

**Job Name:** \_\_\_\_\_

**Location:** \_\_\_\_\_

**Purchaser:** \_\_\_\_\_

**Engineer:** \_\_\_\_\_

**Submitted To:** \_\_\_\_\_

**For:**  Reference  Approval  Construction

**Submitted By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Unit Designation:** \_\_\_\_\_

**Connected to ERLQ036:**

Nominal pump ESP (Heating)	7.34 psi
Nominal pump ESP (Cooling)	--
<b>Waterside Heat Exchanger :</b> Volume	0.27 gal
Flow rate Min/Max	4.23/15.32 gpm
Nominal flow rate (Heating)	8.47 gpm
Nominal flow rate (Cooling)	--

**Connected to ERLQ048:**

Nominal pump ESP (Heating)	5.48 psi
Nominal pump ESP (Cooling)	--
<b>Waterside Heat Exchanger :</b> Volume	0.27 gal
Flow rate Min/Max	4.23/15.32 gpm
Nominal flow rate (Heating)	10.59 gpm
Nominal flow rate (Cooling)	--

**Connected to ERLQ054:**

Nominal pump ESP (Heating)	3.92 psi
Nominal pump ESP (Cooling)	--
<b>Waterside Heat Exchanger :</b> Volume	0.27 gal
Flow rate Min/Max	4.23/15.32 gpm
Nominal flow rate (Heating)	12.12 gpm
Nominal flow rate (Cooling)	--

**Connected to all Outdoor units:**

Expansion Vessel Volume	2.64 gal
Max. water pressure	43.5 psi
Pre Pressure	14.5 psi
Water Inlet/Outlet Piping Connt.	1-1/4" Male BSP
Total water volume	1.45 gal
Leaving Water Temp (Heating)	(59) 77~131°F* [(15) 25~55°C]
Leaving Water Temp (Cooling)	--
Refrigerant Connection - Gas side	5/8" OD (flare)
- Liquid Side	3/8" OD (flare)
<b>Pump:</b> No. of speed	3

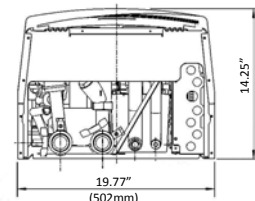
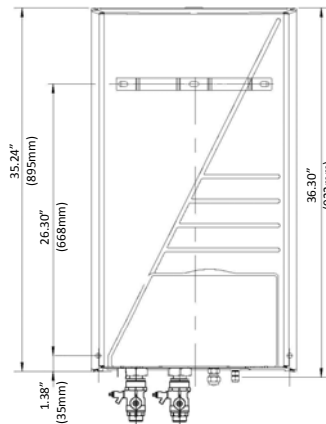
\*Back up heater operation between 59°F(15°C) and 77°F(25°C)

**Power Supply:**

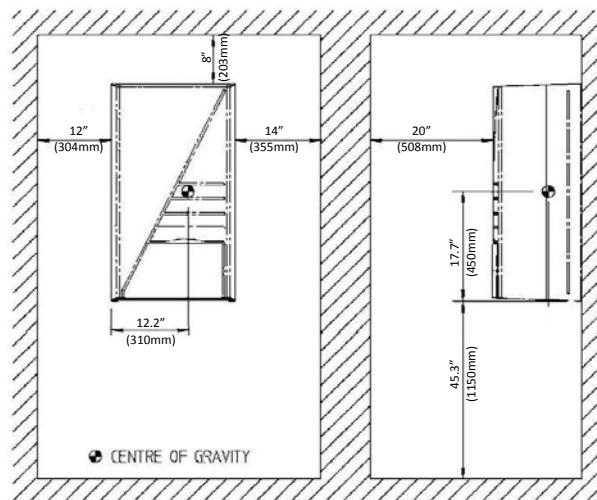
Main Power (fed from outdoor unit)	208-230V/1Ph/60Hz
Back-up Heater Power Supply	208-230V/1Ph/60Hz
Back-up heater capacity	3 kW
Minimum Circuit Amps (MCA)	14.3 Amps
Maximum Overcurrent Protection (MOP)	20.0 Amps

**Unit Data:**

Dimensions (HxWxD)	36-5/16 x 19-3/4 x 14-7/32
Weight	123 lbs



For further information about the installation, please refer to the Installation and Engineering Guides



Service & Clearance Space Hydrobox

**Standard Features:**

Parts warranty	5 years
Limited labor warranty	1 year

**Options:**

BSP to NPT Connection Adaptor	DACA-HBA-1
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