

Ameristar

M4PG4024A1060A

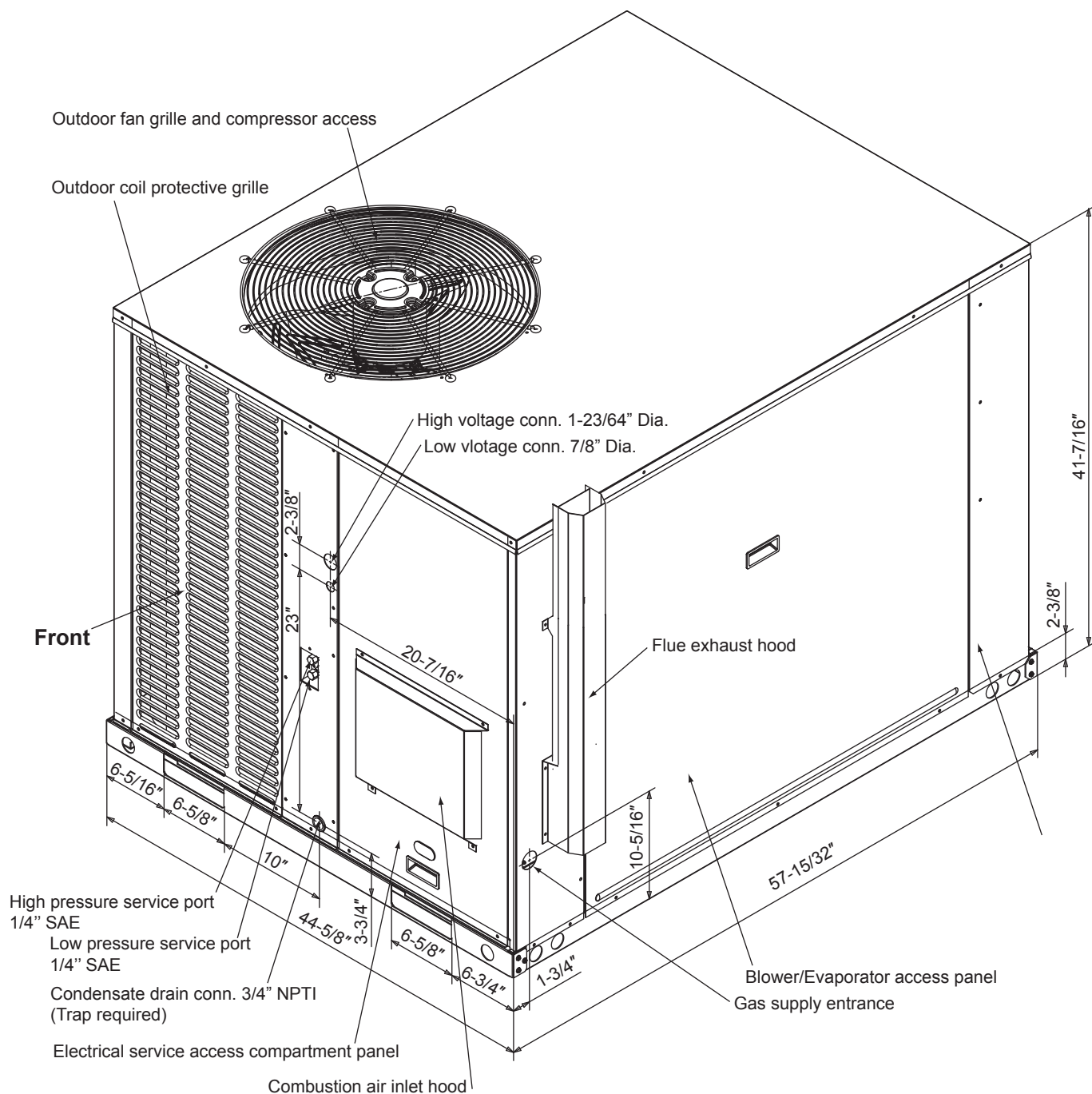
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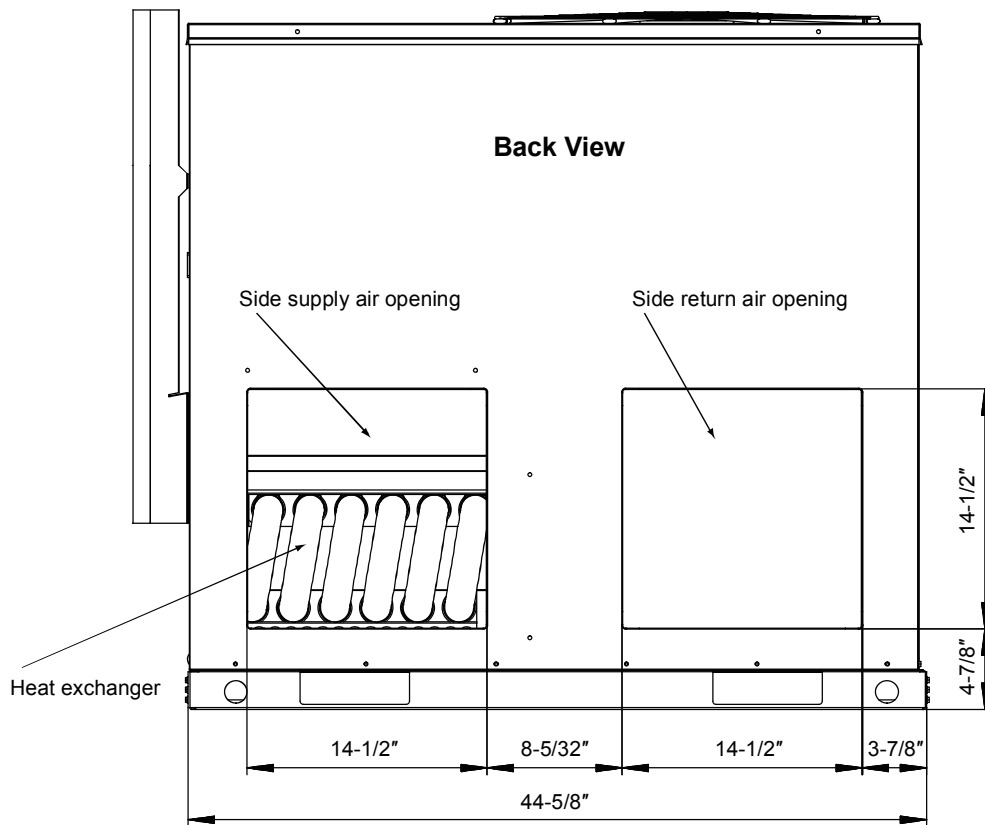
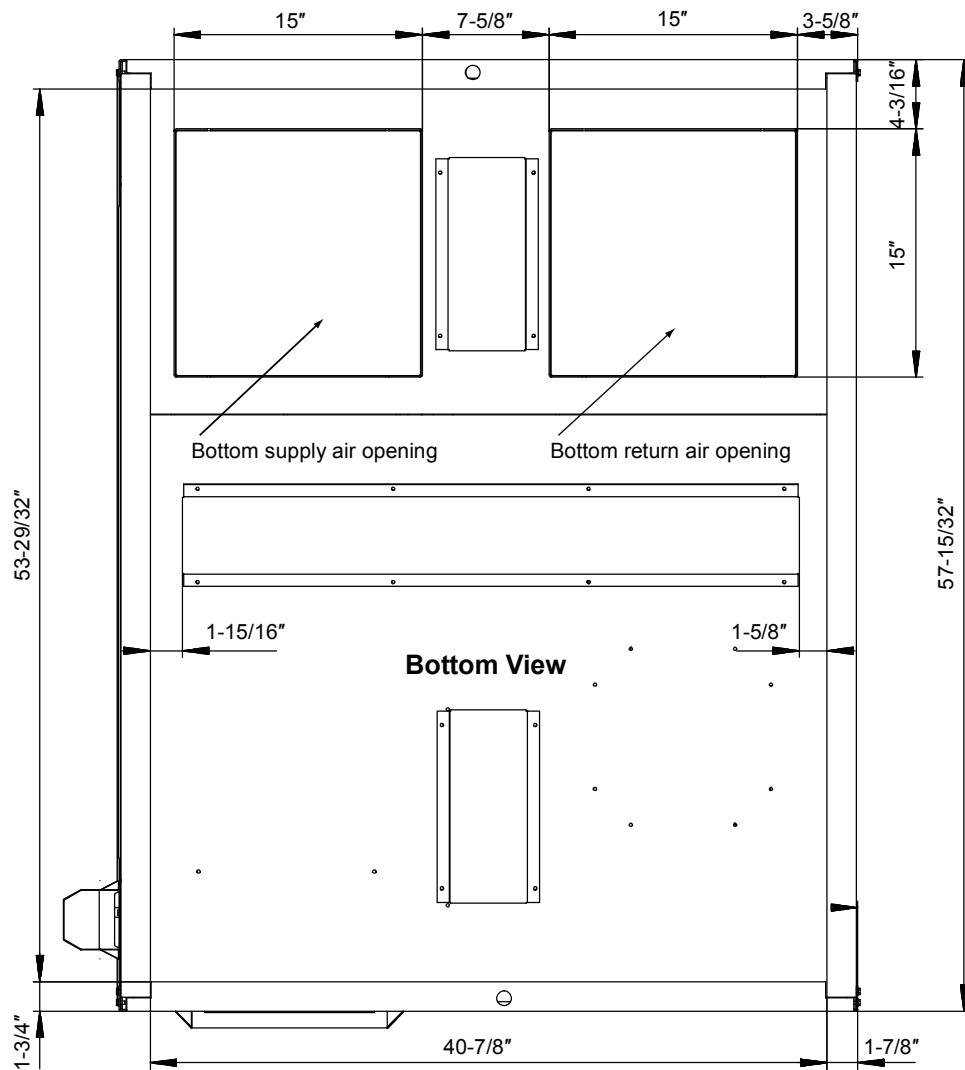
SUBMITTAL

2.0 Ton

High-Efficiency Gas Package Unit

M4PG4024A1060A





Dimensions Back and Bottom

PRODUCT SPECIFICATIONS

Specifications

MODEL	M4PG4024A1060A
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	12.6
BR. CIR. PROT. RTG. - MAX. (AMPS)	20
SOUND POWER LEVEL [dB(A)]	67
GAS HEATING PERFORMANCE	
HEATING INPUT (Btu)	60,000
HEATING OUTPUT (Btu)	48,600
TEMP. RISE RANGE (°F)	35-65
AFUE (%)	81
GAS CONNS. PIPE SIZE	1/2
COMPRESSOR	ROTARY
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	8.8 - 34.8
CONDENSER FAN	
DIA. (IN.)	22
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	1/12
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
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

EVAPORATOR FAN	
DRIVE- NO. SPEEDS	DIRECT - 4
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	1/3
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	2.0
EVAPORATOR COIL	
ROWS- F.P.I.	3 - 14
FACE AREA (SQ. FT.)	4.35
TUBE SIZE (IN.)	3/8
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410	3 LBS. - 12 OZ.
DIMENSIONS	
CRATED (IN.)	46-5/8X43-7/16X59-7/16
WEIGHT	
SHIPPING (LBS.)	500
NET (LBS.)	481

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):	

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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

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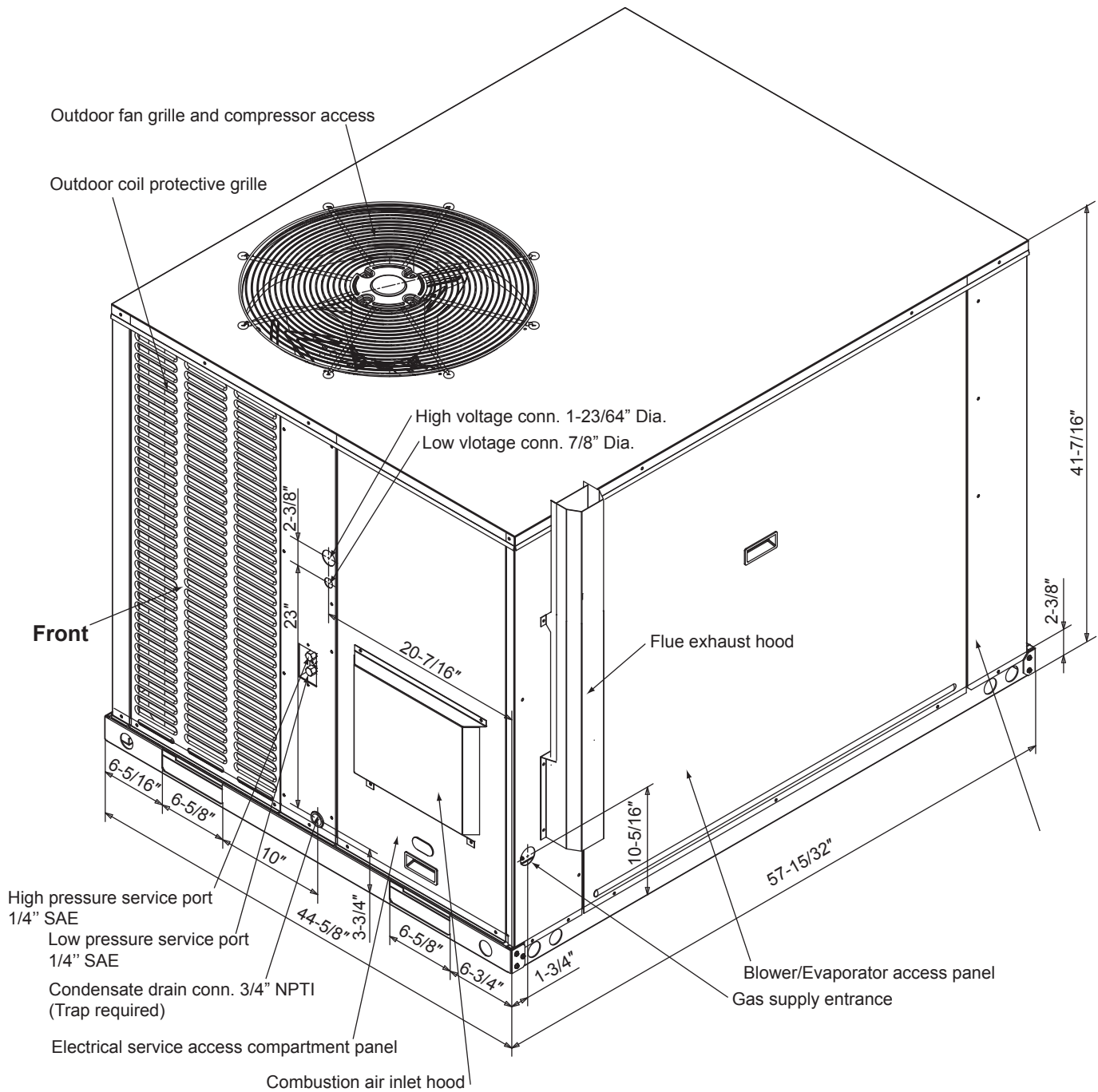
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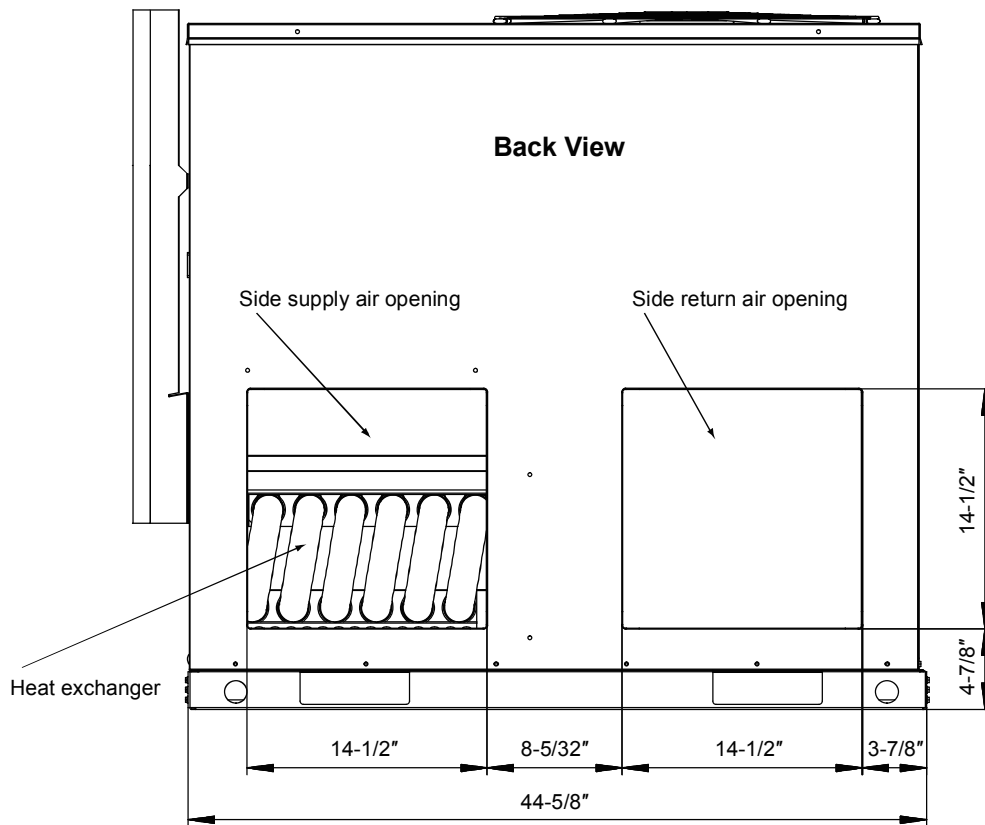
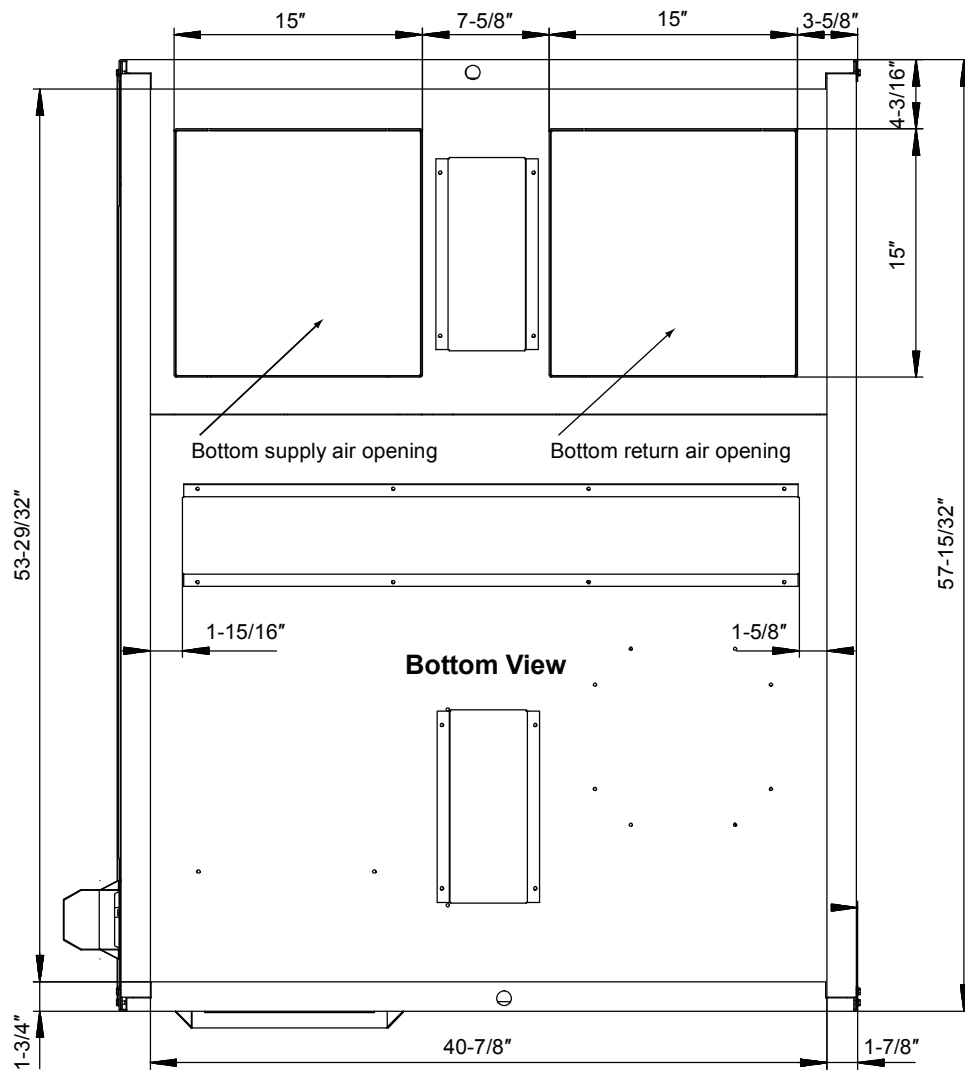
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SUBMITTAL

2.5 Ton High-Efficiency Gas Package Unit M4PG4030A1060A





Dimensions Back and Bottom

PRODUCT SPECIFICATIONS

Specifications

MODEL	M4PG4030A1060A
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	15.4
BR. CIR. PROT. RTG. - MAX. (AMPS)	25
SOUND POWER LEVEL[dB(A)]	72
GAS HEATING PERFORMANCE	
HEATING INPUT (Btu)	60,000
HEATING OUTPUT (Btu)	48,600
TEMP. RISE RANGE (°F)	25-55
AFUE (%)	81
GAS CONNS. PIPE SIZE	1/2
COMPRESSOR	ROTARY
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	10.3 - 60
CONDENSER FAN	
DIA. (IN.)	22
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	1/6
MOTOR SPEED R.P.M.	845
VOLTS/PH/HZ	208/230/1/60
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

EVAPORATOR FAN	
DRIVE- NO. SPEEDS	DIRECT - 4
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	1/2
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	2.2
EVAPORATOR COIL	
ROWS- F.P.I.	3 - 14
FACE AREA (SQ. FT.)	6.53
TUBE SIZE (IN.)	3/8
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410	4 LBS. - 1 OZ.
DIMENSIONS	
CRATED (IN.)	46-5/8X43-7/16X59-7/16
WEIGHT	
SHIPPING (LBS.)	520
NET (LBS.)	500

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):	

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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

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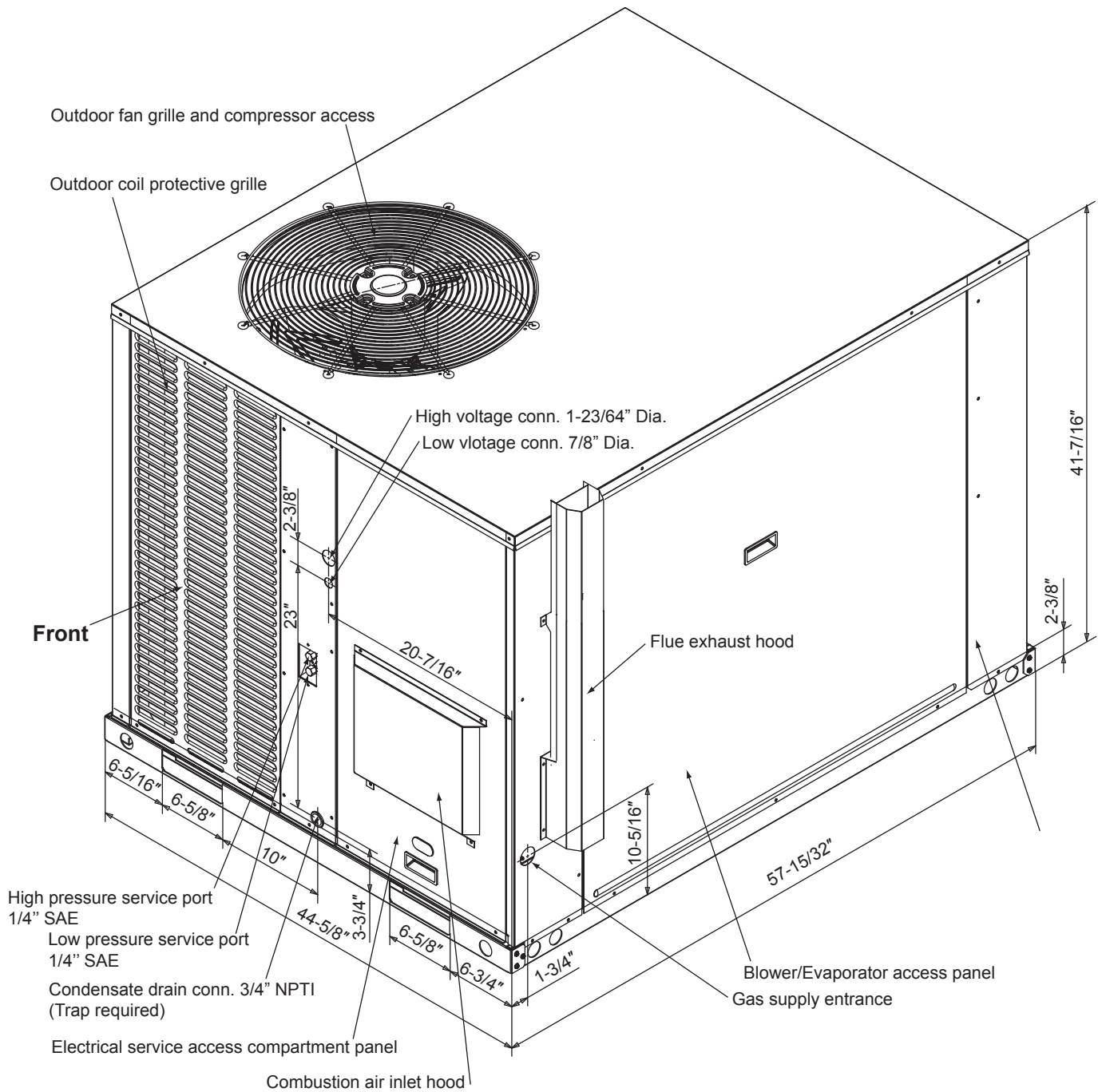
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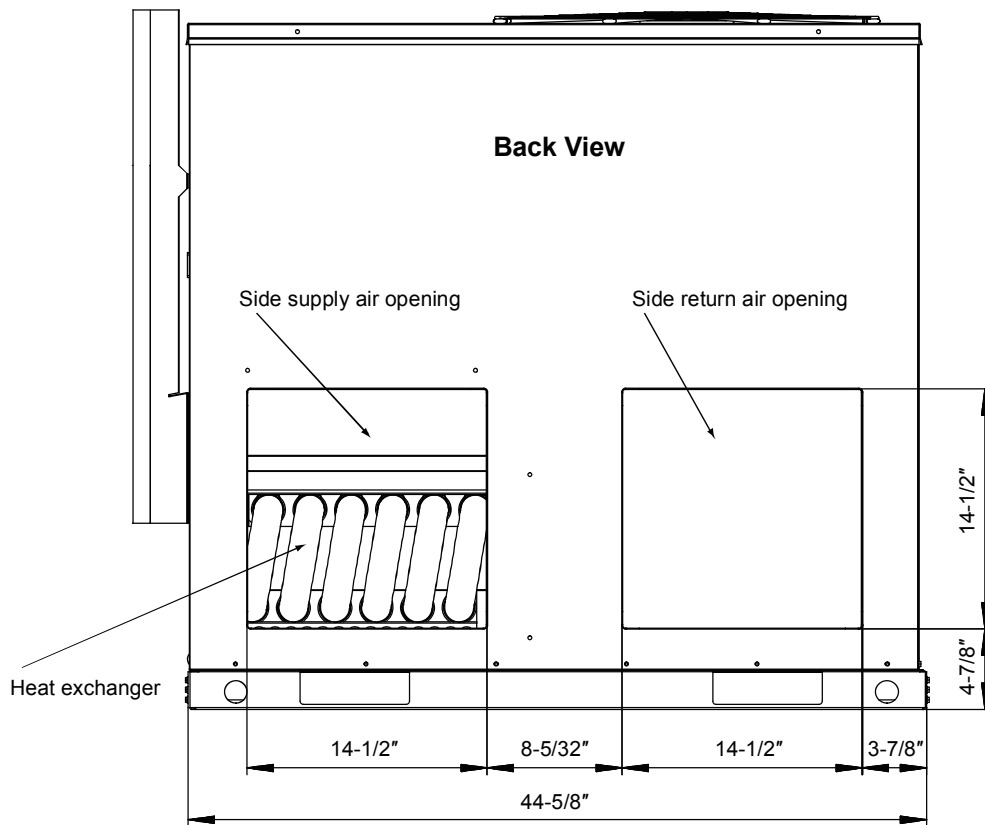
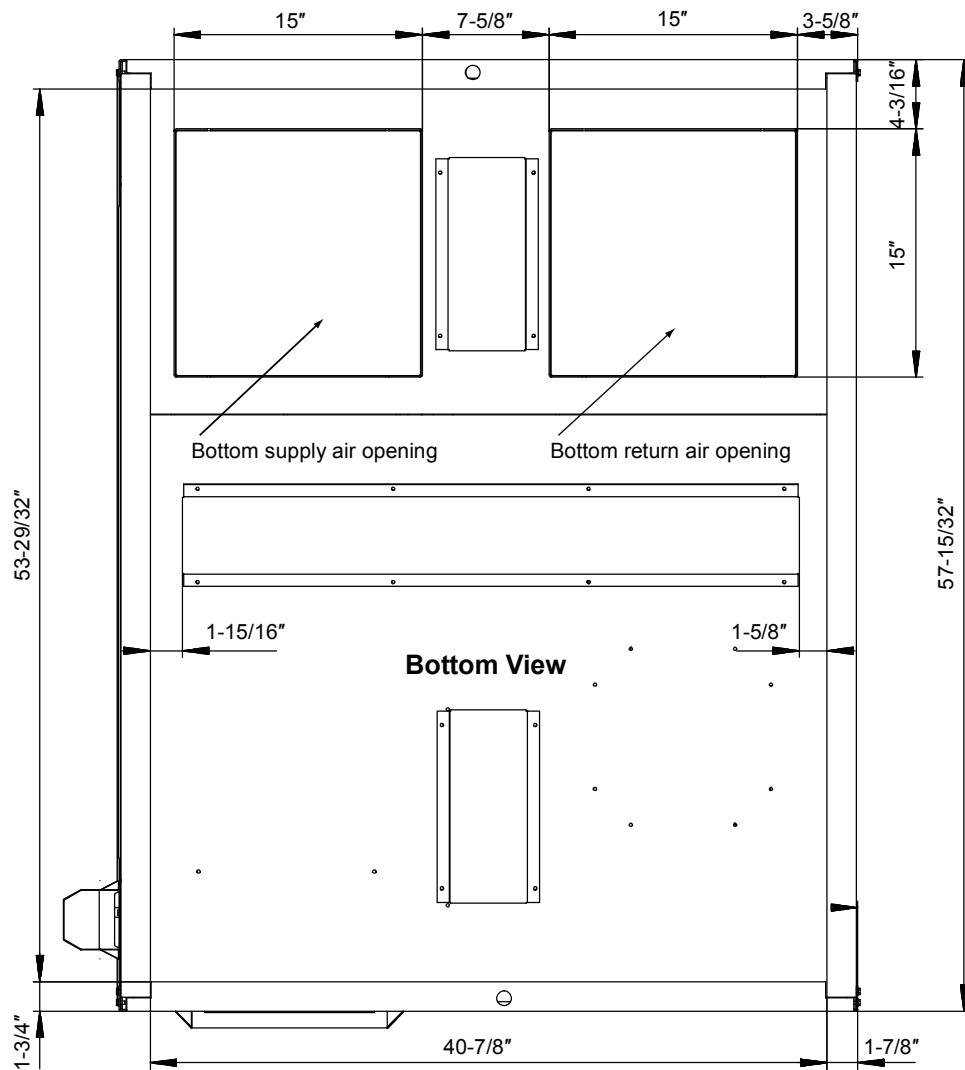
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SUBMITTAL

3.0 Ton High-Efficiency Gas Package Unit M4PG4036A1090A





Dimensions Back and Bottom

PRODUCT SPECIFICATIONS

Specifications

MODEL	M4PG4036A1090A
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	22.2
BR. CIR. PROT. RTG. - MAX. (AMPS)	35
SOUND POWER LEVEL[dB(A)]	71
GAS HEATING PERFORMANCE	
HEATING INPUT (Btu)	90,000
HEATING OUTPUT (Btu)	72,900
TEMP. RISE RANGE (°F)	25-55
AFUE (%)	81
GAS CONNS. PIPE SIZE	1/2
COMPRESSOR	SCROLL
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	15.3 - 70.0
CONDENSER FAN	
DIA. (IN.)	22
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	1/6
MOTOR SPEED R.P.M.	845
VOLTS/PH/HZ	208/230/1/60
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

EVAPORATOR FAN	
DRIVE- NO. SPEEDS	DIRECT - 4
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	3/4
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	3.5
EVAPORATOR COIL	
ROWS- F.P.I.	3 - 14
FACE AREA (SQ. FT.)	6.53
TUBE SIZE (IN.)	3/8
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410	4 LBS. - 7 OZ.
DIMENSIONS	
CRATED (IN.)	46-5/8X43-7/16X59-7/16
WEIGHT	
SHIPPING (LBS.)	551
NET (LBS.)	531

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):	

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CERTIFICATE NO.:

131212381924936198

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

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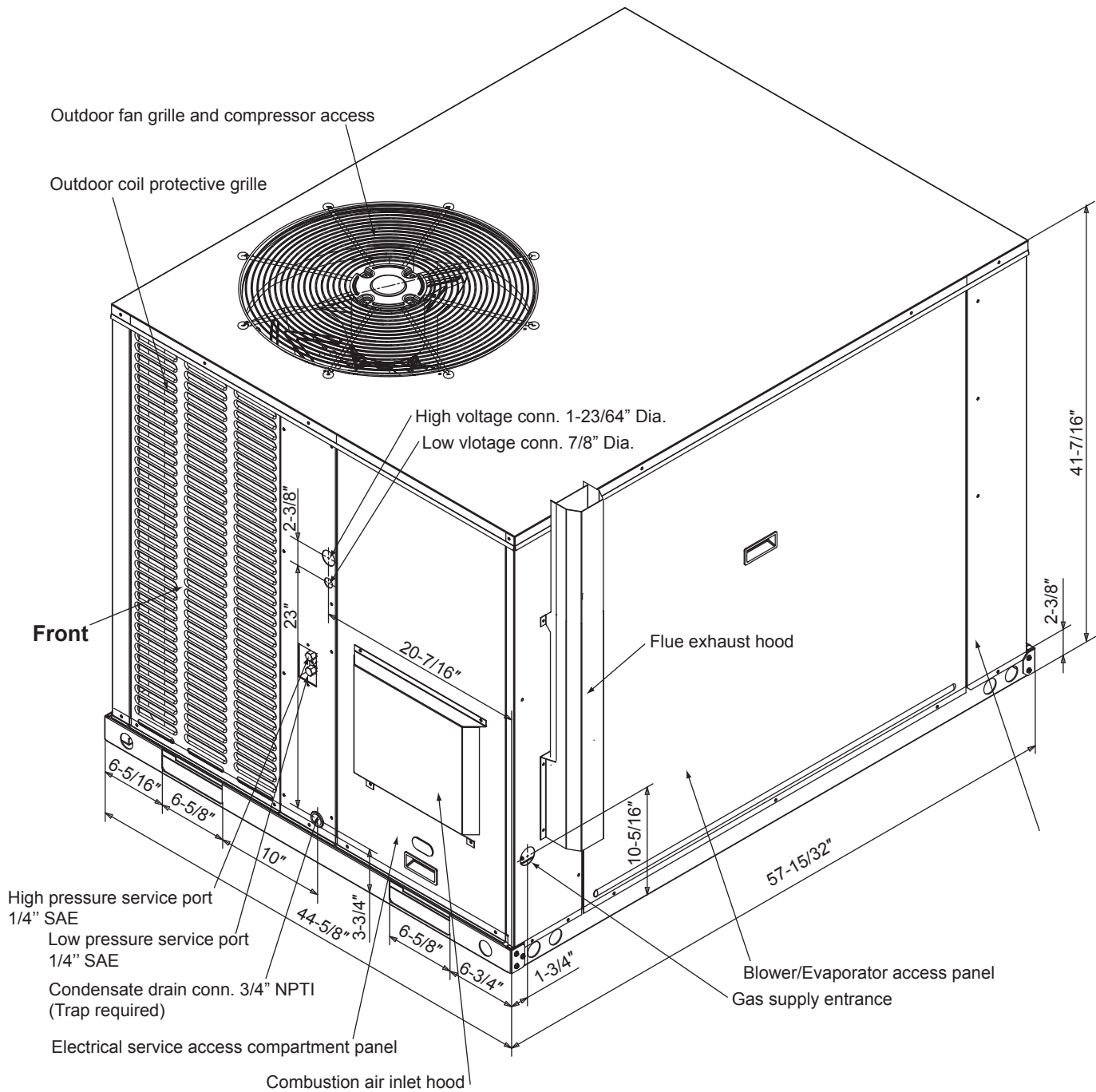
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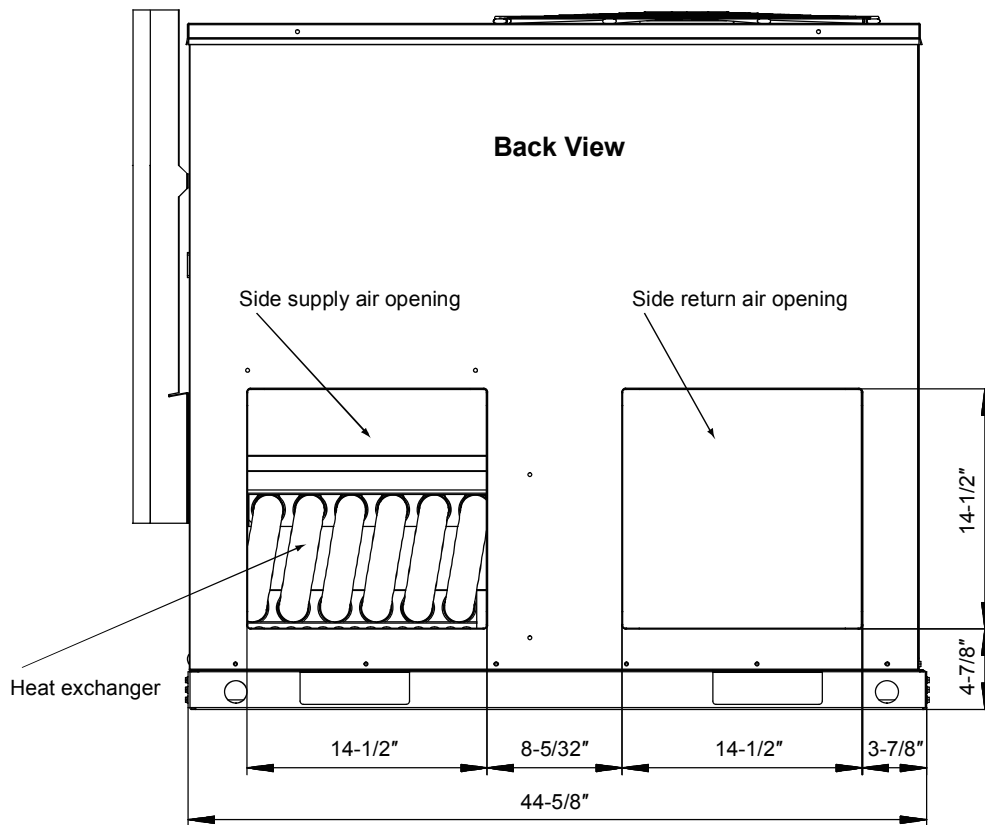
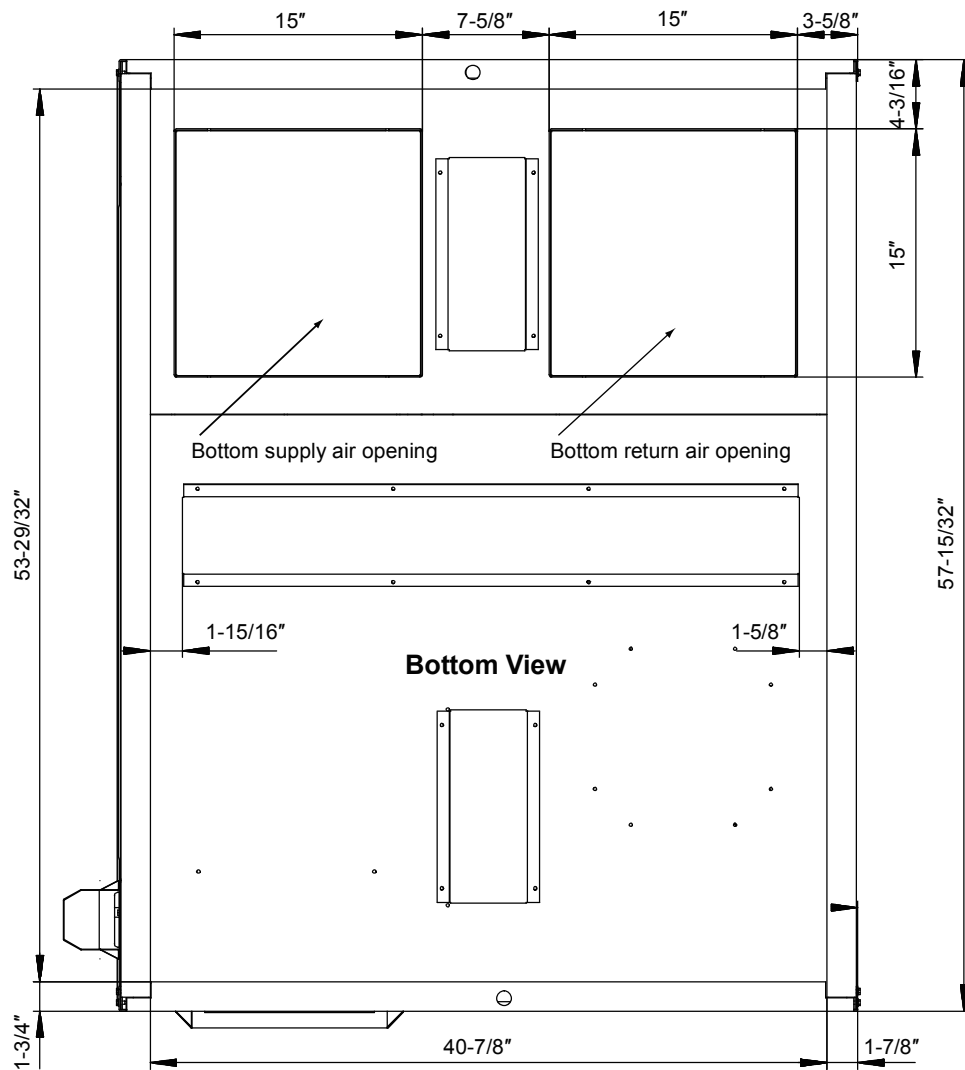
CERTIFICATE NO.: 131212383079804198

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SUBMITTAL

3.5 Ton High-Efficiency Gas Package Unit M4PG4042A1090A





Dimensions Back and Bottom

PRODUCT SPECIFICATIONS

Specifications

MODEL	M4PG4042A1090A
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	27.4
BR. CIR. PROT. RTG. - MAX. (AMPS)	45
SOUND POWER LEVEL[dB(A)]	78
GAS HEATING PERFORMANCE	
HEATING INPUT (Btu)	90,000
HEATING OUTPUT (Btu)	72,900
TEMP. RISE RANGE (°F)	25-55
AFUE (%)	81
GAS CONNS. PIPE SIZE	1/2
COMPRESSOR	SCROLL
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	17.9 - 112
CONDENSER FAN	
DIA. (IN.)	22
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	1/3
MOTOR SPEED R.P.M.	1100
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

EVAPORATOR FAN	
DRIVE- NO. SPEEDS	DIRECT - 4
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	3/4
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	3.5
EVAPORATOR COIL	
ROWS- F.P.I.	3 - 16
FACE AREA (SQ. FT.)	8.7
TUBE SIZE (IN.)	5/16
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410	6 LBS. - 12 OZ.
DIMENSIONS	
CRATED (IN.)	46-5/8X43-7/16X59-7/16
WEIGHT	
SHIPPING (LBS.)	602
NET (LBS.)	582

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):	

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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.

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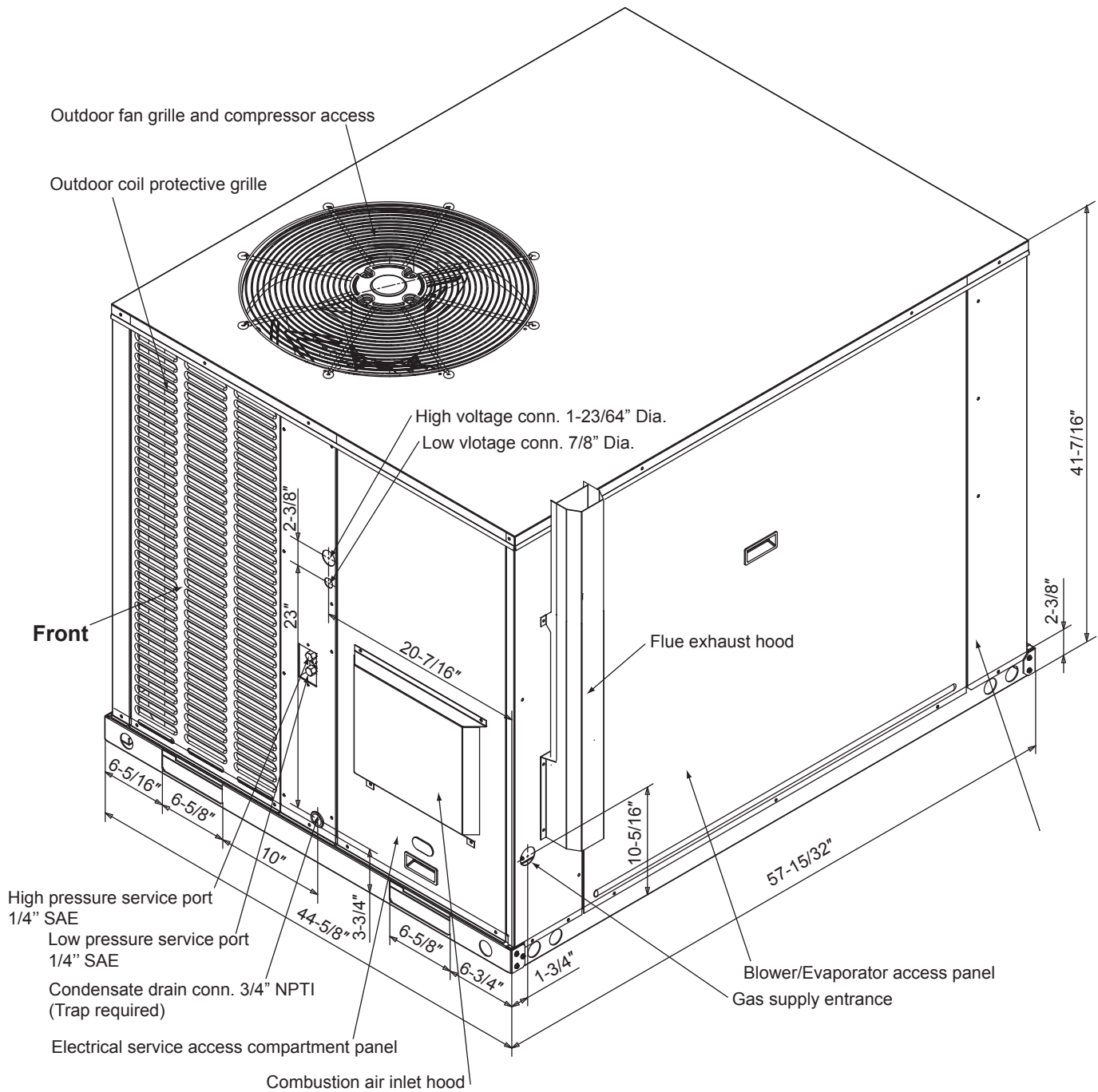
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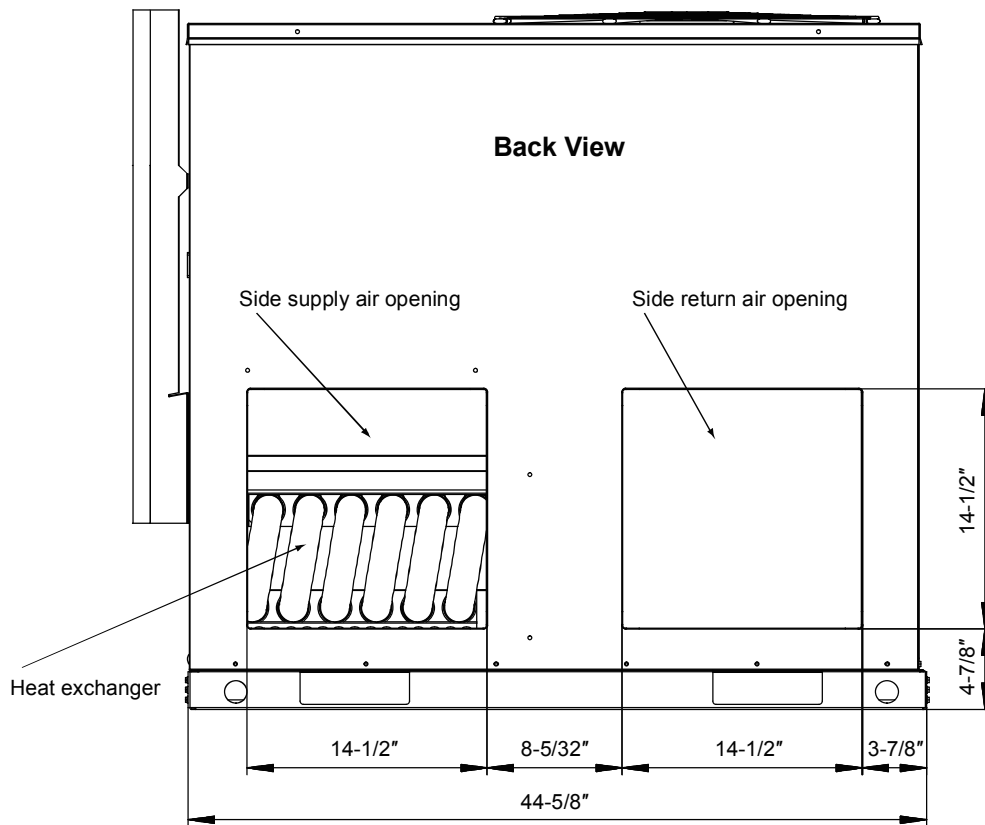
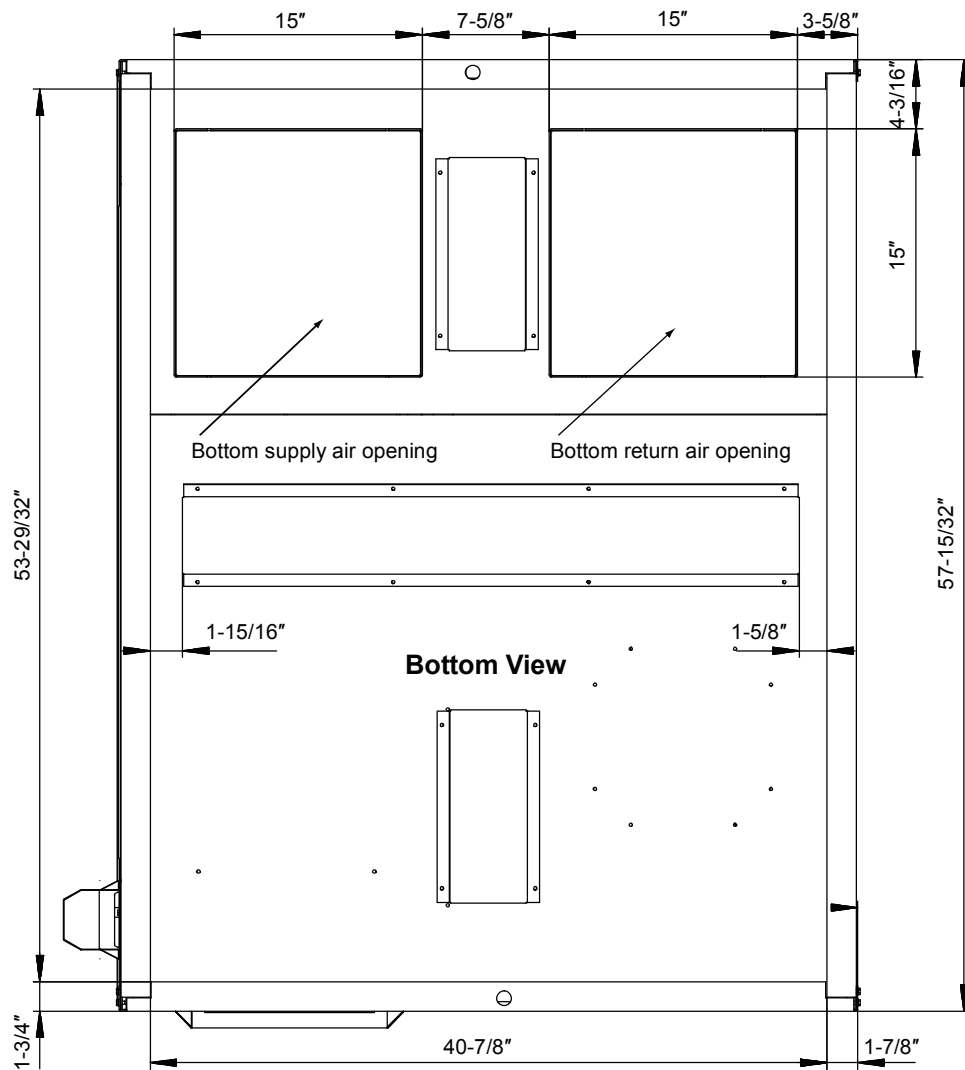
CERTIFICATE NO.: 131212383150784198

TAG: _____

SUBMITTAL

**4.0 Ton
High-Efficiency Gas Package Unit
M4PG4048A1090A**





Dimensions Back and Bottom

PRODUCT SPECIFICATIONS

Specifications

MODEL	M4PG4048A1090A
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	36.3
BR. CIR. PROT. RTG. - MAX. (AMPS)	60
SOUND POWER LEVEL[dB(A)]	76
GAS HEATING PERFORMANCE	
HEATING INPUT (Btu)	90,000
HEATING OUTPUT (Btu)	72,900
TEMP. RISE RANGE (°F)	25-55
AFUE (%)	81
GAS CONNS. PIPE SIZE	1/2
COMPRESSOR	SCROLL
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	24.2 - 100
CONDENSER FAN	
DIA. (IN.)	22
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	1/3
MOTOR SPEED R.P.M.	1100
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

EVAPORATOR FAN	
DRIVE- NO. SPEEDS	DIRECT - 4
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	1/3
MOTOR SPEED R.P.M.	1100
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	5.5
EVAPORATOR COIL	
ROWS- F.P.I.	3 - 14
FACE AREA (SQ. FT.)	8.7
TUBE SIZE (IN.)	3/8
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410	7 LBS. - 1 OZ.
DIMENSIONS	
CRATED (IN.)	46-5/8X43-7/16X59-7/16
WEIGHT	
SHIPPING (LBS.)	602
NET (LBS.)	584

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):	

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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.

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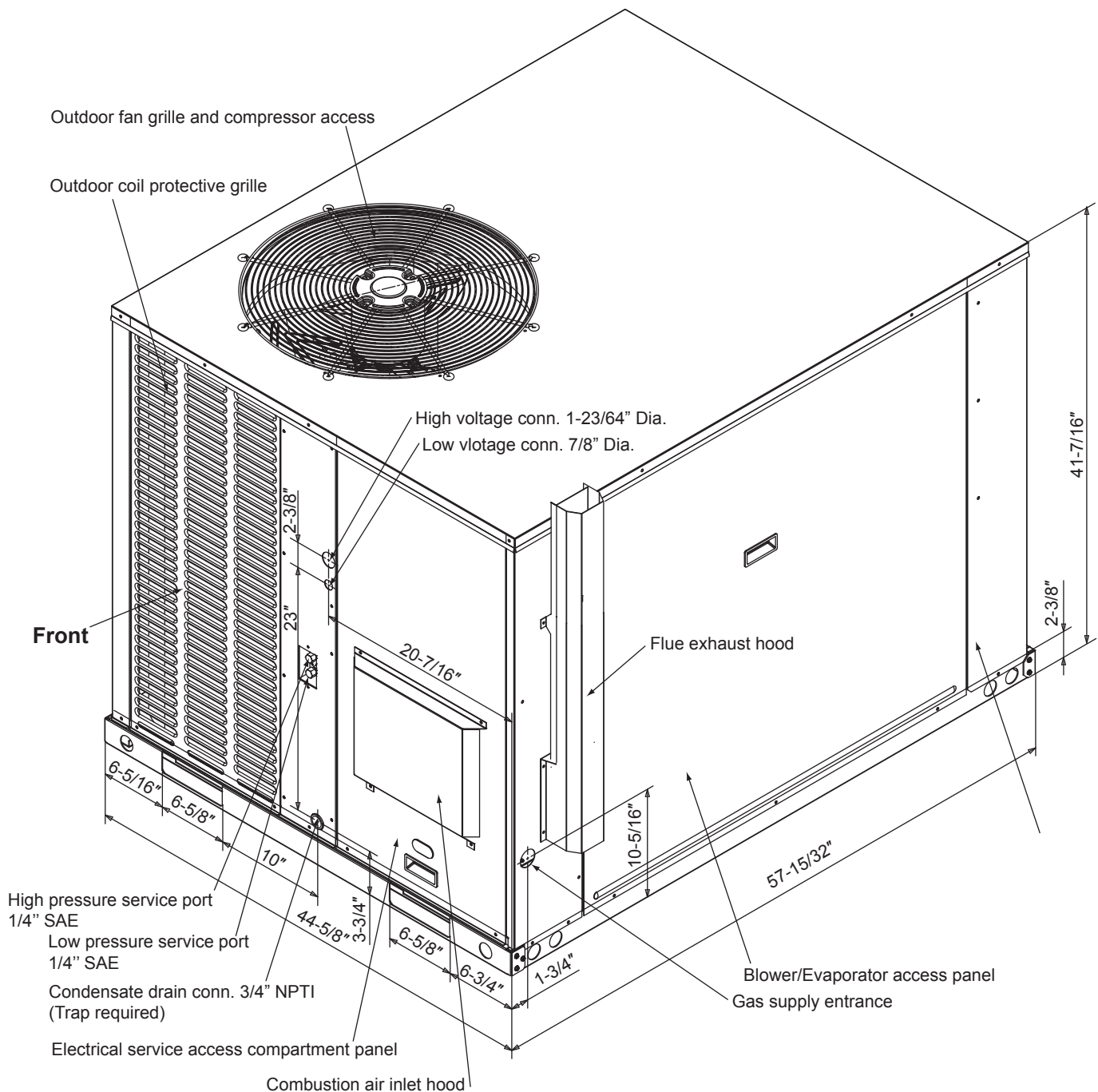
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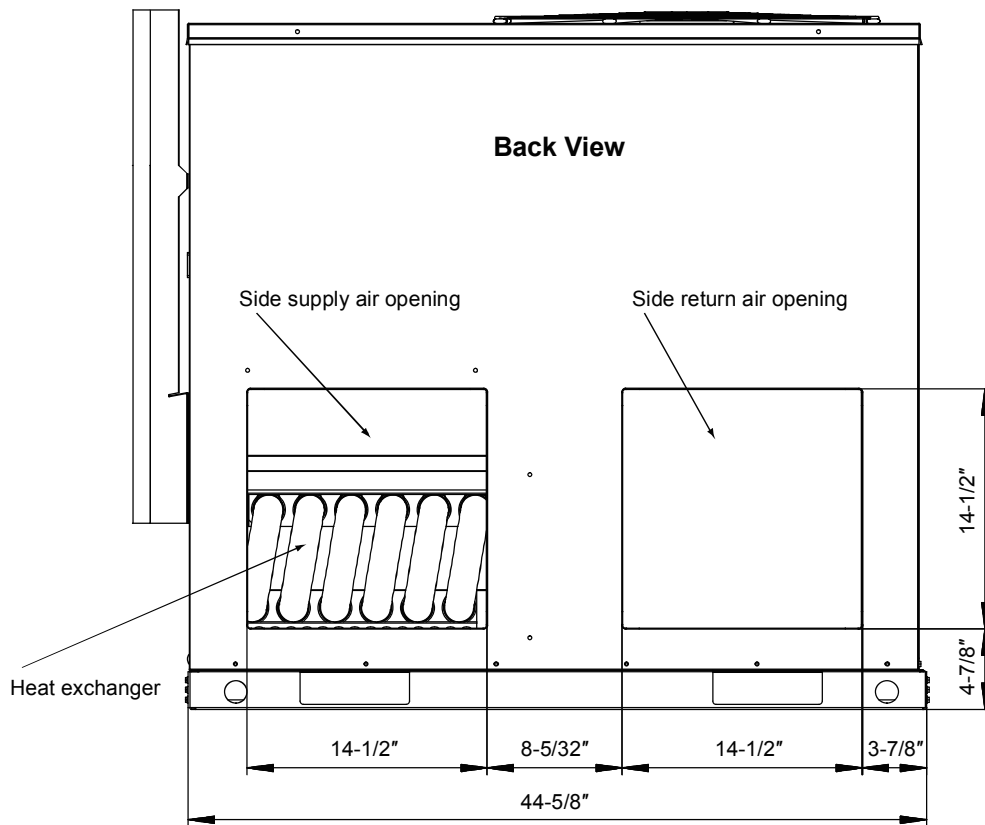
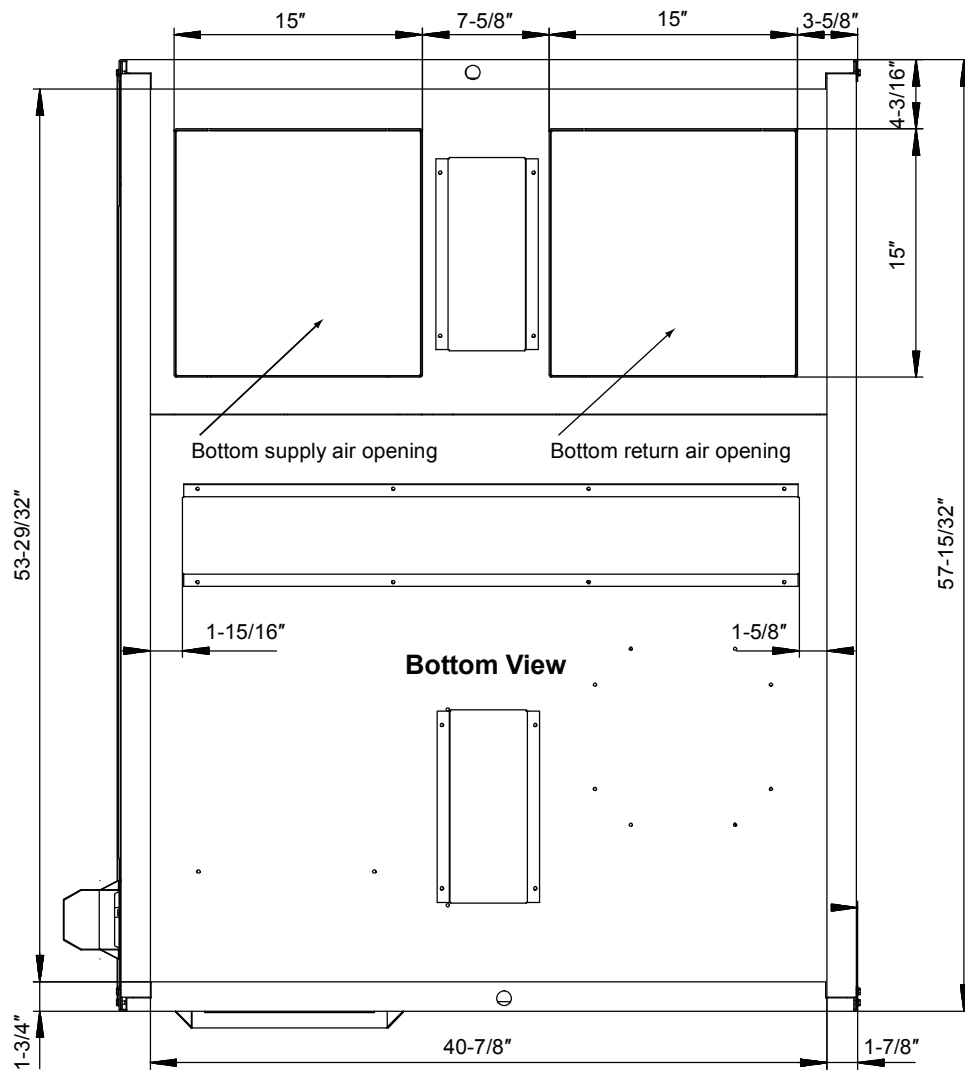
M4PG4060B1090AA

TAG: _____

SUBMITTAL

5.0 Ton
High-Efficiency Gas Package Unit
M4PG4060B1090AA





Dimensions Back and Bottom

PRODUCT SPECIFICATIONS

Specifications

MODEL	M4PG4060B1090AA
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	35.6
BR. CIR. PROT. RTG. - MAX. (AMPS)	60
GAS HEATING PERFORMANCE	
HEATING INPUT (Btu)	90,000
HEATING OUTPUT (Btu)	72,900
TEMP. RISE RANGE (°F)	25-55
AFUE (%)	81
GAS CONNS. PIPE SIZE	1/2
COMPRESSOR	SCROLL
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	22.2 - 127.9
CONDENSER FAN	
DIA. (IN.)	22
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	1/3
MOTOR SPEED R.P.M.	1100
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

EVAPORATOR FAN	
DRIVE- NO. SPEEDS	DIRECT - 4
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	3/4
MOTOR SPEED R.P.M.	1050
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	6.3
EVAPORATOR COIL	
ROWS- F.P.I.	3 - 16
FACE AREA (SQ. FT.)	8.7
TUBE SIZE (IN.)	5/16
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410	5 LBS. - 6 OZ.
DIMENSIONS	
CRATED (IN.)	46-5/8X43-7/16X59-7/16
WEIGHT	
SHIPPING (LBS.)	607
NET (LBS.)	587

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):	

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CERTIFICATE NO.:

131205560563595788

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

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CERTIFICATE NO.: 131205561307252555

M4PG4060B1130AA

SUBMITTAL

Outdoor fan grille and compressor access

Outdoor coil protective grille

High voltage conn. 1-23/64" Dia.
Low voltage conn. 7/8" Dia.

Flue exhaust hood

Blower/Evaporator access panel
Gas supply entrance

Combustion air inlet hood

Electrical service access compartment panel

Condensate drain conn. 3/4" NPTI
(Trap required)

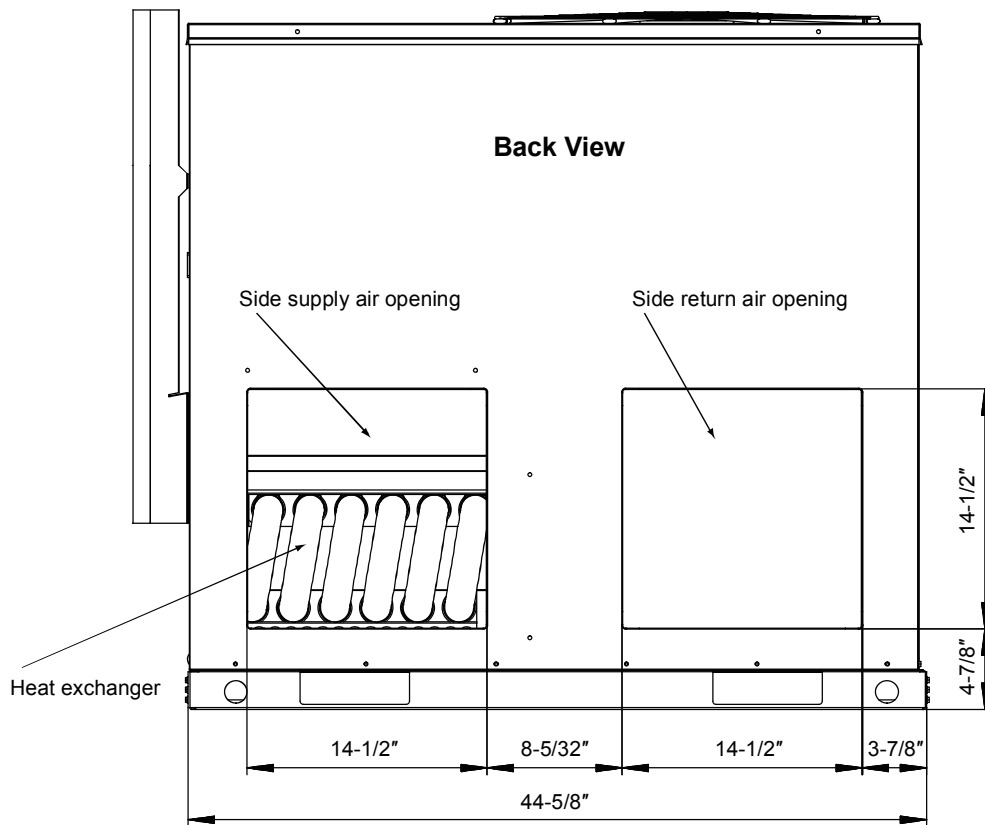
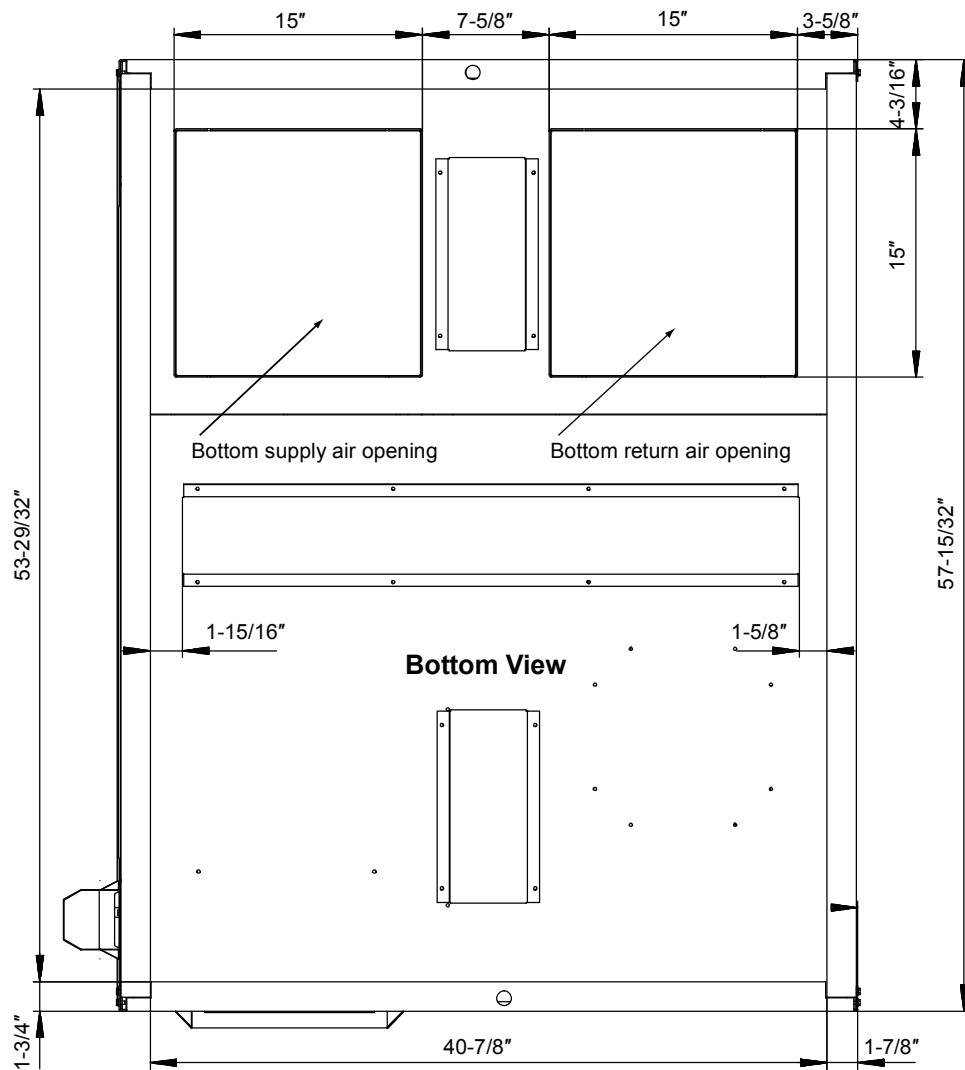
Low pressure service port
1/4" SAE

High pressure service port
1/4" SAE

Front

Dimensions:

- 41-7/16"
- 2-3/8"
- 57-15/32"
- 10-5/16"
- 1-3/4"
- 6-3/4"
- 6-5/8"
- 44-5/8"
- 3-3/4"
- 10"
- 6-5/16"
- 6-5/8"
- 20-7/16"
- 23"
- 2-3/8"



Dimensions Back and Bottom

PRODUCT SPECIFICATIONS

Specifications

MODEL	M4PG4060B1130AA
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	35.6
BR. CIR. PROT. RTG. - MAX. (AMPS)	60
GAS HEATING PERFORMANCE	
HEATING INPUT (Btu)	130,000
HEATING OUTPUT (Btu)	105,300
TEMP. RISE RANGE (°F)	35-65
AFUE (%)	81
GAS CONNS. PIPE SIZE	1/2
COMPRESSOR	SCROLL
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	22.2 - 127.9
CONDENSER FAN	
DIA. (IN.)	22
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	1/3
MOTOR SPEED R.P.M.	1100
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

EVAPORATOR FAN	
DRIVE- NO. SPEEDS	DIRECT - 4
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	3/4
MOTOR SPEED R.P.M.	1050
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	6.3
EVAPORATOR COIL	
ROWS- F.P.I.	3 - 16
FACE AREA (SQ. FT.)	8.7
TUBE SIZE (IN.)	5/16
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410	5 LBS. - 6 OZ.
DIMENSIONS	
CRATED (IN.)	D X H X W 46-5/8X43-7/16X59-7/16
WEIGHT	
SHIPPING (LBS.)	628
NET (LBS.)	609

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):	

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

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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.

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