size
2,000 to 2,999 FT	29	26	23	18	Service Orifice Size
3,000 to 3,999 FT	30	26	24	19	Service Orifice Size
4,000 to 4,999 FT	30	27	25	20	Service Orifice Size
5,000 to 5,999 FT	30	28	26	21	Service Orifice Size
6,000 to 6,999 FT	30	28	27	22	Service Orifice Size
7,000 to 7,999 FT	31	29	27	23	Service Orifice Size
8,000 to 8,999 FT	31	29	28	24	Service Orifice Size
9,000 to 9,999 FT	32	30	29	25	Service Orifice Size

NATURAL GAS - LOW HEATING VALUE					
ALTITUDE ABOVE SEA LEVEL	FURNACE MODELS				MANIFOLD PRESSURE IS 3.5 IN WC (GAS VALVE SETTING FOR NAT. GAS)
	MG1-056	MG1-070	MG1-077	MG1-090	
0 to 1,999 FT	29	24	21	17	Factory Orifice Size
2,000 to 2,999 FT	29	24	20	17	Service Orifice Size
3,000 to 3,999 FT	29	25	21	18	Service Orifice Size
4,000 to 4,999 FT	29	26	22	19	Service Orifice Size
5,000 to 5,999 FT	30	27	23	20	Service Orifice Size
6,000 to 6,999 FT	30	27	24	21	Service Orifice Size
7,000 to 7,999 FT	30	28	25	22	Service Orifice Size
8,000 to 8,999 FT	31	29	26	23	Service Orifice Size
9,000 to 9,999 FT	31	29	27	24	Service Orifice Size

ORIFICE PART NUMBERS:

661017R - #17	661018R - #18	661019R - #19	661020R - #20	661021R - #21
661022 - #22	662023R - #23	661024R - #24	661025R - #25	661026R - #26
661027 - #27	661028 - #28	661029R - #29	661030R - #30	661031 - #30
661035 - #35	661036R - #36	661037R - #37	661038 - #38	661040 - #40
661041R - #41	661042R - #42	661043R - #43	661044R - #44	661045R - #45
661046R - #46	661047R - #47	661048R - #48	661049R - #49	661050R - #50
661051R - #51	661052R - #52			



MG1E-Series 80% AFUE Gas Furnaces PROPANE Orifice Selection

PROPANE ORIFICES: Use the chart below to determine appropriate orifice based on model and installation altitude.

PROPANE GAS					
ALTITUDE ABOVE SEA LEVEL	FURNACE MODELS				MANIFOLD PRESSURE IS 10 IN WC (GAS VALVE SETTING FOR LP GAS)
	MG1-056	MG1-070	MG1-077	MG1-090	
0 to 1,999 FT	45	42	40	36	Conversion Orifice Size
2,000 to 2,999 FT	47	42	41	37	Service Orifice Size
3,000 to 3,999 FT	47	43	42	38	Service Orifice Size
4,000 to 4,999 FT	47	43	42	39	Service Orifice Size
5,000 to 5,999 FT	48	44	43	40	Service Orifice Size
6,000 to 6,999 FT	48	44	43	41	Service Orifice Size
7,000 to 7,999 FT	49	44	43	42	Service Orifice Size
8,000 to 8,999 FT	49	45	44	42	Service Orifice Size
9,000 to 9,999 FT	50	46	45	43	Service Orifice Size

NOTES: Includes 4% Input Reduction for each 1,000 feet. Reference Sources: ANSI Z223.1, CSA B149.1, NFPA 54 and National Fuel Gas Code.

ORIFICE PART NUMBERS:

661017R - #17	661018R - #18	661019R - #19	661020R - #20	661021R - #21
661022 - #22	662023R - #23	661024R - #24	661025R - #25	661026R - #26
661027 - #27	661028 - #28	661029R - #29	661030R - #30	661031 - #30
661035 - #35	661036R - #36	661037R - #37	661038 - #38	661040 - #40
661041R - #41	661042R - #42	661043R - #43	661044R - #44	661045R - #45
661046R - #46	661047R - #47	661048R - #48	661049R - #49	661050R - #50
661051R - #51	661052R - #52			



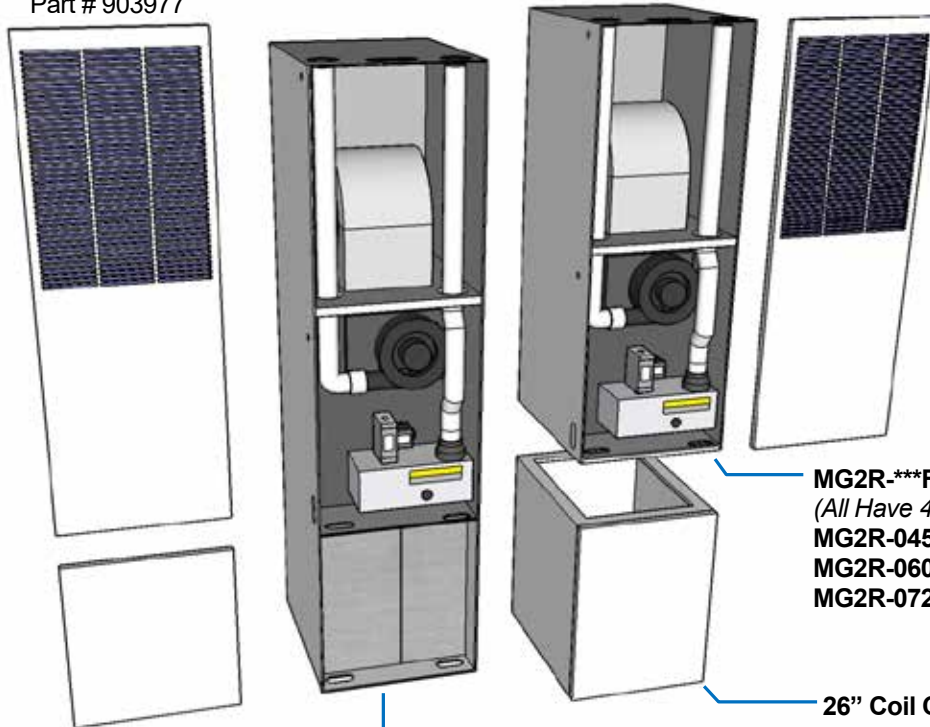
MG2R-Series 95% AFUE Gas Furnaces:

- **MG2R-***F1ABM1** Downflow w/ 20" Coil Cabinet
- **MG2R-***F1AAM1** Downflow NO CABINET



Louvered Door for MG2R (All)

Part # 903977



Louvered Door for MG2R (All)

Part # 903977

MG2R-*F1AAM1** Downflow with no coil cab
(All Have 4-Ton Blowers)

MG2R-045F1AAM1 – 45KBtu Input

MG2R-060F1AAM1 – 60KBtu Input

MG2R-072F1AAM1 – 72KBtu Input

26" Coil Cabinet - Part # 922594

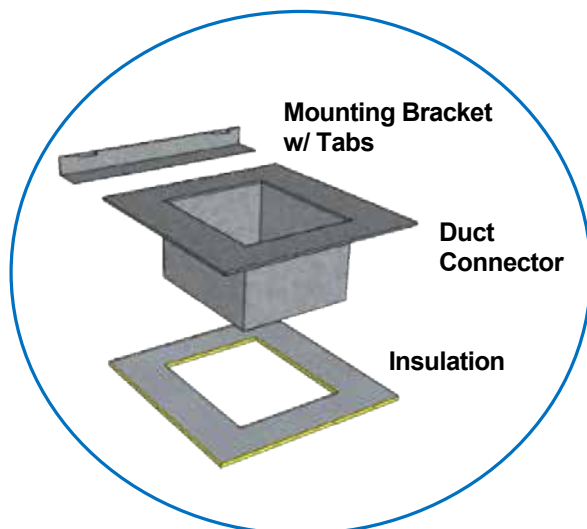
Solid Door for Coil Cab on MG1E-*F1ABM1 ONLY**
Part # 903094

MG2R-*F1ABM1** Downflow w/ 20" Coil Cab
(All Have 4-Ton Blowers)

MG2R-045F1ABM1 – 56KBtu Input

MG2R-060F1ABM1 – 70KBtu Input

MG2R-072F1ABM1 – 72KBtu Input



Finger-Tab Duct Connectors

901988A 2" Duct Connector

901989A 4" Duct Connector

901990A 6" Duct Connector

901991A 8" Duct Connector

901992A 10.25" Duct Connector

Filter Sizes:

MG2R (All) - 19.5"x 21.5" Blue Hogs Hair Filter

****SEE NEXT PAGE FOR VENT PRODUCTS****

MG2R-Series 95% AFUE Gas Furnaces:

- **MG2R-***F1ABM1** Downflow w/ 20" Coil Cabinet
- **MG2R-***F1AAM1** Downflow NO CABINET

PIPING SIZE TABLE: Combined Intake and Exhaust Max. Length

*Consult IOM for complete venting information

MAXIMUM DIRECT VENT, DUAL PIPE LENGTH (FT.)		
MG2R INPUTS (BTU)	INLET / OUTLET 2" DIAMETER	INLET / OUTLET 3" DIAMETER
45,000	30	60
60,000	30	60
72,000	30	60

1. Subtract 2.5ft. for each additional 2" Long Radius Elbow, subtract 5ft. for each additional 2" Short Radius Elbow, subtract 3.5ft. for each additional 3" Long Radius Elbow, and 7ft. for each additional 3" Short Radius Elbow.
2. Two (2) 45 degree elbows are equivalent to one (1) 90 degree elbow.
3. This table applies for elevations from sea level to 2,000ft. elevation. For higher elevations, decrease pipe lengths by 8% per 1000ft. of altitude.

CONCENTRIC PVC KITS: Vertical or Horizontal Intake and Exhaust Termination Kit

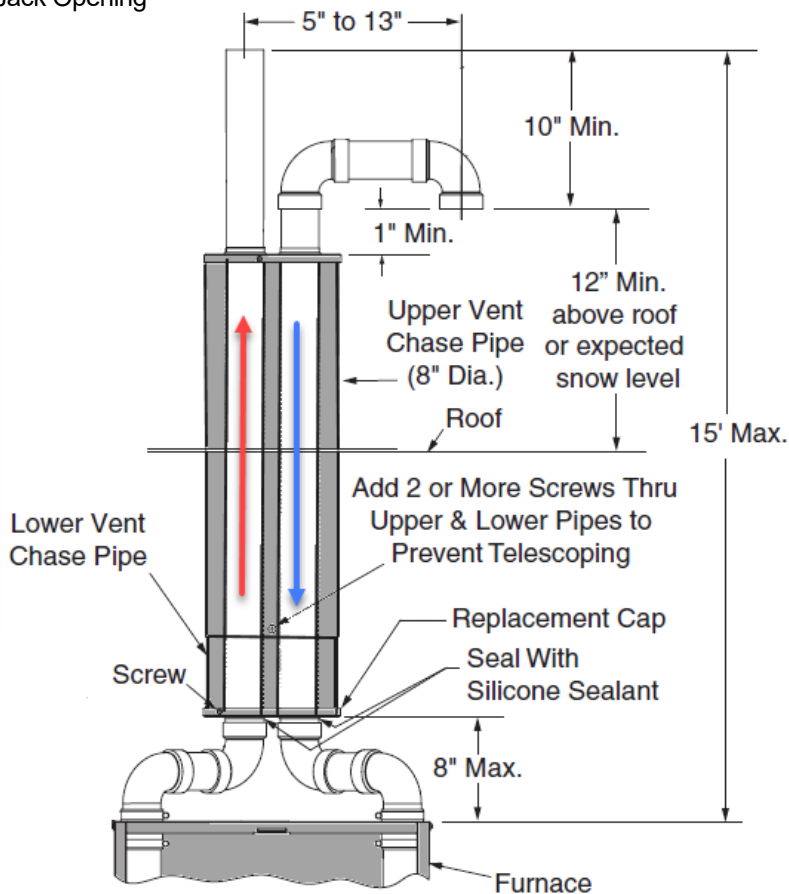
904952 – 2" Concentric for MG2R

904953 – 3" Concentric for MG2R



TRANSITION VENT KIT: Use with Existing Roof Jack Opening

904106 – 2" Transition Vent Kit for MG2R



MG2R-Series 95% AFUE Gas Furnaces NAT GAS Orifice Selection

NATURAL GAS ORIFICES: Use the following steps to determine appropriate orifice for installation altitude.

1. Consult Local Utility for "LOCAL HEATING VALUE" at installation site. Use "Local Heating Values" chart to determine if this value is considered "LOW" or "HIGH" based on installation altitude.
2. Use "Natural Gas – High Heating Value" or "Natural Gas – Low Heating Value" chart to determine appropriate orifice based on furnace model.

LOCAL HEATING VALUES FOR NATURAL GAS									
ALTITUDE ABOVE SEA LEVEL	BTU PER CUBIC FOOT								
	650	700	750	800	850	900	950	1,000	1,050
2,000 FT	LOW	LOW	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH
3,000 FT	LOW	LOW	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH
4,000 FT	LOW	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH
5,000 FT	LOW	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH
6,000 FT	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH	HIGH
7,000 FT	LOW	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH	HIGH
8,000 FT	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH
9,000 FT	LOW	LOW	LOW	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH
10,000 FT	LOW	LOW	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH

HIGH HEATING VALUE & MANIFOLD PRESSURE = 3.5 IN. W.C.			
ALTITUDE ABOVE SEA LEVEL	INPUT (BTU)		
	45,000	60,000	72,000
0 to 1,999 FT	49	45	47
2,000 to 2,999 FT	50	46	48
3,000 to 3,999 FT	50	46	48
4,000 to 4,999 FT	51	47	48
5,000 to 5,999 FT	51	47	49
6,000 to 6,999 FT	51	48	49
7,000 to 7,999 FT	52	48	50
8,000 to 8,999 FT	52	49	50
9,000 to 9,999 FT	52	49	50

LOW HEATING VALUE & MANIFOLD PRESSURE = 3.5 IN. W.C.			
ALTITUDE ABOVE SEA LEVEL	INPUT (BTU)		
	45,000	60,000	72,000
0 to 1,999 FT	49	45	47
2,000 to 2,999 FT	49	45	47
3,000 to 3,999 FT	49	45	47
4,000 to 4,999 FT	50	45	47
5,000 to 5,999 FT	50	45	47
6,000 to 6,999 FT	50	46	48
7,000 to 7,999 FT	51	47	48
8,000 to 8,999 FT	51	47	49
9,000 to 9,999 FT	51	48	49

ORIFICE PART NUMBERS:

661017R - #17	661018R - #18	661019R - #19	661020R - #20	661021R - #21
661022 - #22	662023R - #23	661024R - #24	661025R - #25	661026R - #26
661027 - #27	661028 - #28	661029R - #29	661030R - #30	661031 - #30
661035 - #35	661036R - #36	661037R - #37	661038 - #38	661040 - #40
661041R - #41	661042R - #42	661043R - #43	661044R - #44	661045R - #45
661046R - #46	661047R - #47	661048R - #48	661049R - #49	661050R - #50
661051R - #51	661052R - #52			



MG2R-Series 95% AFUE Gas Furnaces PROPANE Orifice Selection

PROPANE ORIFICES: Use the chart below to determine appropriate orifice based on model and installation altitude.

ORIFICES FOR PROPANE GAS MANIFOLD PRESSURE = 10 IN. W.C.			
ALTITUDE ABOVE SEA LEVEL	INPUT (BTU)		
	45,000	60,000	72,000
0 to 1,999 FT	57	55	56
2,000 to 2,999 FT	57	55	56
3,000 to 3,999 FT	57	55	56
4,000 to 4,999 FT	57	56	56
5,000 to 5,999 FT	58	56	56
6,000 to 6,999 FT	59	56	57
7,000 to 7,999 FT	59	56	57
8,000 to 8,999 FT	60	56	57
9,000 to 9,999 FT	61	57	57

ORIFICE PART NUMBERS:

661017R - #17	661018R - #18	661019R - #19	661020R - #20	661021R - #21
661022 - #22	662023R - #23	661024R - #24	661025R - #25	661026R - #26
661027 - #27	661028 - #28	661029R - #29	661030R - #30	661031 - #30
661035 - #35	661036R - #36	661037R - #37	661038 - #38	661040 - #40
661041R - #41	661042R - #42	661043R - #43	661044R - #44	661045R - #45
661046R - #46	661047R - #47	661048R - #48	661049R - #49	661050R - #50
661051R - #51	661052R - #52			

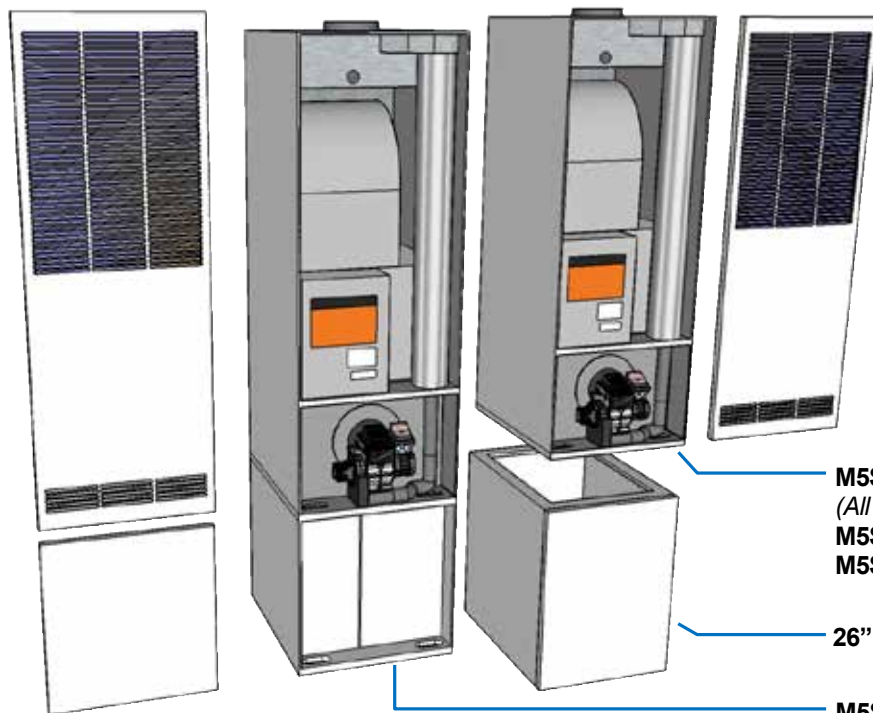


M5SB-Series 83% AFUE Oil Furnaces:

- **M5SB-***A-BW** Downflow w/ 20" Coil Cabinet
- **M5SB-***A-AW** Downflow NO CABINET

Louvered Door for M5SB (All)

Part # 903407



Louvered Door for M5SB (All)

Part # 903407

M5SB-*A-AW** Downflow with no coil cab
(All Have 3-Ton Blowers)

M5SB-066A-AW – 66KBtu Input

M5SB-086A-AW – 86KBtu Input

26" Coil Cabinet - Part # 922594

M5SB-*A-BW** Downflow w/ 20" Coil Cab
(All Have 3-Ton Blowers)

M5SB-066A-AW – 66KBtu Input

M5SB-086A-AW – 86KBtu Input

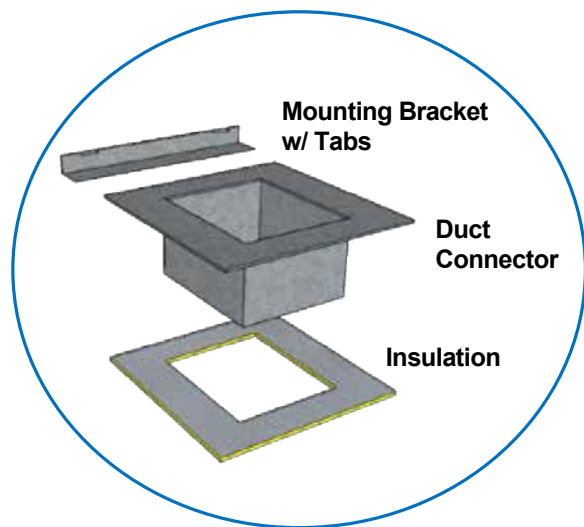
Solid Door for Coil Cab on M5SB-*A-BW ONLY**

Part # 903094

4-Ton and 5-Ton Blower Upgrade Kit (not shown)

903413 – 4T Upgrade Kit

903890 – 5T Upgrade Kit



**Mounting Bracket
w/ Tabs**

**Duct
Connector**

Insulation

Finger-Tab Duct Connectors

901988A 2" Duct Connector

901989A 4" Duct Connector

901990A 6" Duct Connector

901991A 8" Duct Connector

901992A 10.25" Duct Connector

Filter Sizes:

M5SB (All) - 19.5"x 28" Blue Hogs Hair Filter

****SEE NEXT PAGE FOR VENT PRODUCTS****

M5SB-Series 83% AFUE Oil Furnaces:

- **M5SB-***A-BW** Downflow w/ 20" Coil Cabinet
- **M5SB-***A-AW** Downflow NO CABINET

FLAT ROOF JACKS: Use alone or in combination with wedges below for pitched roofs

903658 – Flat Roof Jack 15" to 23"

903659 – Flat Roof Jack 21" to 35"

903550 – Flat Roof Jack 27" to 47"

PITCHED ROOF JACKS: Use alone or in combination with wedges below for higher pitch roofs

903664 – 2/12 Pitch Roof Jack 35" to 63"

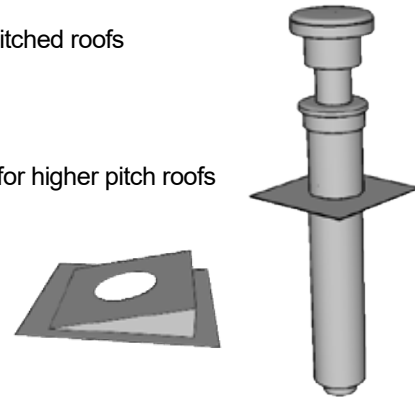
920368 – 2/12 Pitch Roof Jack 51" to 95"

ROOF WEDGES: Use in combination with Flat or Pitched Roof Jacks

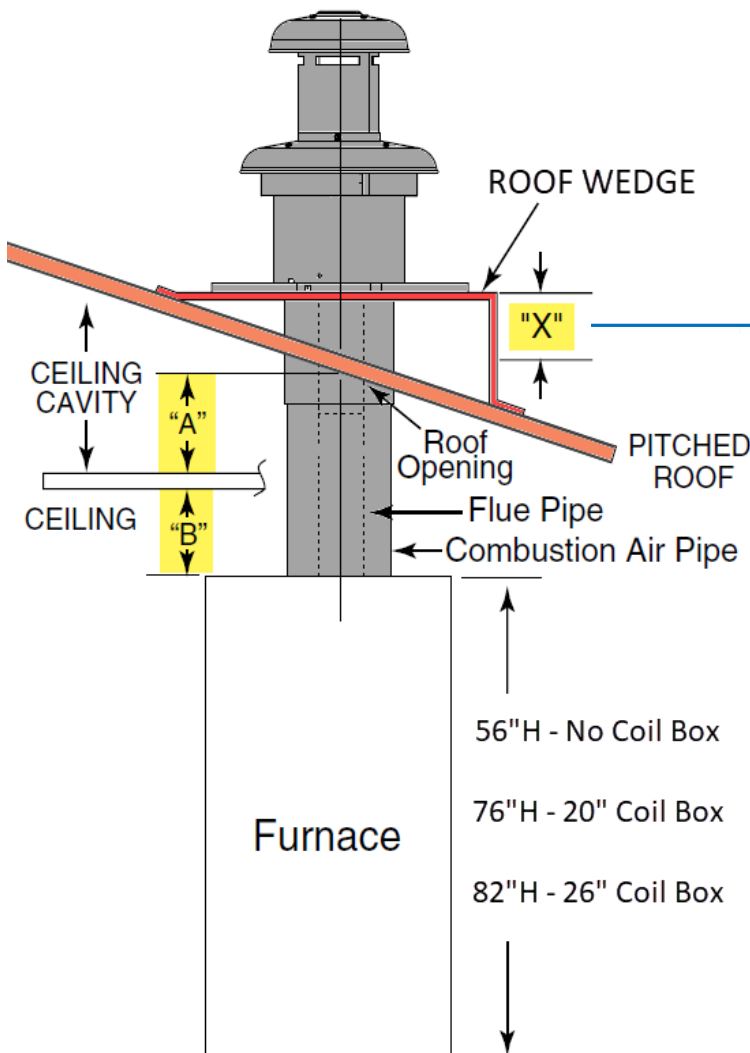
903893 – 2.5/12 Roof Wedge

903894 – 3/12 Roof Wedge

903895 – 4/12 Roof Wedge



TO SELECT ROOFJACK: A + B (+X IF PITCHED ROOF)



ROOF JACK SERIES	IF ROOF PITCH IS:	SLANT DECK FLASHING NUMBER	"X"
FLAT ROOF JACKS	2" in 12"	903893 (2.5/12)	2-1/8"
	2-1/2" in 12"	903893 (2.5/12)	2-1/2"
	3" in 12"	903894 (3/12)	2-7/8"
	3-1/2" in 12"	903894 (3/12)	3-1/4"
	4" in 12"	903895 (4/12)	3-5/8"
2.5/12" PITCH ROOF JACKS	4-1/2" in 12"	903895 (2.5/12)	2-1/8"
	5" in 12"	903895 (2.5/12)	2-1/2"
	5-1/2" in 12"	903894 (3/12)	2-7/8"
	6" in 12"	903894 (3/12)	3-1/4"
	6-1/2" in 12"	903895 (4/12)	3-5/8"

ROOFJACK ACCESSORIES:

902521 – Ceiling Ring for Roof Jacks

901937 – 16" Exterior Roof Jack Extension

901935 – 10" Interior Roof Jack Extension

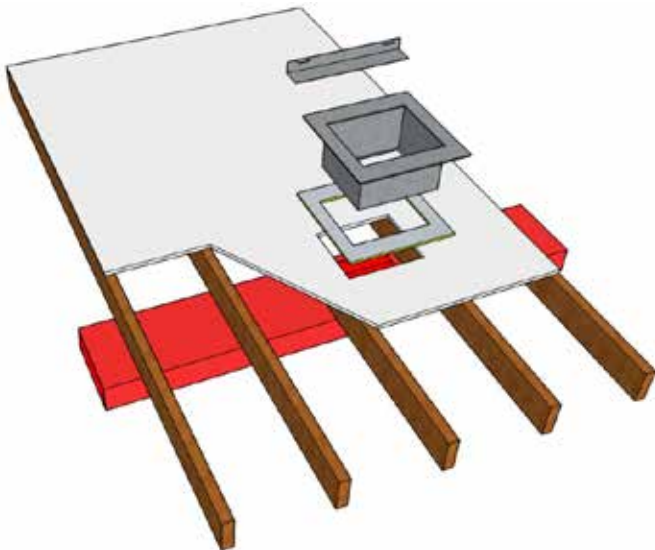
903107 – 18" interior Roof Jack Extension

DUCT CONNECTOR INSTALLATION DETAILS

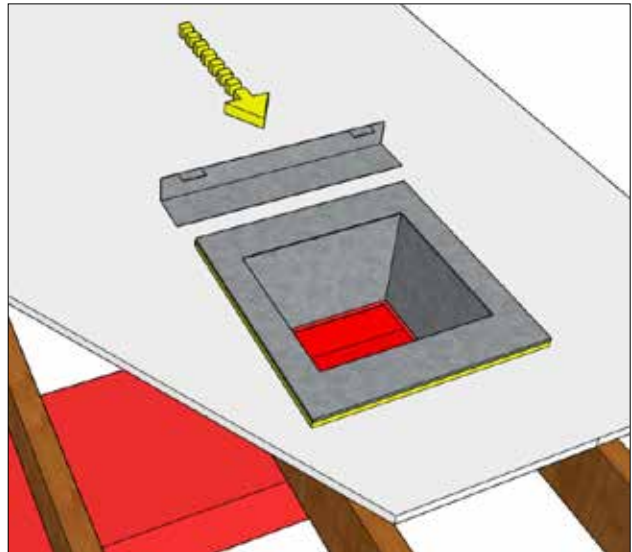
- E7-Series, MG1E-Series, MG2R-Series, and M5SB-Series



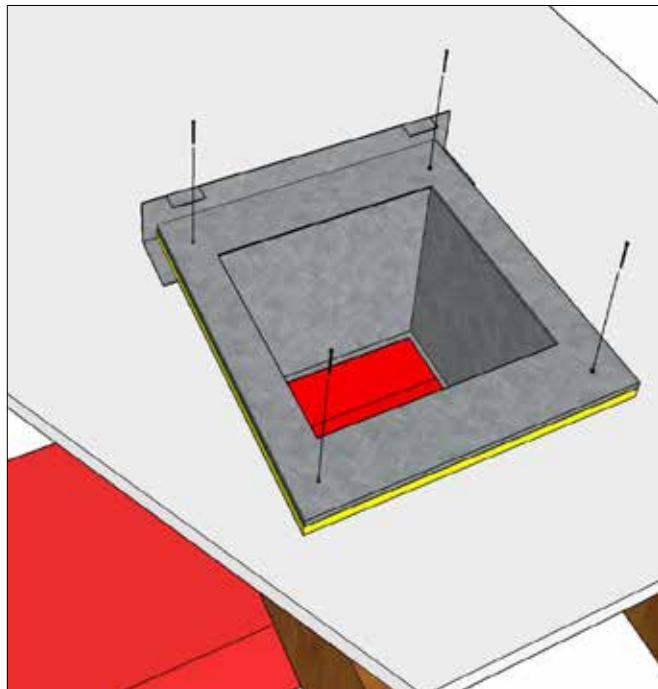
Step 1: Select duct connector based on distance/depth from finished floor to supply duct. Duct connector is lowered into hole through insulation ring. Corresponding hole is cut in supply duct to match duct connector finger/screw tabs.



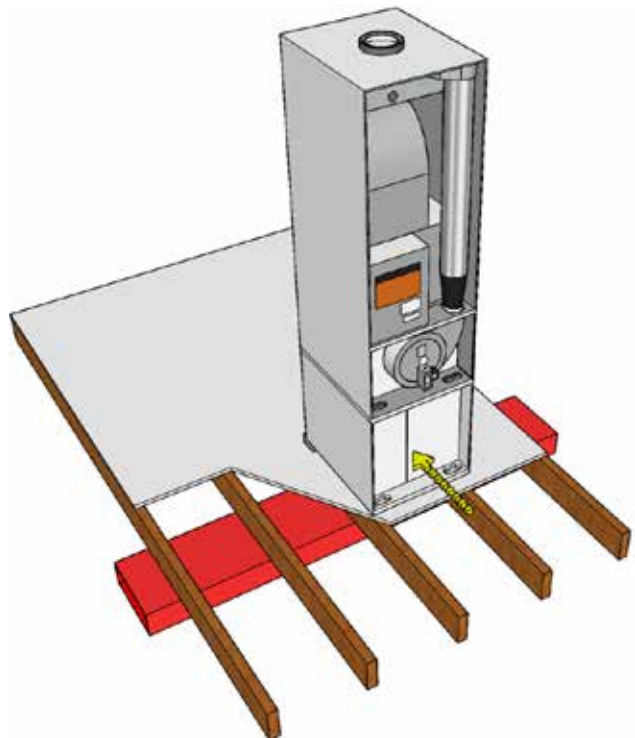
Step 2: Mounting bracket with tabs is slid underneath and centered side-to-side. Duct connector is then attached and sealed to supply duct using industry-approved methods – see furnace installation manual for more details.



Step 3: Duct connector is then attached to the floor using appropriate screws, flat-head nails, or staples.



Step 4: Furnace is slid back to against mounting bracket and secured to floor using methods detailed in install manual.



CMH Series

SPECIFICATIONS

- Rifled copper tubing, enhanced aluminum fins
- Immersion-tested at 500 psi, then nitrogen-pressurized and sealed
- Left-hand refrigerant and plumbing connections
- Externally mounted flowrater body with Schrader valve
- Heavy duty plastic drain pans on all models
- AHRI certifiable with certain brands of A/C and heat pump systems
- UL listed for use with both R-22 and R-410a when proper metering device is used

For additional and extended OEM ratings,
please visit www.marsdeliversratings.com
or AHRI.directory.org

Line-Set Connection Size

1-1/2 - 3 Ton	3/8" x 3/4"
3-1/2 - 5 Ton	3/8" x 7/8"

Comfort-Aire
Century

MANUFACTURED HOUSING COILS



*Representative drawing only.
Some models may vary in appearance.*

TXV for 1.5 - 2.5 Ton H4TXV01

TXV for 3 - 4 Ton H4TXV02

TXV for 5 Ton H4TXV03



Warranty—6 years on parts, 10 years when installed
as a part of a residential AHRI matched system
(Some limitations apply; see printed warranty for details.)
www.marsdelivers.com

A/C MATCHES

COMFORT-AIRE/CENTURY A/C MATCHES		SEER	EER	CAPACITY	HSPF	TXV
OUTDOOR MODEL	COIL MODEL					
RSG1318S1M	CMH18/36PM1M	13.00	11.00	17600	N/A	N/A
RSG1324S1M	CMH18/36PM1M	13.00	11.00	22800	N/A	N/A
RSG1330S1M	CMH18/36PM1M	13.00	11.00	28000	N/A	N/A
RSG1336S1M	CMH18/36PM1M+TXV	13.00	10.00	33400	N/A	H4TXV02
RSG1342S1M	CMH42/48PM1M	13.00	10.50	39000	N/A	N/A
RSG1348S1M	CMH42/48PM1M	13.00	10.00	44000	N/A	N/A
RSG1348S1M	*CMH48/60PM1M	13	11.00	47000	N/A	N/A
RSG1348S1M	*CMH48/60PM2M	13	11.00	47000	N/A	N/A
RSG1360S1M	*CMH48/60PM1M	13	10.50	57000	N/A	N/A
RSG1360S1M	*CMH48/60PM2M	13	10.50	57000	N/A	N/A
RSG1418S1M	CMH18/36PM1M	14.00	12.20	18000	N/A	N/A
RSG1424S1M	CMH18/36PM1M	14.00	12.20	23000	N/A	N/A
RSG1430S1M	CMH36PM2M	14.00	12.20	28000	N/A	N/A
RSG1436S1M	CMH36PM2M	14.00	12.20	34000	N/A	N/A
RSG1418S1P	CMH18/36PM1M+TXV+TD	14	12.2	18000	N/A	H4TXV01
RSG1424S1P	CMH24/30PM1M+TD	14	12.2	23000	N/A	H4TXV01
RSG1424S1P	CMH24/30PM1M+TXV+TD	14.5	12.2	23000	N/A	H4TXV01
RSG1424S1P	CMH18/36PM1M+TD	14	12.2	23000	N/A	H4TXV01
RSG1424S1P	CMH18/36PM1M+TXV+TD	14.5	12.2	23000	N/A	H4TXV01
RSG1430S1P	CMH24/30PM1M+TXV+TD	14	12.2	28000	N/A	H4TXV01
RSG1430S1P	CMH36PM2M+TXV+TD	14.5	12.2	28000	N/A	H4TXV01
RSG1430S1P	CMH18/36PM1M+TXV+TD	14	12.2	28000	N/A	H4TXV01
RSG1436S1P	CMH36PM2M+TXV+TD	14.5	12.2	34000	N/A	H4TXV02
RSG1442S1P	*CMH42/48PM2M+TXV+TD	14	12.2	40000	N/A	H4TXV02
RSG1448S1P	*CMH48PM2M+TXV+TD	14	12	45500	N/A	H4TXV02
RSG1448S1P	*CMH48/60PM1M+TXV	14.00	12.20	46000	N/A	H4TXV02
RSG1448S1P	*CMH48/60PM2M+TXV	14.00	12.00	45500	N/A	H4TXV02
RSG1460S1P	*CMH48/60PM1M+TXV	14.00	11.70	57500	N/A	H4TXV03
RSG1648S1M	*CMH48/60PM1M+TXV	14.50	11.70	47000	N/A	H4TXV02
RSG1648S1M	*CMH48/60PM2M+TXV	14.50	11.70	46500	N/A	H4TXV02
RSG1660S1M	*CMH48/60PM1M+TXV	14.50	12.20	55000	N/A	H4TXV03
RSG1660S1M	*CMH48/60PM2M+TXV	14.00	12.20	55000	N/A	H4TXV03

*(In reference to coil model number) NOTE: 21" or taller coils can only be used with the following equipment combinations -

Nortek Style:

E7-Series Electric Furnaces (All Models)

MG1E/MG2R/M5SB with 922594 26" Coil Box (NOT FOR STANDARD 20" COIL BOX)

JCI Style:

EBE-Series Electric Furnaces with 3500-8602 Cabinet Extension

HP MATCHES

COMFORT-AIRE/CENTURY HP MATCHES		SEER	EER	CAPACITY	HSPF	TXV
OUTDOOR MODEL	COIL MODEL					
HRG1418S1M	CMH18/36PM1M + TXV	14	12.2	18000	8.2	H4TXV01
HRG1424S1M	CMH24/30PM1M	14	12	23400	8.2	N/A
HRG1430S1M	CMH24/30PM1M + TXV	14	12	28600	8.2	H4TXV01
HRG1436S1M	CMH36PM2M + TXV	14	12.2	34000	8.2	H4TXV02
HRG1442S1M	*CMH48PM2M + TXV	14	11	40000	8.5	H4TXV02
HRG1418S1P	CMH18/36PM1M + TXV + TD	14	12.2	15700	8.2	H4TXV01
HRG1424S1P	CMH18/36PM1M + TXV + TD	14	12.2	18000	8.5	H4TXV01
HRG1424S1P	CMH24/30PM1M + TXV + TD	14	12.2	20600	8.5	H4TXV01
HRG1430S1P	CMH18/36PM1M + TXV + TD	14	12	26400	8.5	H4TXV01
HRG1430S1P	CMH24/30PM1M + TXV + TD	14	12	26400	8.5	H4TXV01
HRG1436S1P	CMH36PM2M + TXV + TD	14	11.7	30200	8.2	H4TXV02
HRG1442S1P	CMH42/48PM2M + TXV + TD	14.5	12	37400	8.5	H4TXV02
HRG1448S1P	*CMH48PM2M + TXV + TD	15	12.2	40000	8.2	H4TXV02
HRG1448S1P	*CMH48/60PM1M + TXV	14.50	12.20	48000	8.20	H4TXV02
HRG1448S1P	*CMH48/60PM2M + TXV	14.50	12.20	48000	8.20	H4TXV02
HRG1460S1P	*CMH48/60PM2M + TXV	14.00	11.70	57500	8.20	H4TXV03
HRG1448S1P	*CMH48/60PM1M + TXV	14.00	11.50	47000	9.00	H4TXV02
HRG1648S1P	*CMH48/60PM2M + TXV	14.00	11.50	47000	9.00	H4TXV02
HRG1660S1P	*CMH48/60PM1M + TXV	14.50	11.50	57000	8.20	H4TXV03
HRG1660S1P	*CMH48/60PM2M + TXV	14.00	11.50	57000	8.20	H4TXV03
HRG1860S1P + TSTAT	*CMH48/60PM2M + TXV	14.00	11.50	45000	8.20	H4TXV03

*(In reference to coil model number) NOTE: 21" or taller coils can only be used with the following equipment combinations -

Nortek Style:

E7-Series Electric Furnaces (All Models)

MG1E/MG2R/M5SB with 922594 26" Coil Box (NOT FOR STANDARD 20" COIL BOX)

JCI Style:

EBE-Series Electric Furnaces with 3500-8602 Cabinet Extension



For additional and extended OEM ratings,
please visit www.marsdeliversratings.com
or AHRIdirectory.org

CMH Series

DIMENSIONS

Coil Model	Nominal Tonnage	Dimensions			Weight	Pallet Qty	R-22 Piston
		Pan Widths (W)"	Pan Depth (D)"	Coil Height (H)"			
CMH18/36PM1M	1.5 - 3	18"	19-1/2"	17"	32	8	0.067
CMH24/30PM1M	2 - 2.5	18"	19-1/2"	19"	35	8	0.059
CMH36PM2M	2.5 - 3	18"	19-1/2"	19"	45	8	0.067
CMH42/48PM1M	3.5 - 4	18"	19-1/2"	19"	35	8	0.076
CMH42/48PM2M	3.5 - 4	18"	19-1/2"	19"	45	8	0.076
CMH48PM2M	3.5 - 4	18"	19-1/2"	*21"	48	4	0.076
CMH48/60PM1M	4 - 5	18"	19-1/2"	*25"	46	4	0.093
CMH48/60PM2M	4 - 5	18"	19-1/2"	*23"	49	4	0.093

*(In reference to coil model number) NOTE: 21" or taller coils can only be used with the following equipment combinations -

Nortek Style:

E7-Series Electric Furnaces (All Models)
MG1E/MG2R/M5SB with 922594 26" Coil Box (NOT FOR STANDARD 20" COIL BOX)

JCI Style:

EBE-Series Electric Furnaces with 3500-8602 Cabinet Extension

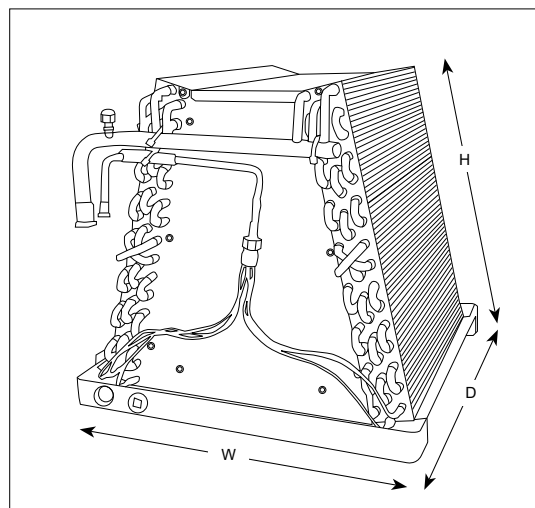
SERVICE COIL DIMENSIONS

Coil Model	Nominal Tonnage	Dimensions			Weight	Pallet Qty	R-22 Piston
		Pan Widths (W)"	Pan Depth (D)"	Coil Height (H)"			
CMH18/24PM3M	1.5 - 2	18"	19.5"	11"	22	8	0.053
CMH36PM3M	3	18"	19.5"	15"	28	8	0.073
CMH42/60PM3M	3.5 - 5	18"	19.5"	19"	45	8	*0.093

Coils are shipped with R-410A pistons already installed. *Same Piston is used for R-22 and R-410A
These are Replacement Service Coils "Only" and are not RATED. For Manufactured Housing Use Only

PISTONS

Description	Piston Size	Part Number	Tonnage Outdoor Unit
R-22 Pistons	41	176799941	12
	53	176799953	18
	59	176799959	24
	67	176799967	30
	73	176799973	36
	80	176799980	42
	84	176799984	48
R-410A Pistons	93	176799993	60
	41	176799941	12
	49	176799949	18
	53	176799953	24
	59	176799959	30
	67	176799967	36
	73	176799973	42
	76	176799976	48
	93	176799993	60



Nortek-Style Manufactured Housing Furnaces



Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations. Third party incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."

SP-1M 12/21 MH-NGUIDE

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