Job Name/Location: **Tag No.:**

Date: **For:** ☐ File ☐ Resubmit ☐ Approval ☐ Other

PO No.:

Architect: **GC:**

Engr: **Mech:**

Rep:
(Company) (Project Manager)



ARNH963K2A4

Hydro Kit Medium Temperature
96 MBh Indoor Unit

LG Life's Good

Performance:

Cooling Mode:

Rated Capacity (Btu/h)	95,900
Entering Water Temperature Range (°F)	50 - 95
Leaving Water Temperature Range (°F)	41 - 77

Heating Mode:

Rated Capacity (Btu/h)	107,500
Entering Water Temperature Range (°F)	50 - 122
Leaving Water Temperature Range (°F)	68 - 122

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Electrical:

Power Supply (V/Hz/Ø)[1]	208-230/60/1
Power Input (kW) Cooling / Heating	0.01 / 0.01
MOP (A)	15
MCA (A)	0.1
Rated Amps (A)	0.08

MOP — Maximum Overcurrent Protection MCA — Minimum Circuit Ampacity

Standard Features:

- Water cooling and medium temperature heating
- Domestic water heating[4]
- Cold surface insulation
- Factory mounted inlet/outlet water temperature sensors
- Wi-Fi compatible
- Factory mounted internal flow switch
- Third-party thermostat interface[5,6]
- Group control[7]
- Remote on/off site monitoring capability via the internet[8]

Water Flow Control Options:

- Water Pump On / Off Interlock
- 208V 3-Way Diverting Valve[9,10,11]
- 208V 2-Way Heating Circuit Isolation Valve[9,10,4]

Included Accessories:

- Hot Water Tank Temp Sensor with 32-foot Communication Cable[12,13]
- 1 /2" Male Pipe Thread (MPT) Hot Water Tank Sensor Well[12]
- Remote Wall Mounted Hydro Kit Controller with 32-foot Communication Cable[12,13]
- Standby Power Module[12,14]
- 1" Female Pipe Thread (FPT) 50 Mesh Inlet Strainer[12]

Optional Accessories:

☐ Dry Contact – PDRYCB300 / PDRYCB100
☐ Remote Temperature Sensor – ZRTBS01
☐ Wired Remote Group Control Cable Assembly – PZCWRC1[12,15]
☐ Solar Heating System Interface Kit - PHLLA
☐ Ancillary (Solar) Heating System Tank Replacement Sensor (included with the PHLLA) - MEG6186102
☐ LG MultiSITE™ Communications Manager – PBACNBTR0A
☐ AC Smart™ 5 – PACS5A000
☐ ACP 5 – PACP5A000
☐ ACP LonWorks® – PLNWKB100
☐ Wi-Fi Module – PWFMDD200

Piping:

Liquid Line (inches, O.D.)	3/8 Braze
Vapor Line (inches, O.D.)	7/8 Braze
Water Inlet / Outlet (inches, O.D.)	1, Male Pipe Thread
Condensate Outlet (inches, O.D.)	1, Male Pipe Thread

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure dB(A)[2] Cooling / Heating	26 / 26
Net Weight (lbs.)	77
Shipping Weight (lbs.)	89
Heat Rejected to Equip. Rm. (Btu/h)	Negligible
Factory Charge	Dry Nitrogen

Heat Exchanger:

Heat Exchanger	Refrigerant to Water
Heat Exchanger Type	316 Stainless / Brazed Plate
Rated Water Flow (GPM)	24.3
Nominal Pressure Drop[3] (ft-wg)	23.1
Flow Range (GPM)	8 - 24.3
Water Side Volume (US Gallons)	0.58
Water Side Design Pressure (psig)	640

Notes:

1. Voltage fluctuation tolerance is ±10%.
2. Sound pressure levels tested in an anechoic chamber in accordance with ISO Standard 3475.
3. Water only (no antifreeze).
4. Requires the use of an indirect water storage tank.
5. Field provided and mounted.
6. Field provided thermostat must be a 208V, 24V or mechanical type. Must be field adjustable heating only or cooling / heating with a manual changeover. Cooling and heating setpoint, deadband, and manual restart functions provided by Hydro Kit Controller are not available with use of a third-party thermostat. Cannot be used in conjunction with remote temperature sensor.
7. Wired Remote Group Control Cable Assembly (PZWRCG3) required and sold separately.
8. Monitoring capability available using a MultiSITE Communication Manager, AC Smart 5, or ACP 5 (sold separately).
9. Not required on dedicated domestic water heating applications.
10. Alternates flow between comfort cooling/heating equipment and water heating tank.
11. Shut-off flow to in-floor heating circuit while operating in cooling mode.
12. Field mounted.
13. Cannot field splice. To extend cable length, use Group Control Extension Cable (PZCWRC1), sold separately.
14. On power outage, closes EEV valve(s) to prevent heat exchanger freezing.
15. Requires the installation of the Hydro Kit controller. Does not apply when used in conjunction with a third-party thermostat.

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C SA US Inverter

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Job Name/Location: _____

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Hydro Kit Medium Temperature

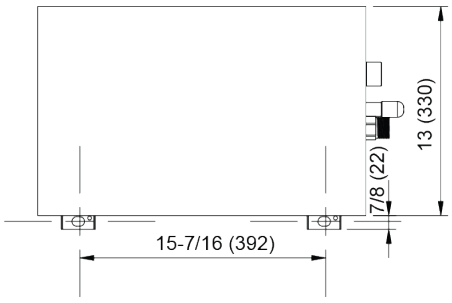
96 MBh Indoor Unit

Tag No.: _____

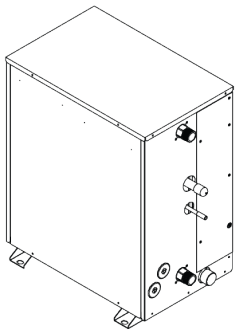
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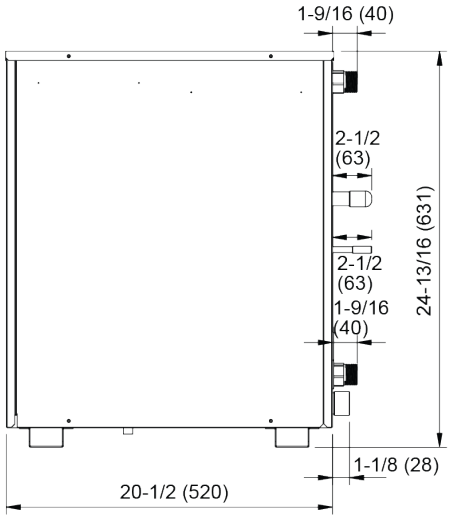
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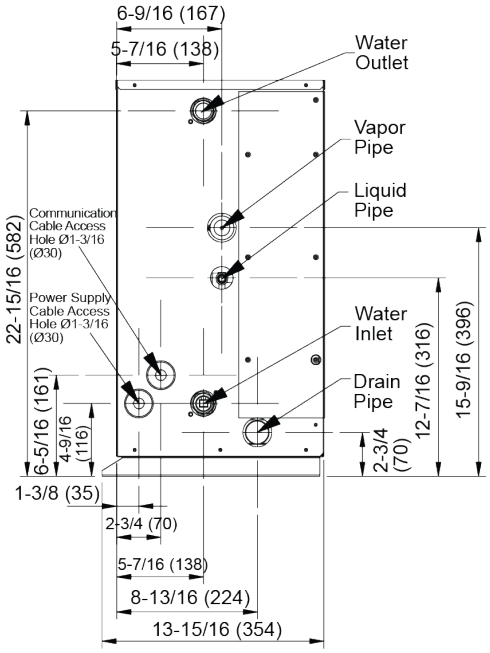
Unit: Inches (mm)

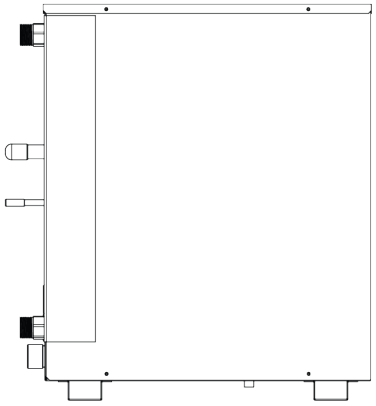


3D View









Note:

1. The unit must be installed in compliance with the installation manual.
2. Power to the unit must be grounded in accordance with all applicable state, local, and national regulations and codes.
3. All field-supplied electrical components and materials must comply all applicable state, local, national, and international regulations and codes.

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