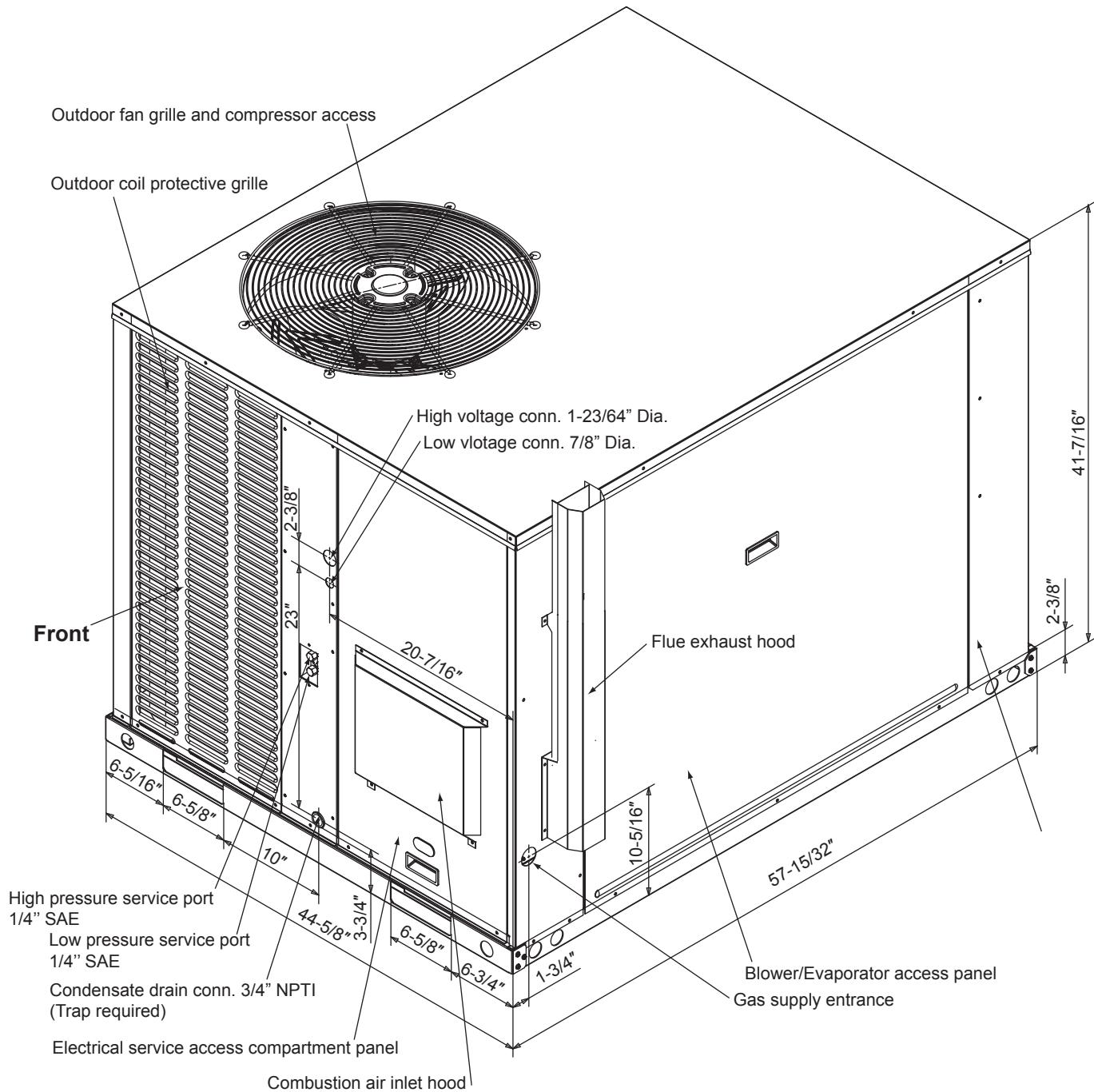
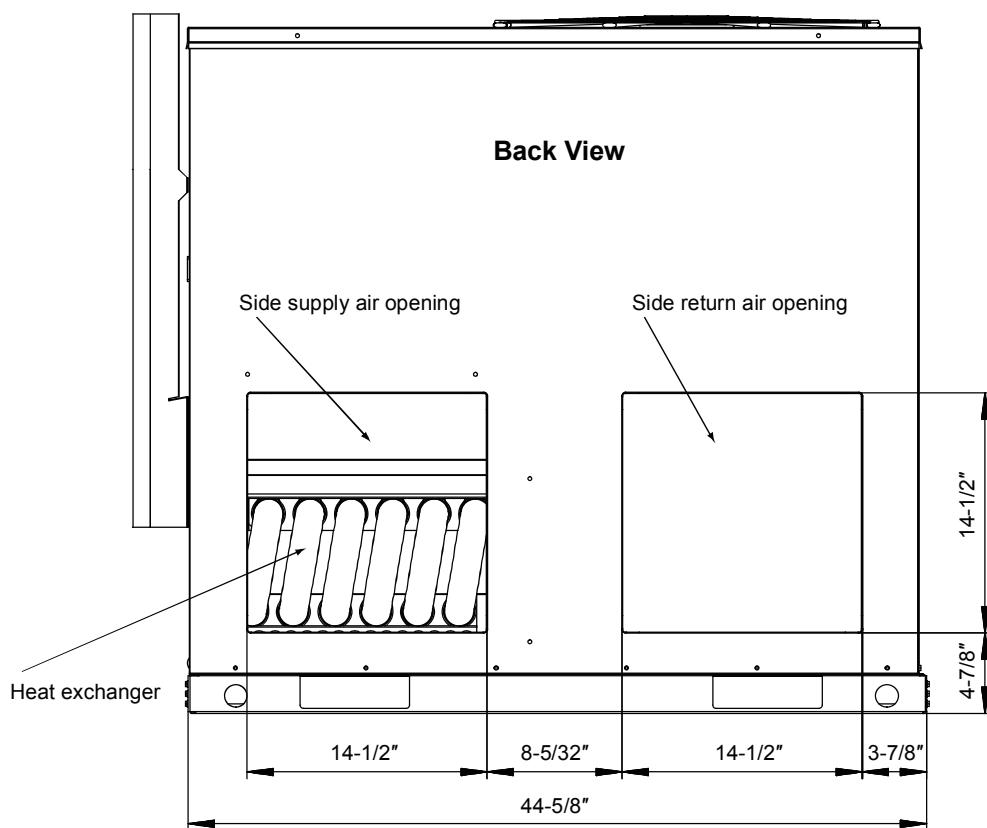
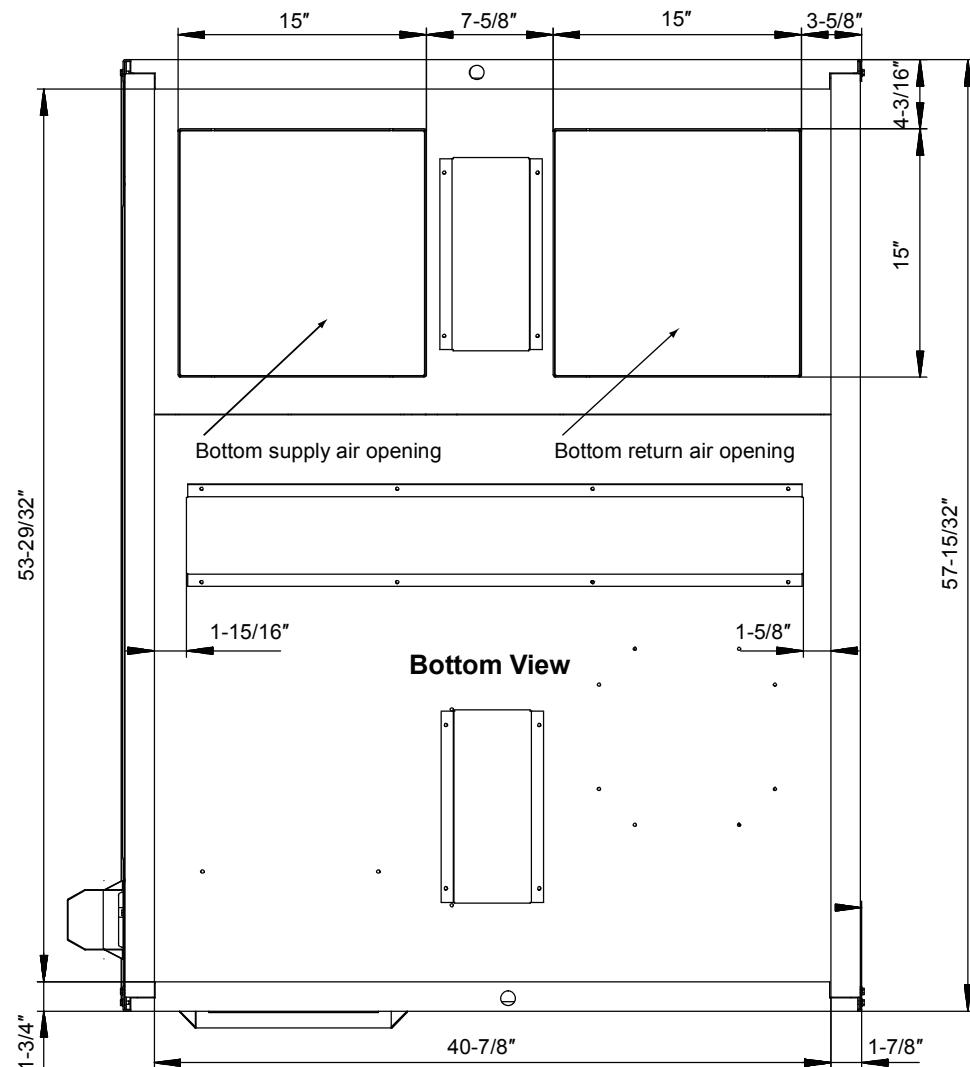


TAG: \_\_\_\_\_

## SUBMITTAL

2.0 Ton  
High-Efficiency Gas Package Unit  
M4PG4024A1060A





**Dimensions Back and Bottom**

## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PG4024A1060A		EVAPORATOR FAN	
POWER CONNS. - V/PH/HZ	208/230/1/60		DRIVE- NO. SPEEDS	DIRECT - 4
MIN. BRCH. CIR. AMPACITY	12.6		CFM VS. IN. WG.	See Fan Performance Table
BR. CIR. PROT. RTG. - MAX. (AMPS)	20		MOTOR HP	1/3
SOUND POWER LEVEL [dB(A)]	67		MOTOR SPEED R.P.M.	1075
GAS HEATING PERFORMANCE				
HEATING INPUT (Btu)	60,000		VOLTS/PH/HZ	208/230/1/60
HEATING OUTPUT (Btu)	48,600		F.L. AMPS	2.0
TEMP. RISE RANGE (°F)	35-65		EVAPORATOR COIL	
AFUE (%)	81		ROWS- F.P.I.	3 - 14
GAS CONNS. PIPE SIZE	1/2		FACE AREA (SQ. FT.)	4.35
COMPRESSOR	ROTARY		TUBE SIZE (IN.)	3/8
NO. USED- NO. SPEEDS	1-1		REFRIGERANT CONTROL	ORIFICE
VOLTS/PH/HZ	208/230/1/60		REFRIGERANT	
R.L. AMPS- L.R. AMPS	8.8 - 34.8		LBS. - R-410	3 LBS. - 12 OZ.
CONDENSER FAN				
DIA. (IN.)	22		DIMENSIONS	D X H X W
TYPE DRIVE- NO. SPEEDS	DIRECT - 1		CRATED (IN.)	46-5/8X43-7/16X59-7/16
MOTOR HP	1/12		WEIGHT	
MOTOR SPEED R.P.M.	1075		SHIPPING (LBS.)	500
VOLTS/PH/HZ	208/230/1/60		NET (LBS.)	481
F.L. AMPS	0.67			
CONDENSER COIL	PLATE FIN			
ROWS- F.P.I.	1 - /			
FACE AREA (SQ. FT.)	17.7			
TUBE SIZE (IN.)	9/32			

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE									
	M4PG4024A1060A									
	External Static Pressure-Inches W.C.									
		0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Low	CFM	647	587	529	474	386	344	-	-	-
Middle-Low	CFM	906	848	794	737	681	621	555	441	384
Middle-High	CFM	1008	958	909	864	798	729	661	509	455
High	CFM	1229	1162	1105	1038	983	910	828	747	651

# Features

---

- Single-stage gas (LP conversion kit provided with each unit) heating
- Bottom or side air return
- Aluminized steel tubular heat exchanger
- Quiet multi-speed circulation blower
- Direct spark ignition
- AHRI certified and ETL listed



# Ameristar

The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.



# Certificate of Product Ratings

AHRI Certified Reference Number: 8162863

Date: 10/18/2016

Product: Single-Package Air-Conditioner, Air-Cooled

Model Number: M4PG4024A1060AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Region: All (AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WV, WI, WY, U.S. Territories)

**Region Note:** Central air conditioners manufactured prior to January 1, 2015, are eligible to be installed in all regions until June 30, 2016. Beginning July 1, 2016, central air conditioners can only be installed in region(s) for which they meet the regional efficiency requirement.

Series name:

Manufacturer responsible for the rating of this system combination is INGERSOLL RAND COMPANY

Rated as follows in accordance with AHRI Standard 210/240-2008 for Unitary Air-Conditioning and Air-Source Heat Pump Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (Btuh): 22800

EER Rating (Cooling): 11.00

SEER Rating (Cooling): 14.00

IEER Rating (Cooling):

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

CERTIFICATE NO.:

131212381271918623



# Certificate of Product Ratings

AHRI Certified Reference Number: 8162856

Date: 10/18/2016

Product: Residential Furnace Heating Equipment

Model Number: M4PG4024A1060AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Rated as follows in accordance with Department of Energy (DOE) furnace test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 430 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

AFUE: 81.0%

Output Heating Capacity: 49 MBTUH

The following data is for reference only and is not certified by AHRI:

Input: 60 MBTUH

Ef: 78.6 MMBTU/yr

Eae: 279 kWh/yr

PE: 82 Watts

Furnace Type: Weatherized

Config: Downflow,Horizontal

Fuel Type: Natural Gas,Propane Gas

Advanced Main Air Circulating Fan  
"e" Electrically Efficient Furnace

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

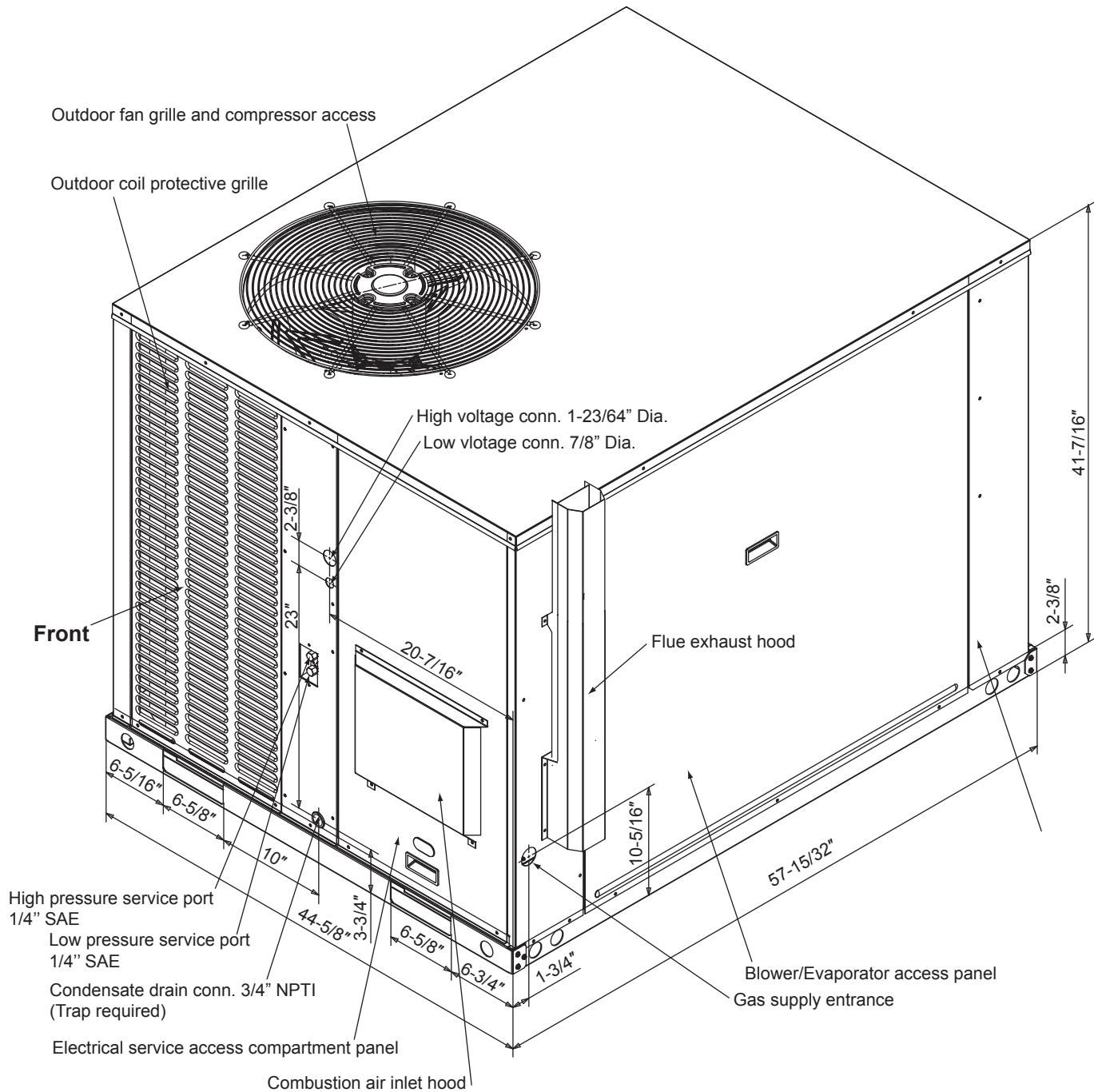
CERTIFICATE NO.:

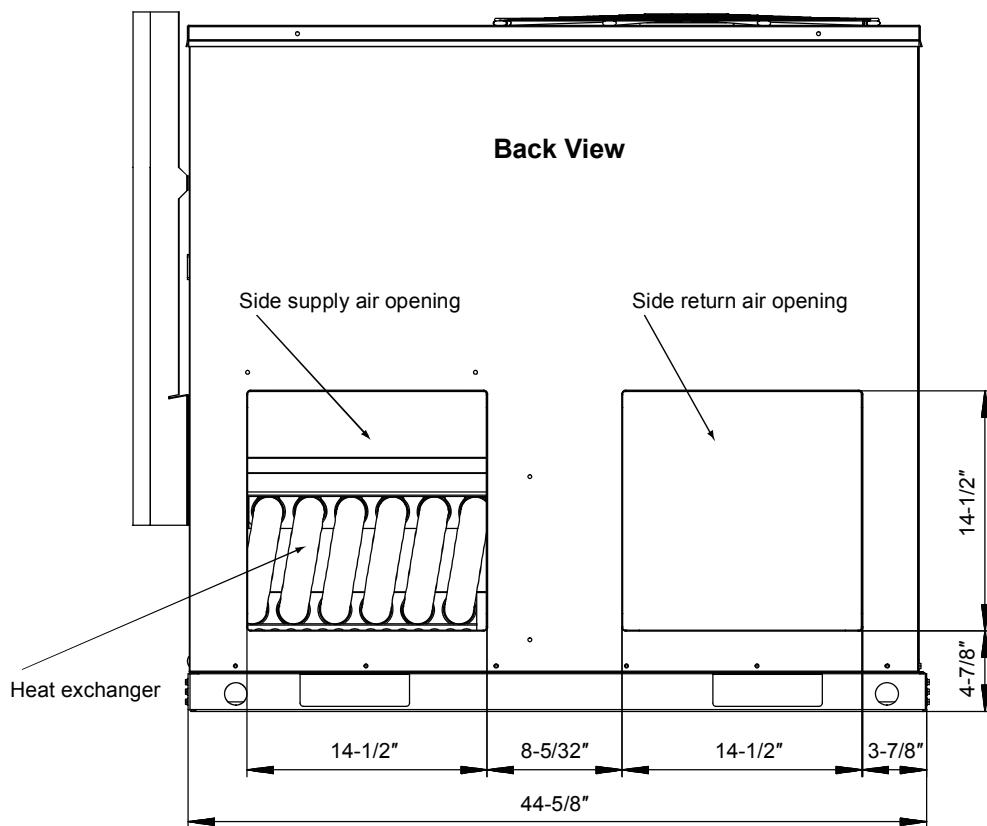
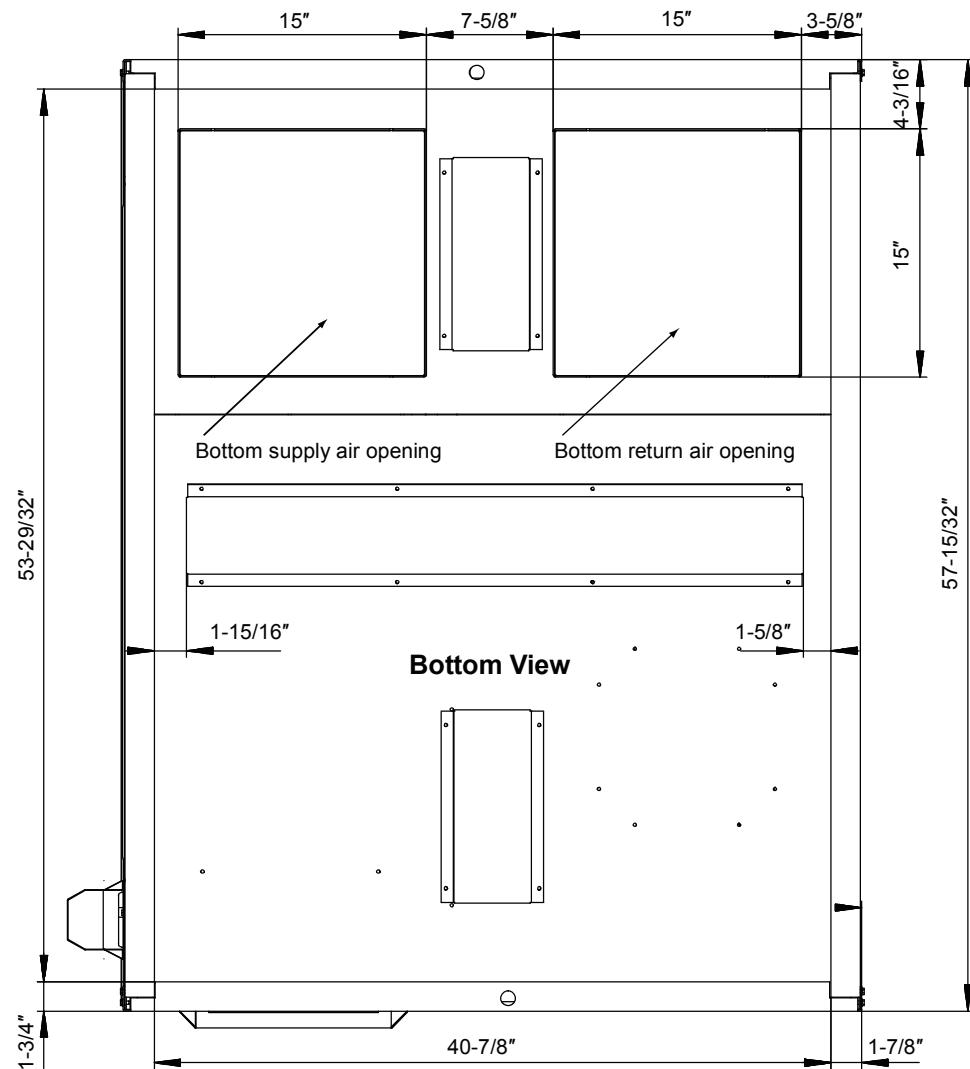
131212382884336198

TAG: \_\_\_\_\_

## SUBMITTAL

2.5 Ton  
High-Efficiency Gas Package Unit  
M4PG4030A1060A





**Dimensions Back and Bottom**

## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PG4030A1060A		EVAPORATOR FAN	
POWER CONNS. - V/PH/HZ	208/230/1/60		DRIVE- NO. SPEEDS	DIRECT - 4
MIN. BRCH. CIR. AMPACITY	15.4		CFM VS. IN. WG.	See Fan Performance Table
BR. CIR. PROT. RTG. - MAX. (AMPS)	25		MOTOR HP	1/2
SOUND POWER LEVEL[dB(A)]	72		MOTOR SPEED R.P.M.	1075
<b>GAS HEATING PERFORMANCE</b>				
HEATING INPUT (Btu)	60,000		VOLTS/PH/HZ	208/230/1/60
HEATING OUTPUT (Btu)	48,600		F.L. AMPS	2.2
TEMP. RISE RANGE (°F)	25-55		EVAPORATOR COIL	
AFUE (%)	81		ROWS- F.P.I.	3 - 14
GAS CONNS. PIPE SIZE	1/2		FACE AREA (SQ. FT.)	6.53
COMPRESSOR	ROTARY		TUBE SIZE (IN.)	3/8
NO. USED- NO. SPEEDS	1-1		REFRIGERANT CONTROL	ORIFICE
VOLTS/PH/HZ	208/230/1/60		REFRIGERANT	
R.L. AMPS- L.R. AMPS	10.3 - 60		LBS. - R-410	4 LBS. - 1 OZ.
<b>CONDENSER FAN</b>				
DIA. (IN.)	22		DIMENSIONS	D X H X W
TYPE DRIVE- NO. SPEEDS	DIRECT - 1		CRATED (IN.)	46-5/8X43-7/16X59-7/16
MOTOR HP	1/6		WEIGHT	
MOTOR SPEED R.P.M.	845		SHIPPING (LBS.)	520
VOLTS/PH/HZ	208/230/1/60		NET (LBS.)	500
F.L. AMPS	0.94			
CONDENSER COIL	PLATE FIN			
ROWS- F.P.I.	1 - /			
FACE AREA (SQ. FT.)	17.7			
TUBE SIZE (IN.)	9/32			

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE									
	M4PG4030A1060A									
	External Static Pressure-Inches W.C.									
		0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Low	CFM	917	859	806	753	694	637	575	488	415
Middle-Low	CFM	1190	1117	1049	980	910	835	752	663	531
Middle-High	CFM	1306	1226	1153	1083	1005	926	839	738	666
High	CFM	1366	1295	1217	1133	1055	974	884	793	689

# Features

---

- Single-stage gas (LP conversion kit provided with each unit) heating.
- Bottom or side air return.
- Aluminized steel tubular heat exchanger.
- Quiet multi-speed circulation blower.
- Direct spark ignition
- AHRI certified and ETL listed.



# Ameristar

The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.



# Certificate of Product Ratings

AHRI Certified Reference Number: 8162864

Date: 10/18/2016

Product: Single-Package Air-Conditioner, Air-Cooled

Model Number: M4PG4030A1060AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Region: All (AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WV, WI, WY, U.S. Territories)

**Region Note:** Central air conditioners manufactured prior to January 1, 2015, are eligible to be installed in all regions until June 30, 2016. Beginning July 1, 2016, central air conditioners can only be installed in region(s) for which they meet the regional efficiency requirement.

Series name:

Manufacturer responsible for the rating of this system combination is INGERSOLL RAND COMPANY

Rated as follows in accordance with AHRI Standard 210/240-2008 for Unitary Air-Conditioning and Air-Source Heat Pump Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (Btuh): 28600

EER Rating (Cooling): 11.00

SEER Rating (Cooling): 14.00

IEER Rating (Cooling):

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

CERTIFICATE NO.:

131212381342899078



# Certificate of Product Ratings

AHRI Certified Reference Number: 8162857

Date: 10/18/2016

Product: Residential Furnace Heating Equipment

Model Number: M4PG4030A1060AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Rated as follows in accordance with Department of Energy (DOE) furnace test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 430 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

AFUE: 81.0%

Output Heating Capacity: 49 MBTUH

The following data is for reference only and is not certified by AHRI:

Input: 60 MBTUH

Ef: 78.5 MMBTU/yr

Eae: 286 kWh/yr

PE: 82 Watts

Furnace Type: Weatherized

Config: Downflow,Horizontal

Fuel Type: Natural Gas,Propane Gas

Advanced Main Air Circulating Fan  
"e" Electrically Efficient Furnace

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

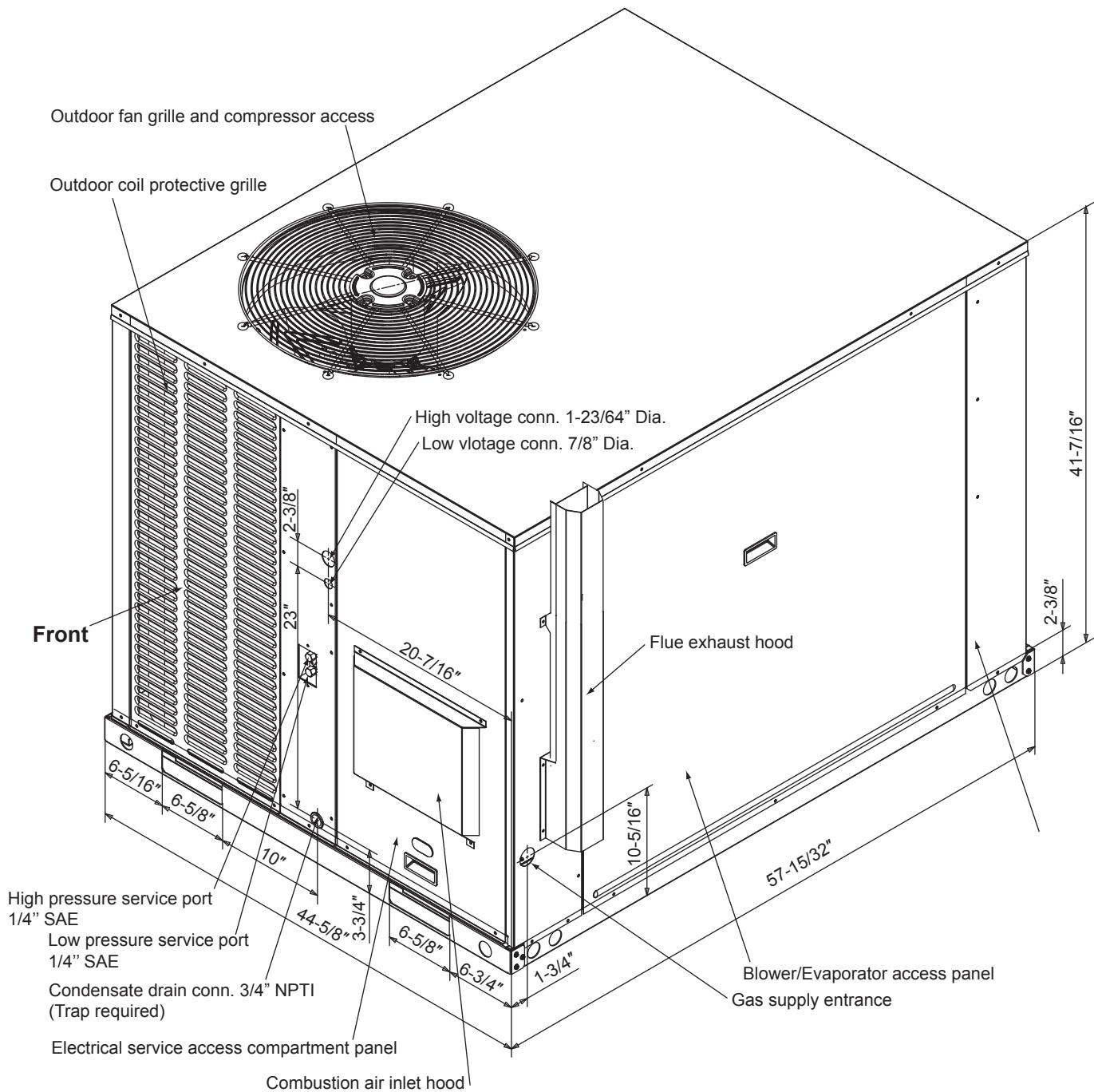
CERTIFICATE NO.:

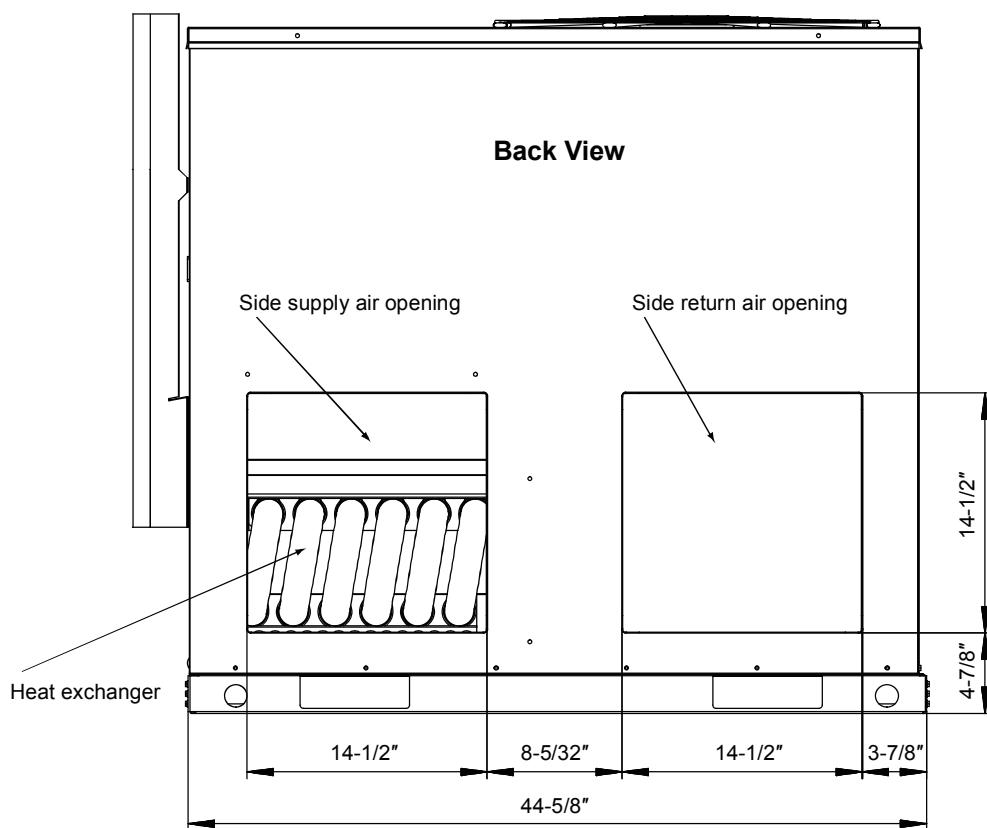
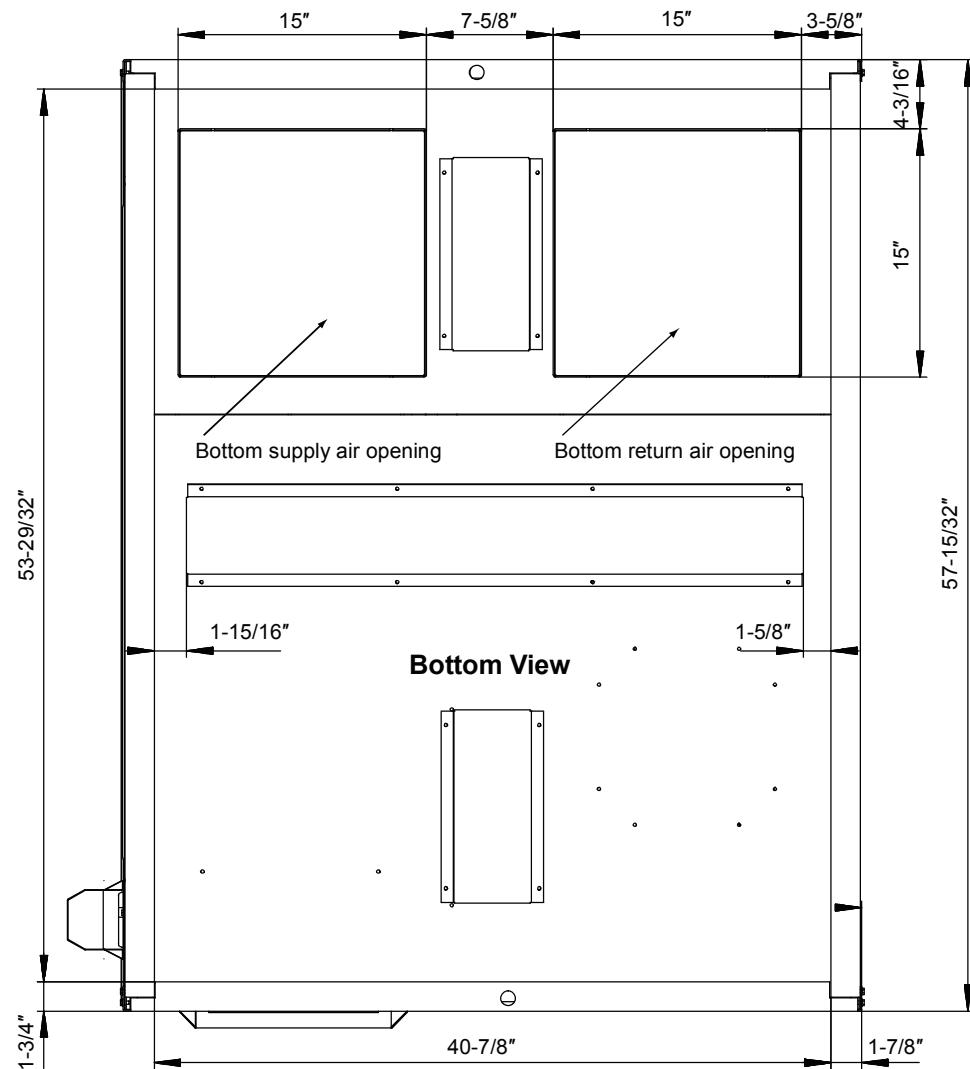
131212382964988198

TAG: \_\_\_\_\_

# SUBMITTAL

3.0 Ton  
High-Efficiency Gas Package Unit  
M4PG4036A1090A





**Dimensions Back and Bottom**

## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PG4036A1090A	EVAPORATOR FAN	
POWER CONNS. - V/PH/HZ	208/230/1/60	DRIVE- NO. SPEEDS	DIRECT - 4
MIN. BRCH. CIR. AMPACITY	22.2	CFM VS. IN. WG.	See Fan Performance Table
BR. CIR. PROT. RTG. - MAX. (AMPS)	35	MOTOR HP	3/4
SOUND POWER LEVEL[dB(A)]	71	MOTOR SPEED R.P.M.	1075
GAS HEATING PERFORMANCE			
HEATING INPUT (Btu)	90,000	VOLTS/PH/HZ	208/230/1/60
HEATING OUTPUT (Btu)	72,900	F.L. AMPS	3.5
TEMP. RISE RANGE (°F)	25-55	EVAPORATOR COIL	
AFUE (%)	81	ROWS- F.P.I.	3 - 14
GAS CONNS. PIPE SIZE	1/2	FACE AREA (SQ. FT.)	6.53
COMPRESSOR	SCROLL	TUBE SIZE (IN.)	3/8
NO. USED- NO. SPEEDS	1-1	REFRIGERANT CONTROL	ORIFICE
VOLTS/PH/HZ	208/230/1/60	REFRIGERANT	
R.L. AMPS- L.R. AMPS	15.3 - 70.0	LBS. - R-410	4 LBS. - 7 OZ.
CONDENSER FAN			
DIA. (IN.)	22	DIMENSIONS	D X H X W
TYPE DRIVE- NO. SPEEDS	DIRECT - 1	CRATED (IN.)	46-5/8X43-7/16X59-7/16
MOTOR HP	1/6	WEIGHT	
MOTOR SPEED R.P.M.	845	SHIPPING (LBS.)	551
VOLTS/PH/HZ	208/230/1/60	NET (LBS.)	531
F.L. AMPS	0.94		
CONDENSER COIL	PLATE FIN		
ROWS- F.P.I.	1 - /		
FACE AREA (SQ. FT.)	17.7		
TUBE SIZE (IN.)	9/32		

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE									
	M4PG4036A1090A									
	External Static Pressure-Inches W.C.									
		0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Low	CFM	1034	982	932	885	838	786	731	651	
Middle-Low	CFM	1401	1339	1283	1223	1164	1100	1035	968	888
Middle-High	CFM	1535	1465	1402	1343	1277	1216	1145	1072	996
High	CFM	1662	1588	1516	1453	1383	1369	1249	1170	1087

# Features

---

- Single-stage gas (LP conversion kit provided with each unit) heating.
- Bottom or side air return.
- Aluminized steel tubular heat exchanger.
- Quiet multi-speed circulation blower.
- Direct spark ignition
- AHRI certified and ETL listed.



# Ameristar

The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.



# Certificate of Product Ratings

AHRI Certified Reference Number: 8162865

Date: 10/18/2016

Product: Single-Package Air-Conditioner, Air-Cooled

Model Number: M4PG4036A1090AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Region: All (AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WV, WI, WY, U.S. Territories)

**Region Note:** Central air conditioners manufactured prior to January 1, 2015, are eligible to be installed in all regions until June 30, 2016. Beginning July 1, 2016, central air conditioners can only be installed in region(s) for which they meet the regional efficiency requirement.

Series name:

Manufacturer responsible for the rating of this system combination is INGERSOLL RAND COMPANY

Rated as follows in accordance with AHRI Standard 210/240-2008 for Unitary Air-Conditioning and Air-Source Heat Pump Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (Btuh):	35000
EER Rating (Cooling):	11.00
SEER Rating (Cooling):	14.00
IEER Rating (Cooling):	

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute

CERTIFICATE NO.:

131212381924936198



we make life better™



# Certificate of Product Ratings

AHRI Certified Reference Number: 8162858

Date: 10/18/2016

Product: Residential Furnace Heating Equipment

Model Number: M4PG4036A1090AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Rated as follows in accordance with Department of Energy (DOE) furnace test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 430 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

AFUE: 81.0%

Output Heating Capacity: 73 MBTUH

The following data is for reference only and is not certified by AHRI:

Input: 90 MBTUH

Ef: 77.2 MMBTU/yr

Eae: 650 kWh/yr

PE: 82 Watts

Furnace Type: Weatherized

Config: Downflow,Horizontal

Fuel Type: Natural Gas,Propane Gas

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

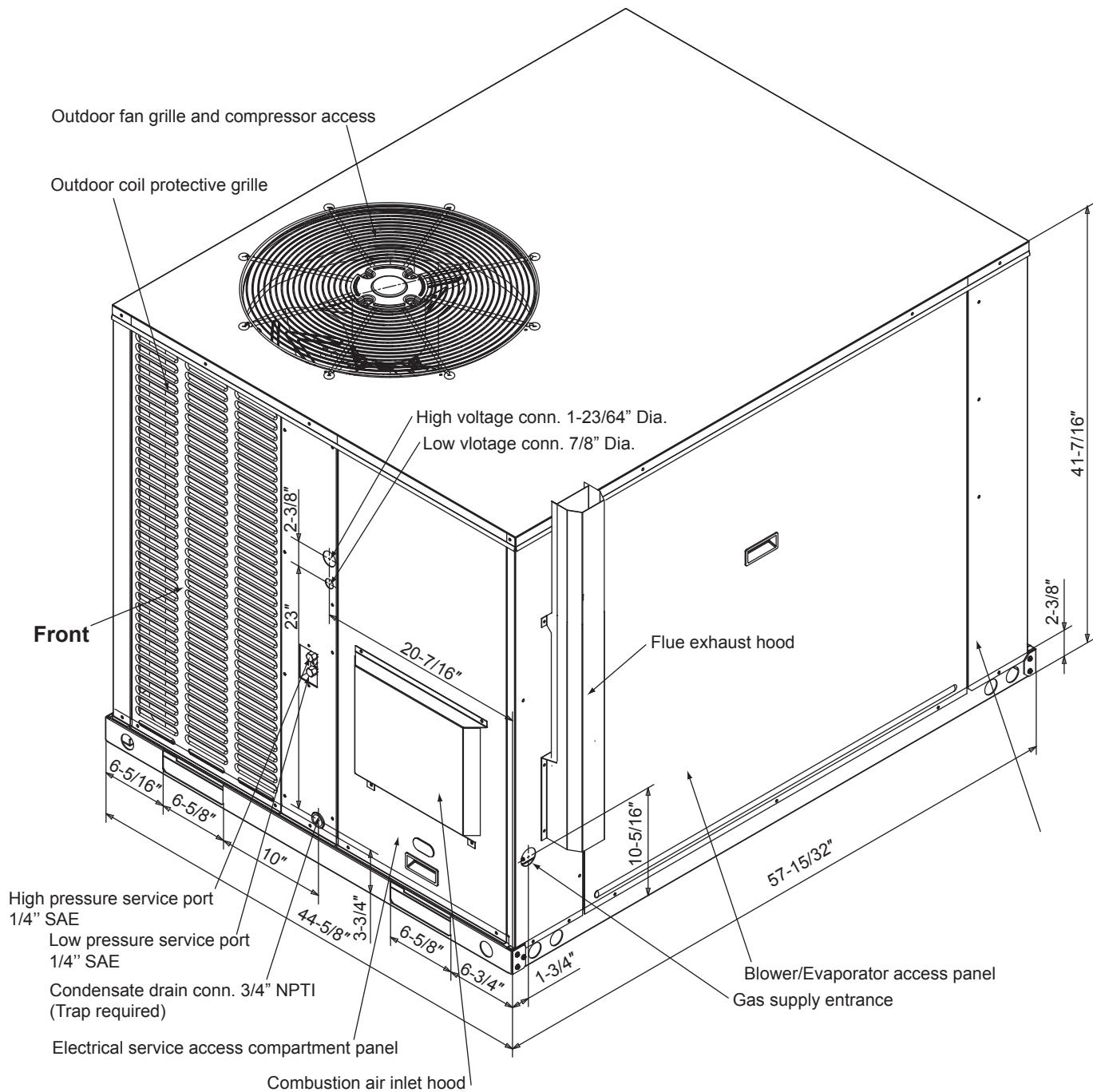
CERTIFICATE NO.:

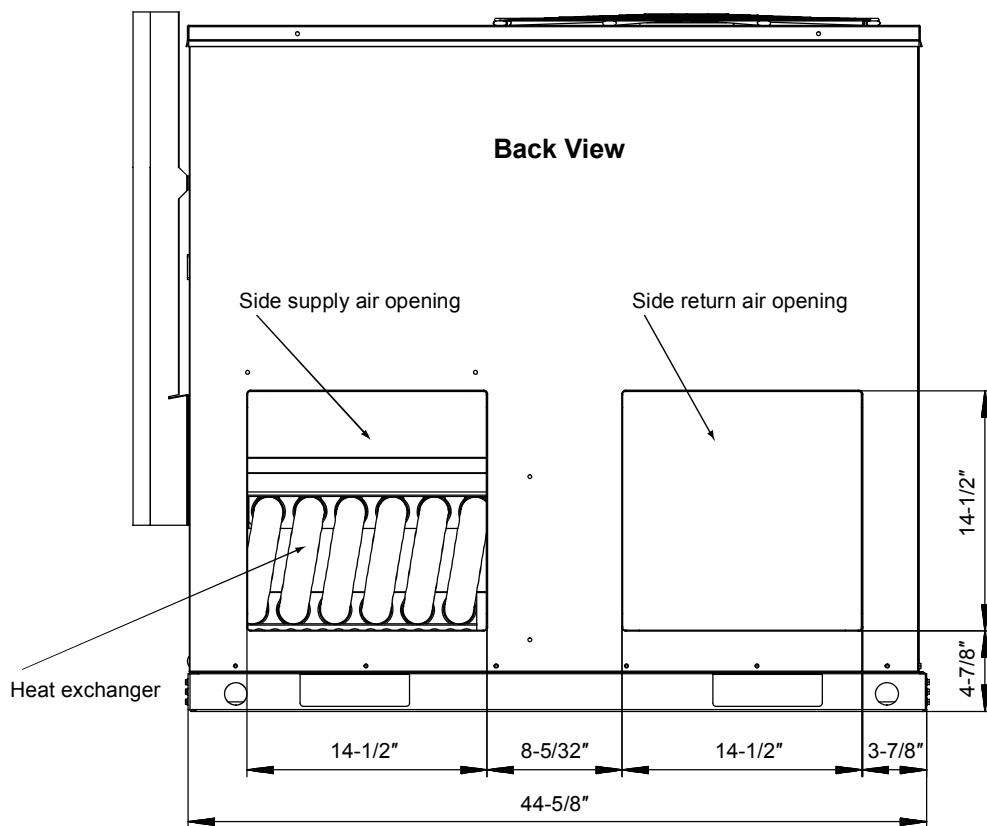
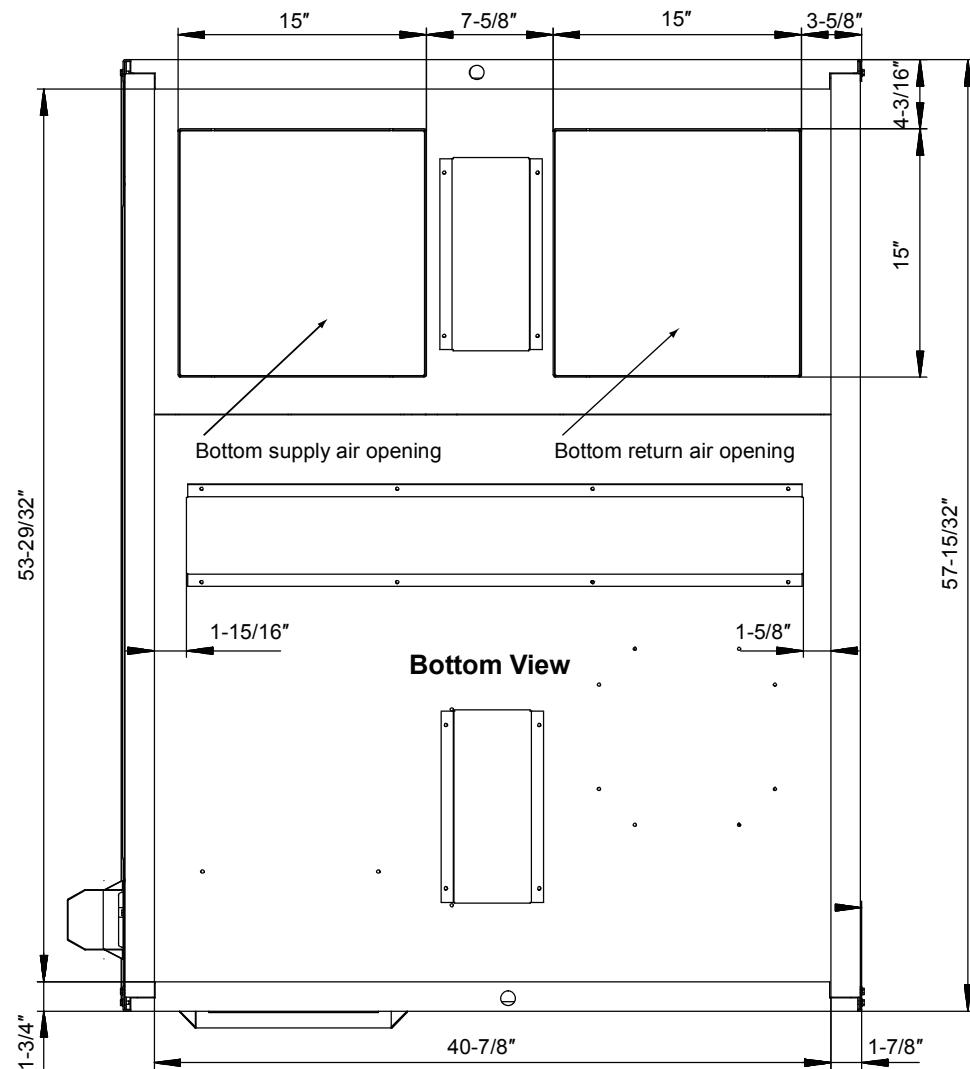
131212383079804198

TAG: \_\_\_\_\_

## SUBMITTAL

3.5 Ton  
High-Efficiency Gas Package Unit  
M4PG4042A1090A





**Dimensions Back and Bottom**

## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PG4042A1090A		EVAPORATOR FAN	
POWER CONNS. - V/PH/HZ	208/230/1/60		DRIVE- NO. SPEEDS	DIRECT - 4
MIN. BRCH. CIR. AMPACITY	27.4		CFM VS. IN. WG.	See Fan Performance Table
BR. CIR. PROT. RTG. - MAX. (AMPS)	45		MOTOR HP	3/4
SOUND POWER LEVEL[dB(A)]	78		MOTOR SPEED R.P.M.	1075
<b>GAS HEATING PERFORMANCE</b>				
HEATING INPUT (Btu)	90,000		VOLTS/PH/HZ	208/230/1/60
HEATING OUTPUT (Btu)	72,900		F.L. AMPS	3.5
TEMP. RISE RANGE (°F)	25-55		EVAPORATOR COIL	
AFUE (%)	81		ROWS- F.P.I.	3 - 16
GAS CONNS. PIPE SIZE	1/2		FACE AREA (SQ. FT.)	8.7
COMPRESSOR	SCROLL		TUBE SIZE (IN.)	5/16
NO. USED- NO. SPEEDS	1-1		REFRIGERANT CONTROL	ORIFICE
VOLTS/PH/HZ	208/230/1/60		REFRIGERANT	
R.L. AMPS- L.R. AMPS	17.9 - 112		LBS. - R-410	6 LBS. - 12 OZ.
<b>CONDENSER FAN</b>				
DIA. (IN.)	22		DIMENSIONS	D X H X W
TYPE DRIVE- NO. SPEEDS	DIRECT - 1		CRATED (IN.)	46-5/8X43-7/16X59-7/16
MOTOR HP	1/3		WEIGHT	
MOTOR SPEED R.P.M.	1100		SHIPPING (LBS.)	602
VOLTS/PH/HZ	208/230/1/60		NET (LBS.)	582
F.L. AMPS	1.6			
CONDENSER COIL	PLATE FIN			
ROWS- F.P.I.	1 - /			
FACE AREA (SQ. FT.)	17.7			
TUBE SIZE (IN.)	9/32			

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE									
	M4PG4042A1090A									
	External Static Pressure-Inches W.C.									
		0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Low	CFM	988	946	903	859	817	769	710	647	-
Middle-Low	CFM	1390	1339	1286	1234	1179	1125	1064	1000	920
Middle-High	CFM	1544	1485	1435	1380	1322	1256	1189	1124	1045
High	CFM	1683	1628	1564	1494	1433	1370	1307	1227	1151

# Features

---

- Single-stage gas (LP conversion kit provided with each unit) heating.
- Bottom or side air return.
- Aluminized steel tubular heat exchanger.
- Quiet multi-speed circulation blower.
- Direct spark ignition
- AHRI certified and ETL listed.



# Ameristar

The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.



# Certificate of Product Ratings

AHRI Certified Reference Number: 8162866

Date: 10/18/2016

Product: Single-Package Air-Conditioner, Air-Cooled

Model Number: M4PG4042A1090AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Region: All (AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WV, WI, WY, U.S. Territories)

**Region Note:** Central air conditioners manufactured prior to January 1, 2015, are eligible to be installed in all regions until June 30, 2016. Beginning July 1, 2016, central air conditioners can only be installed in region(s) for which they meet the regional efficiency requirement.

Series name:

Manufacturer responsible for the rating of this system combination is INGERSOLL RAND COMPANY

Rated as follows in accordance with AHRI Standard 210/240-2008 for Unitary Air-Conditioning and Air-Source Heat Pump Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (Btuh): 41000

EER Rating (Cooling): 11.00

SEER Rating (Cooling): 14.00

IEER Rating (Cooling):

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

CERTIFICATE NO.:

131212382081404198



# Certificate of Product Ratings

AHRI Certified Reference Number: 8162859

Date: 10/18/2016

Product: Residential Furnace Heating Equipment

Model Number: M4PG4042A1090AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Rated as follows in accordance with Department of Energy (DOE) furnace test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 430 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

AFUE: 81.0%

Output Heating Capacity: 73 MBTUH

The following data is for reference only and is not certified by AHRI:

Input: 90 MBTUH

Ef: 77.2 MMBTU/yr

Eae: 668 kWh/yr

PE: 82 Watts

Furnace Type: Weatherized

Config: Downflow,Horizontal

Fuel Type: Natural Gas,Propane Gas

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

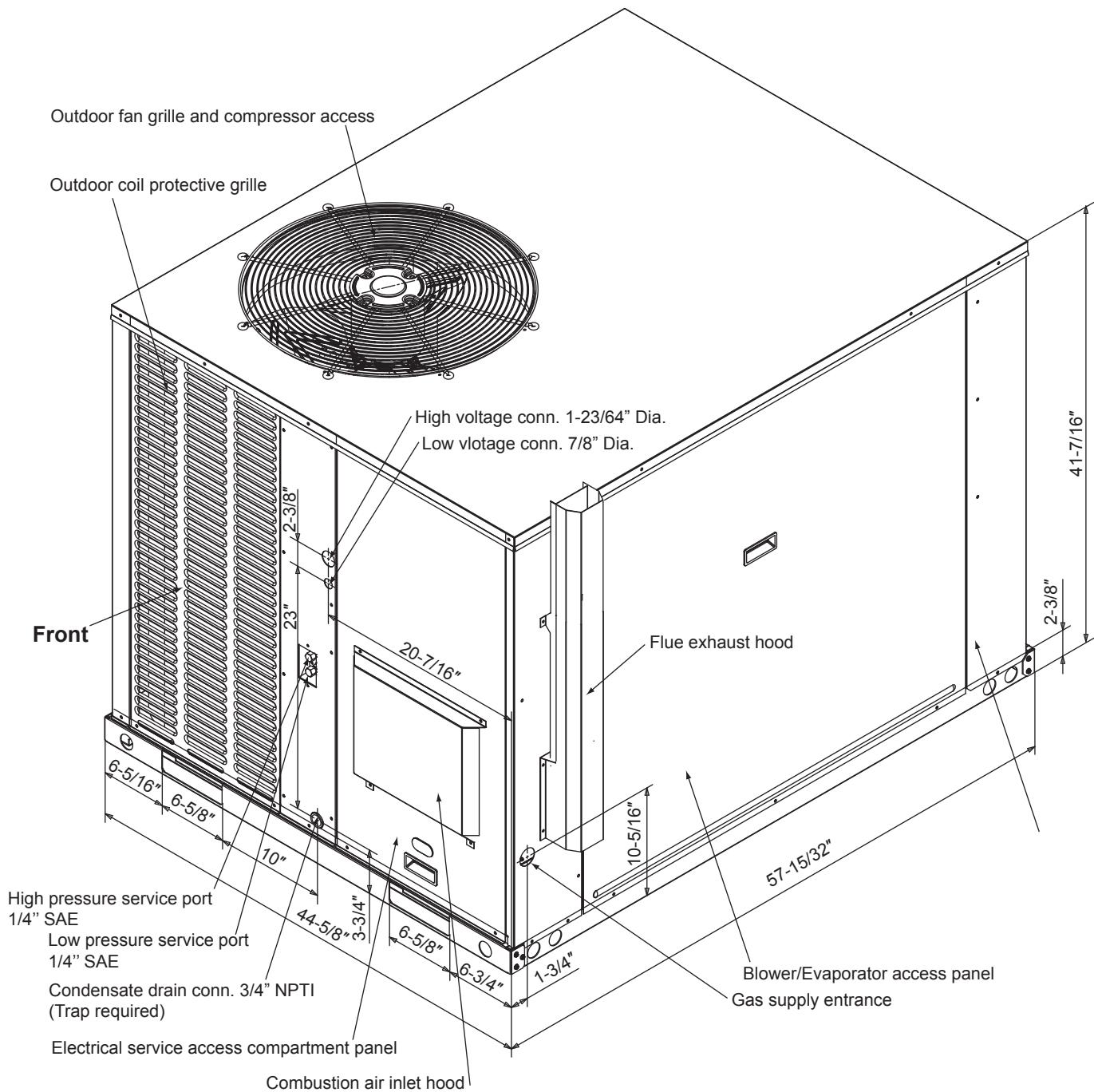
CERTIFICATE NO.:

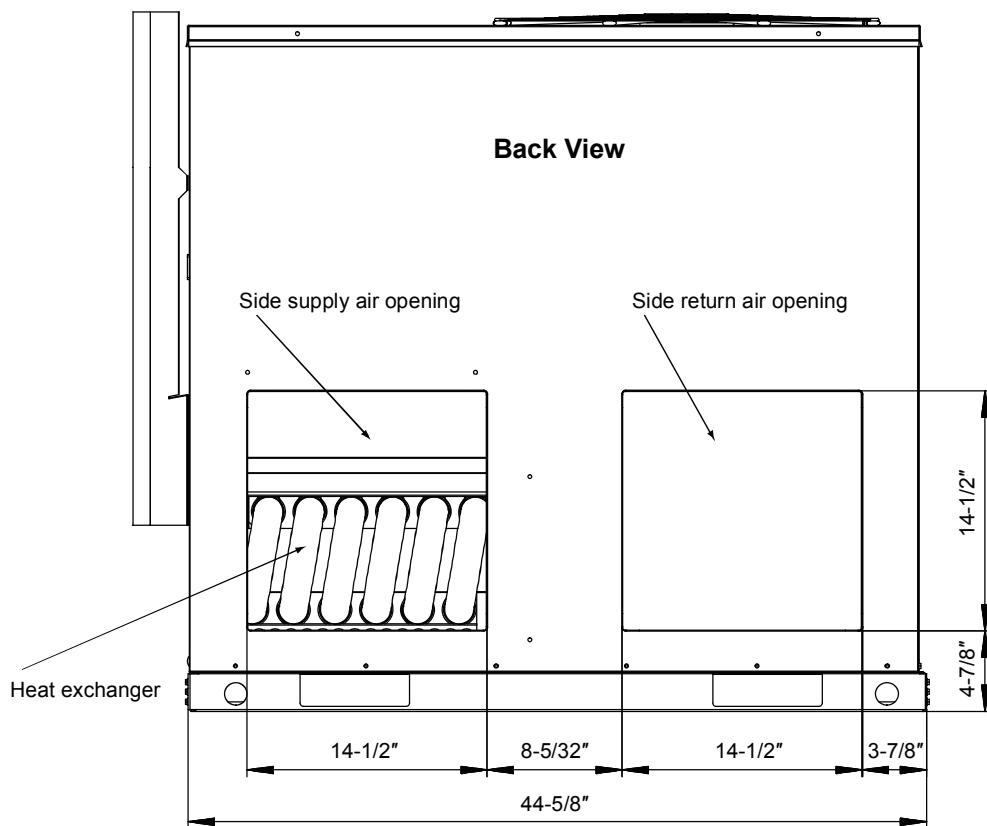
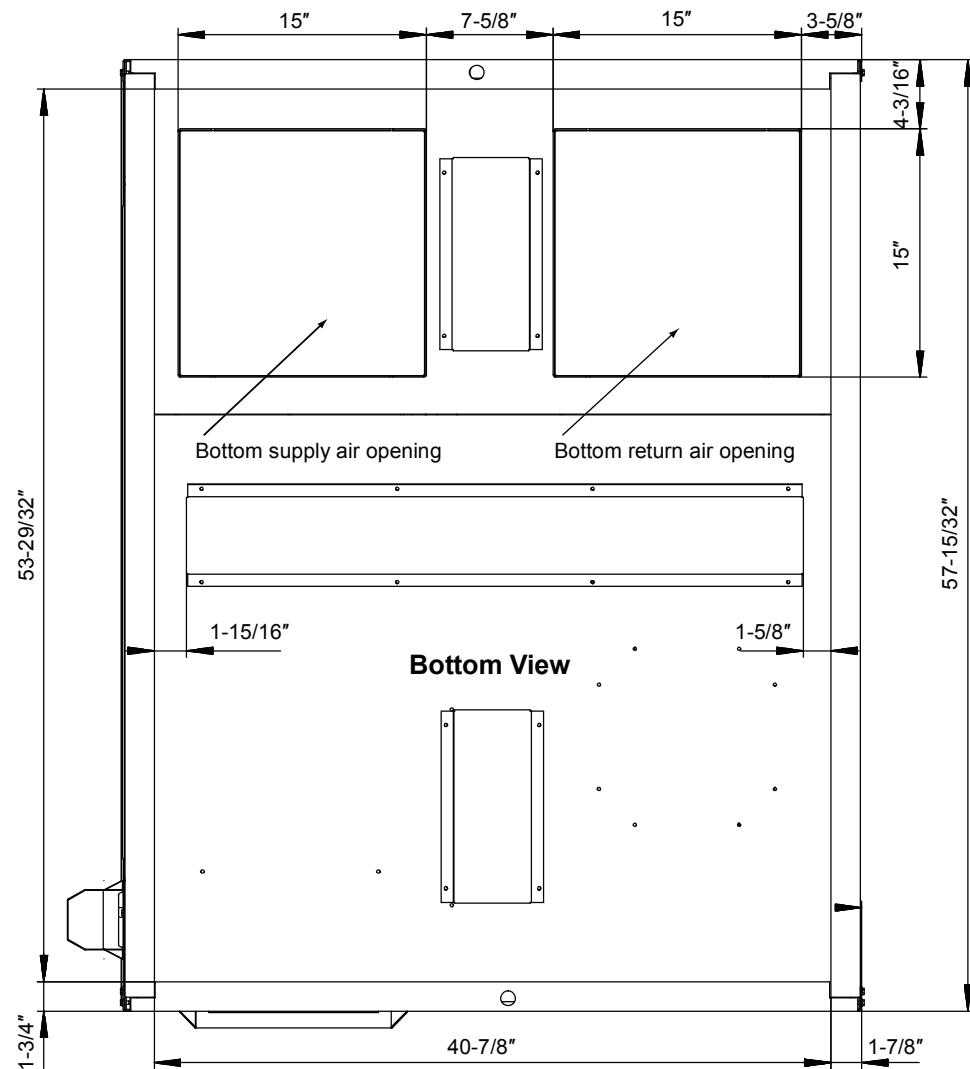
131212383150784198

TAG: \_\_\_\_\_

# SUBMITTAL

4.0 Ton  
High-Efficiency Gas Package Unit  
M4PG4048A1090A





**Dimensions Back and Bottom**

## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PG4048A1090A		EVAPORATOR FAN	
POWER CONNS. - V/PH/HZ	208/230/1/60		DRIVE- NO. SPEEDS	DIRECT - 4
MIN. BRCH. CIR. AMPACITY	36.3		CFM VS. IN. WG.	See Fan Performance Table
BR. CIR. PROT. RTG. - MAX. (AMPS)	60		MOTOR HP	1/3
SOUND POWER LEVEL[dB(A)]	76		MOTOR SPEED R.P.M.	1100
<b>GAS HEATING PERFORMANCE</b>				
HEATING INPUT (Btu)	90,000		VOLTS/PH/HZ	208/230/1/60
HEATING OUTPUT (Btu)	72,900		F.L. AMPS	5.5
TEMP. RISE RANGE (°F)	25-55		EVAPORATOR COIL	
AFUE (%)	81		ROWS- F.P.I.	3 - 14
GAS CONNS. PIPE SIZE	1/2		FACE AREA (SQ. FT.)	8.7
COMPRESSOR	SCROLL		TUBE SIZE (IN.)	3/8
NO. USED- NO. SPEEDS	1-1		REFRIGERANT CONTROL	ORIFICE
VOLTS/PH/HZ	208/230/1/60		REFRIGERANT	
R.L. AMPS- L.R. AMPS	24.2 - 100		LBS. - R-410	7 LBS. - 1 OZ.
<b>CONDENSER FAN</b>				
DIA. (IN.)	22		DIMENSIONS	D X H X W
TYPE DRIVE- NO. SPEEDS	DIRECT - 1		CRATED (IN.)	46-5/8X43-7/16X59-7/16
MOTOR HP	1/3		WEIGHT	
MOTOR SPEED R.P.M.	1100		SHIPPING (LBS.)	602
VOLTS/PH/HZ	208/230/1/60		NET (LBS.)	584
F.L. AMPS	1.6			
CONDENSER COIL	PLATE FIN			
ROWS- F.P.I.	1 - /			
FACE AREA (SQ. FT.)	17.7			
TUBE SIZE (IN.)	9/32			

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE									
	M4PG4048A1090A									
	External Static Pressure-Inches W.C.									
		0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Low	CFM	1548	1510	1460	1400	1339	1275	1225	1179	-
Middle- 1	CFM	1699	1655	1605	1557	1492	1439	1389	1328	1259
Middle- 2	CFM	1762	1721	1675	1625	1571	1516	1452	1405	1348
Middle-3	CFM	1904	1859	1801	1763	1705	1642	1577	1531	1438
high	CFM	1981	1933	1886	1841	1777	1707	1626	1556	1466

# Features

---

- Single-stage gas (LP conversion kit provided with each unit) heating.
- Bottom or side air return.
- Aluminized steel tubular heat exchanger.
- Quiet multi-speed circulation blower.
- Direct spark ignition
- AHRI certified and ETL listed.



# Ameristar

The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.



# Certificate of Product Ratings

AHRI Certified Reference Number: 8162867

Date: 10/18/2016

Product: Single-Package Air-Conditioner, Air-Cooled

Model Number: M4PG4048A1090AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Region: All (AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WV, WI, WY, U.S. Territories)

**Region Note:** Central air conditioners manufactured prior to January 1, 2015, are eligible to be installed in all regions until June 30, 2016. Beginning July 1, 2016, central air conditioners can only be installed in region(s) for which they meet the regional efficiency requirement.

Series name:

Manufacturer responsible for the rating of this system combination is INGERSOLL RAND COMPANY

Rated as follows in accordance with AHRI Standard 210/240-2008 for Unitary Air-Conditioning and Air-Source Heat Pump Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (Btuh): 47000

EER Rating (Cooling): 11.00

SEER Rating (Cooling): 14.00

IEER Rating (Cooling):

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

CERTIFICATE NO.:

131212382133508198



# Certificate of Product Ratings

AHRI Certified Reference Number: 8162860

Date: 10/18/2016

Product: Residential Furnace Heating Equipment

Model Number: M4PG4048A1090AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Rated as follows in accordance with Department of Energy (DOE) furnace test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 430 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

AFUE: 81.0%

Output Heating Capacity: 73 MBTUH

The following data is for reference only and is not certified by AHRI:

Input: 90 MBTUH

Ef: 77.3 MMBTU/yr

Eae: 639 kWh/yr

PE: 82 Watts

Furnace Type: Weatherized

Config: Downflow,Horizontal

Fuel Type: Natural Gas,Propane Gas

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute

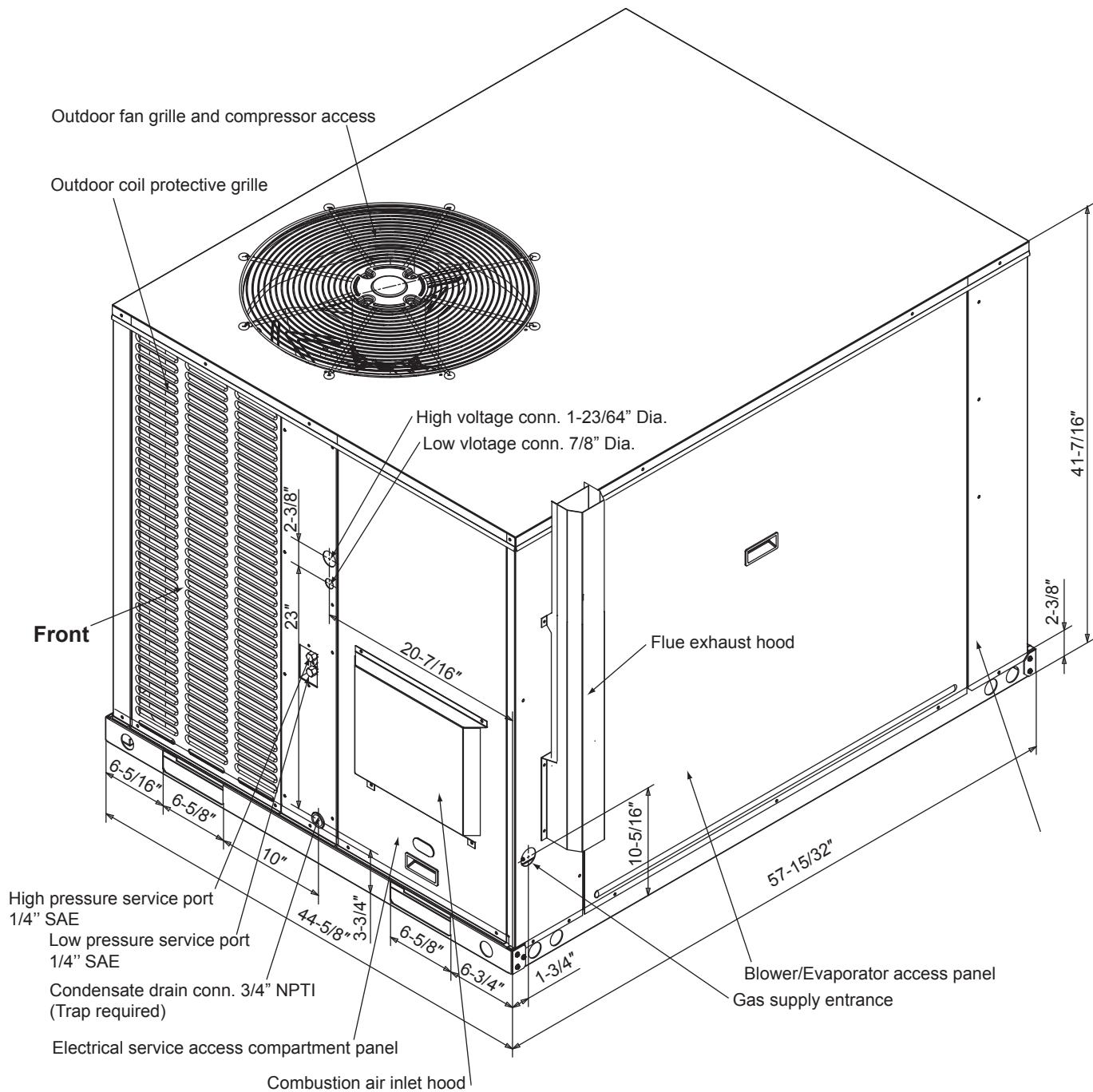


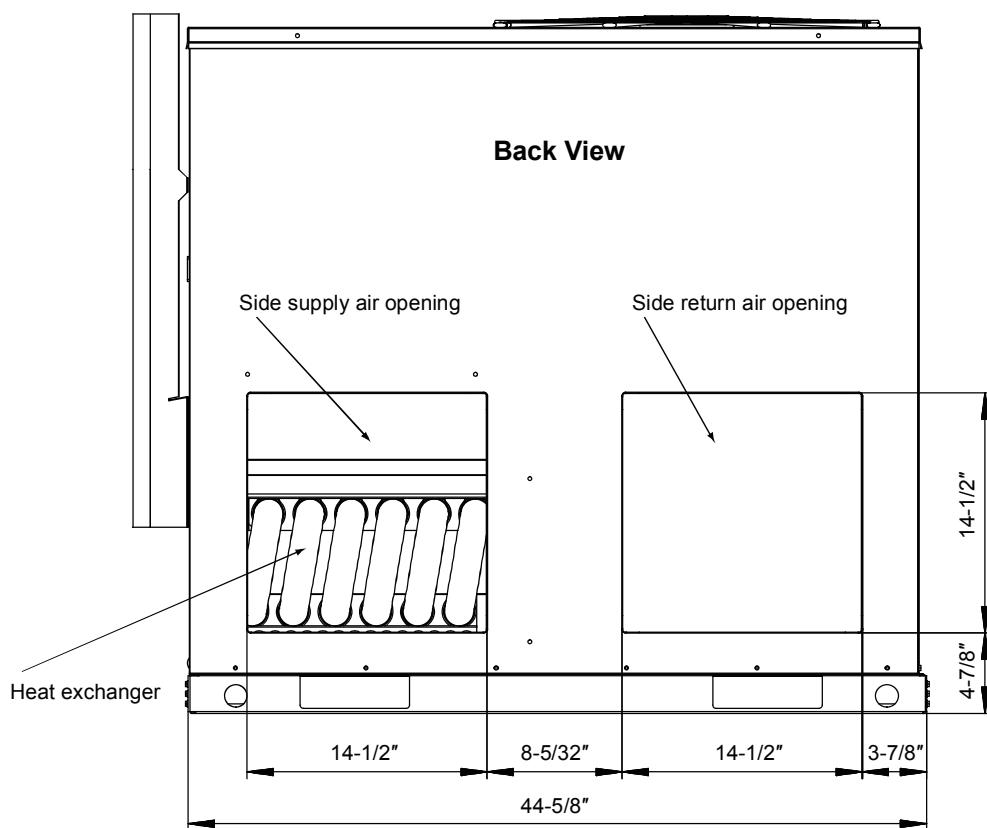
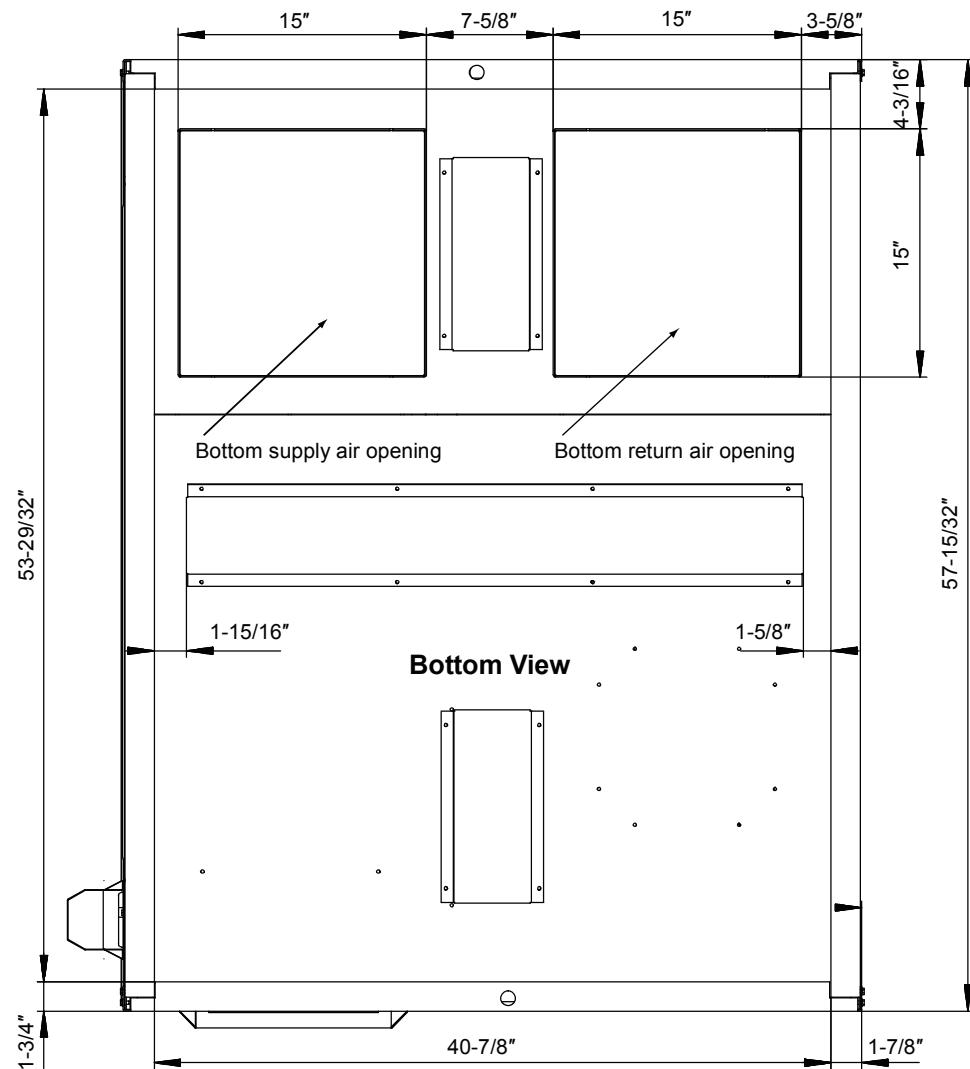
we make life better™

CERTIFICATE NO.:

131212383211000198

TAG: \_\_\_\_\_

**SUBMITTAL****5.0 Ton****High-Efficiency Gas Package Unit****M4PG4060B1090AA**



**Dimensions Back and Bottom**

## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PG4060B1090AA	EVAPORATOR FAN
POWER CONNS. - V/PH/HZ	208/230/1/60	DRIVE- NO. SPEEDS
MIN. BRCH. CIR. AMPACITY	35.6	CFM VS. IN. WG.
BR. CIR. PROT. RTG. - MAX. (AMPS)	60	See Fan Performance Table
<b>GAS HEATING PERFORMANCE</b>		
HEATING INPUT (Btu)	90,000	MOTOR HP
HEATING OUTPUT (Btu)	72,900	1050
TEMP. RISE RANGE (°F)	25-55	VOLTS/PH/HZ
AFUE (%)	81	F.L. AMPS
GAS CONNS. PIPE SIZE	1/2	6.3
COMPRESSOR	SCROLL	EVAPORATOR COIL
NO. USED- NO. SPEEDS	1-1	ROWS- F.P.I.
VOLTS/PH/HZ	208/230/1/60	3 - 16
R.L. AMPS- L.R. AMPS	22.2 - 127.9	FACE AREA (SQ. FT.)
<b>CONDENSER FAN</b>		
DIA. (IN.)	22	TUBE SIZE (IN.)
TYPE DRIVE- NO. SPEEDS	DIRECT - 1	5/16
MOTOR HP	1/3	REFRIGERANT CONTROL
MOTOR SPEED R.P.M.	1100	ORIFICE
VOLTS/PH/HZ	208/230/1/60	REFRIGERANT
F.L. AMPS	1.6	LBS. - R-410
CONDENSER COIL	PLATE FIN	5 LBS. - 6 OZ.
ROWS- F.P.I.	1 - /	DIMENSIONS
FACE AREA (SQ. FT.)	17.7	46-5/8X43-7/16X59-7/16
TUBE SIZE (IN.)	9/32	WEIGHT
<b>CONDENSER FAN</b>		
DIA. (IN.)	22	SHIPPING (LBS.)
TYPE DRIVE- NO. SPEEDS	DIRECT - 1	607
MOTOR HP	1/3	NET (LBS.)
MOTOR SPEED R.P.M.	1100	587
VOLTS/PH/HZ	208/230/1/60	
F.L. AMPS	1.6	
CONDENSER COIL	PLATE FIN	
ROWS- F.P.I.	1 - /	
FACE AREA (SQ. FT.)	17.7	
TUBE SIZE (IN.)	9/32	

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE									
	M4PG4060B1090AA									
	External Static Pressure-Inches W.C.									
		0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Low	CFM	1553	1493	1436	1382	1329	1270	1206	-	-
Middle- 1	CFM	1673	1620	1555	1507	1454	1392	1339	1273	1208
Middle- 2	CFM	1771	1720	1659	1602	1555	1493	1434	1377	1312
Middle- 3	CFM	1923	1872	1817	1758	1704	1656	1601	1545	1492
High	CFM	2033	1975	1919	1870	1814	1763	1715	1655	1601

# Features

---

- Single-stage gas (LP conversion kit provided with each unit) heating.
- Bottom or side air return.
- Aluminized steel tubular heat exchanger.
- Quiet multi-speed circulation blower.
- Direct spark ignition
- AHRI certified and ETL listed.



# Ameristar

The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.



# Certificate of Product Ratings

AHRI Certified Reference Number: 9910992

Date: 10/10/2016

Product: Single-Package Air-Conditioner, Air-Cooled

Model Number: M4PG4060B1090AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Region: All (AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WV, WI, WY, U.S. Territories)

**Region Note:** Central air conditioners manufactured prior to January 1, 2015, are eligible to be installed in all regions until June 30, 2016. Beginning July 1, 2016, central air conditioners can only be installed in region(s) for which they meet the regional efficiency requirement.

Series name:

Manufacturer responsible for the rating of this system combination is INGERSOLL RAND COMPANY

Rated as follows in accordance with AHRI Standard 210/240-2008 for Unitary Air-Conditioning and Air-Source Heat Pump Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (Btuh): 57000

EER Rating (Cooling): 11.00

SEER Rating (Cooling): 14.00

IEER Rating (Cooling):

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute

CERTIFICATE NO.:

131205560563595788



we make life better™



# Certificate of Product Ratings

AHRI Certified Reference Number: 9910990

Date: 10/10/2016

Product: Residential Furnace Heating Equipment

Model Number: M4PG4060B1090AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Rated as follows in accordance with Department of Energy (DOE) furnace test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 430 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

AFUE: 81.0%

Output Heating Capacity: 73 MBTUH

The following data is for reference only and is not certified by AHRI:

Input: 90 MBTUH

Ef: 77.3 MMBTU/yr

Eae: 639 kWh/yr

PE: 82 Watts

Furnace Type: Weatherized

Config: Downflow,Horizontal

Fuel Type: Natural Gas,Propane Gas

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

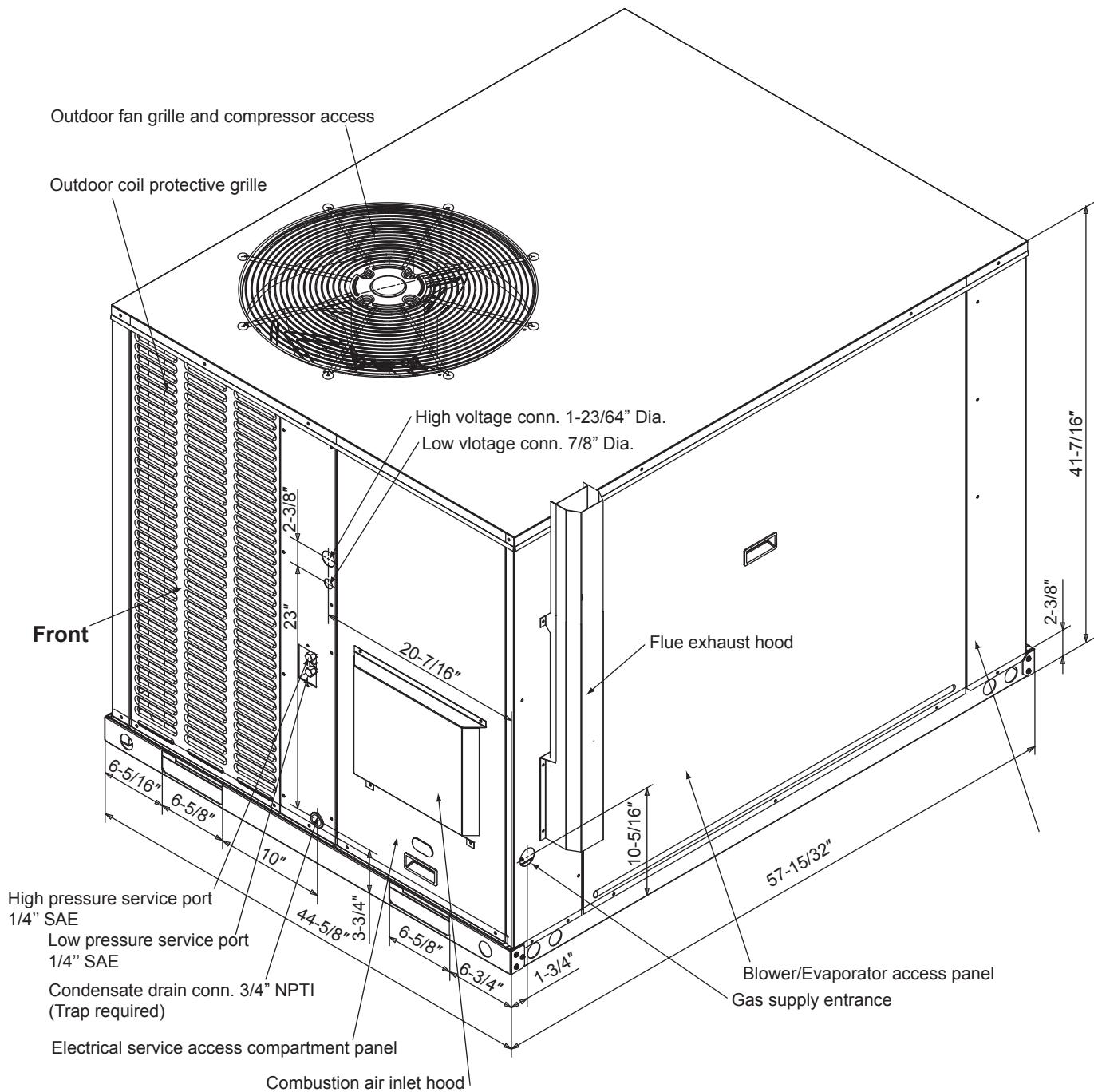
CERTIFICATE NO.:

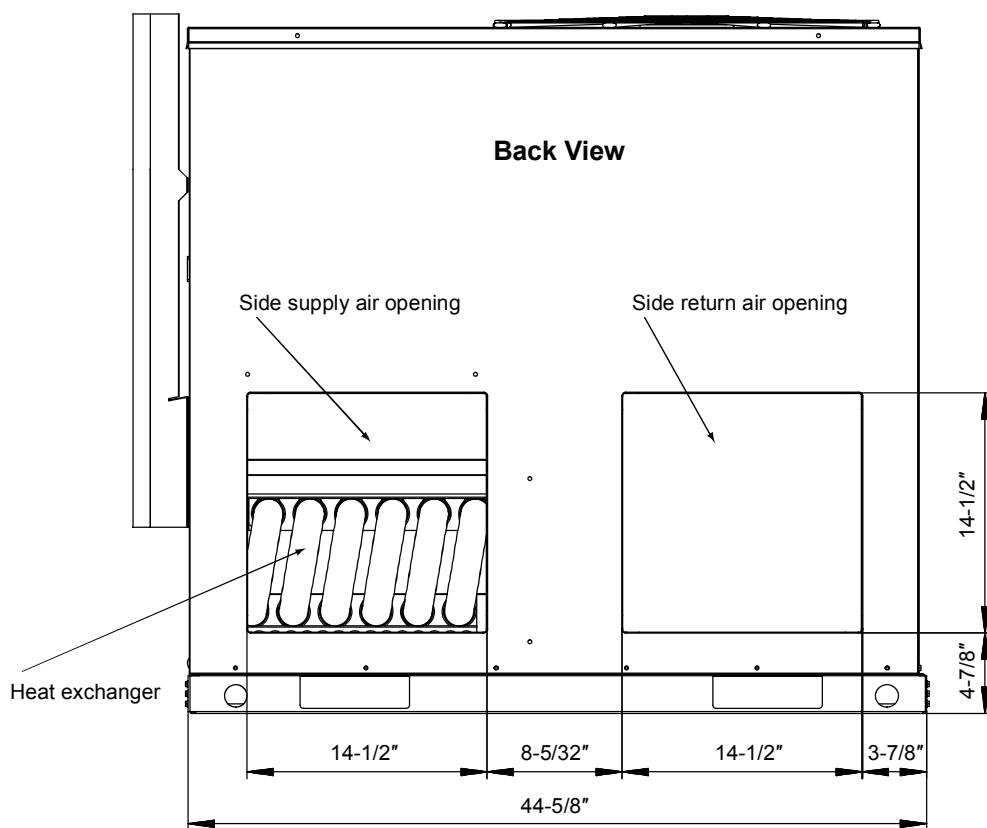
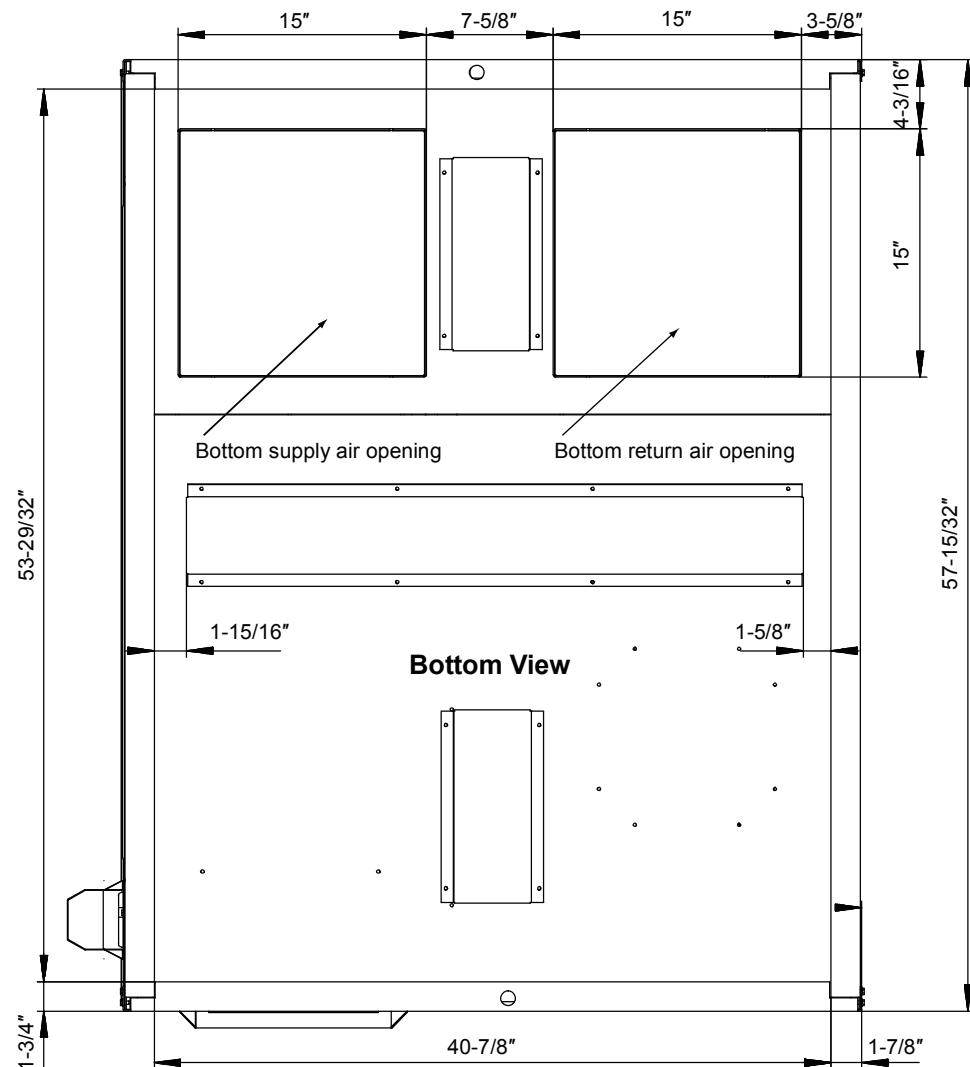
131205561307252555

TAG: \_\_\_\_\_

# SUBMITTAL

5.0 Ton  
High-Efficiency Gas Package Unit  
M4PG4060B1130AA





**Dimensions Back and Bottom**

## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PG4060B1130AA	EVAPORATOR FAN
POWER CONNS. - V/PH/HZ	208/230/1/60	DRIVE- NO. SPEEDS
MIN. BRCH. CIR. AMPACITY	35.6	CFM VS. IN. WG.
BR. CIR. PROT. RTG. - MAX. (AMPS)	60	See Fan Performance Table
<b>GAS HEATING PERFORMANCE</b>		
HEATING INPUT (Btu)	130,000	MOTOR HP
HEATING OUTPUT (Btu)	105,300	1050
TEMP. RISE RANGE (°F)	35-65	VOLTS/PH/HZ
AFUE (%)	81	F.L. AMPS
GAS CONNS. PIPE SIZE	1/2	EVAPORATOR COIL
COMPRESSOR	SCROLL	ROWS- F.P.I.
NO. USED- NO. SPEEDS	1-1	FACE AREA (SQ. FT.)
VOLTS/PH/HZ	208/230/1/60	TUBE SIZE (IN.)
R.L. AMPS- L.R. AMPS	22.2 - 127.9	REFRIGERANT CONTROL
<b>CONDENSER FAN</b>		
DIA. (IN.)	22	REFRIGERANT
TYPE DRIVE- NO. SPEEDS	DIRECT - 1	LBS. - R-410
MOTOR HP	1/3	DIMENSIONS
MOTOR SPEED R.P.M.	1100	CRATED (IN.)
VOLTS/PH/HZ	208/230/1/60	46-5/8X43-7/16X59-7/16
F.L. AMPS	1.6	WEIGHT
CONDENSER COIL	PLATE FIN	SHIPPING (LBS.)
ROWS- F.P.I.	1 - /	NET (LBS.)
FACE AREA (SQ. FT.)	17.7	
TUBE SIZE (IN.)	9/32	

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE									
	M4PG4060B1130AA									
	External Static Pressure-Inches W.C.									
		0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Low	CFM	1553	1493	1436	1382	1329	1270	1206	-	-
Middle- 1	CFM	1673	1620	1555	1507	1454	1392	1339	1273	1208
Middle- 2	CFM	1771	1720	1659	1602	1555	1493	1434	1377	1312
Middle- 3	CFM	1923	1872	1817	1758	1704	1656	1601	1545	1492
High	CFM	2033	1975	1919	1870	1814	1763	1715	1655	1601

# Features

---

- Single-stage gas (LP conversion kit provided with each unit) heating.
- Bottom or side air return.
- Aluminized steel tubular heat exchanger.
- Quiet multi-speed circulation blower.
- Direct spark ignition
- AHRI certified and ETL listed.



# Ameristar

The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.



# Certificate of Product Ratings

AHRI Certified Reference Number: 9910993

Date: 10/10/2016

Product: Single-Package Air-Conditioner, Air-Cooled

Model Number: M4PG4060B1130AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Region: All (AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WV, WI, WY, U.S. Territories)

**Region Note:** Central air conditioners manufactured prior to January 1, 2015, are eligible to be installed in all regions until June 30, 2016. Beginning July 1, 2016, central air conditioners can only be installed in region(s) for which they meet the regional efficiency requirement.

Series name:

Manufacturer responsible for the rating of this system combination is INGERSOLL RAND COMPANY

Rated as follows in accordance with AHRI Standard 210/240-2008 for Unitary Air-Conditioning and Air-Source Heat Pump Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (Btuh): 57000

EER Rating (Cooling): 11.00

SEER Rating (Cooling): 14.00

IEER Rating (Cooling):

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

CERTIFICATE NO.:

131205560399638737



# Certificate of Product Ratings

AHRI Certified Reference Number: 9910991

Date: 10/10/2016

Product: Residential Furnace Heating Equipment

Model Number: M4PG4060B1130AA

Manufacturer: INGERSOLL RAND COMPANY

Trade/Brand name: AMERISTAR

Rated as follows in accordance with Department of Energy (DOE) furnace test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 430 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

AFUE: 81.0%

Output Heating Capacity: 105 MBTUH

The following data is for reference only and is not certified by AHRI:

Input: 130 MBTUH

Ef: 75.5 MMBTU/yr

Eae: 1414 kWh/yr

PE: 82 Watts

Furnace Type: Weatherized

Config: Downflow,Horizontal

Fuel Type: Natural Gas,Propane Gas

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

CERTIFICATE NO.:

131205561418481268