

# Technical Data Sheet

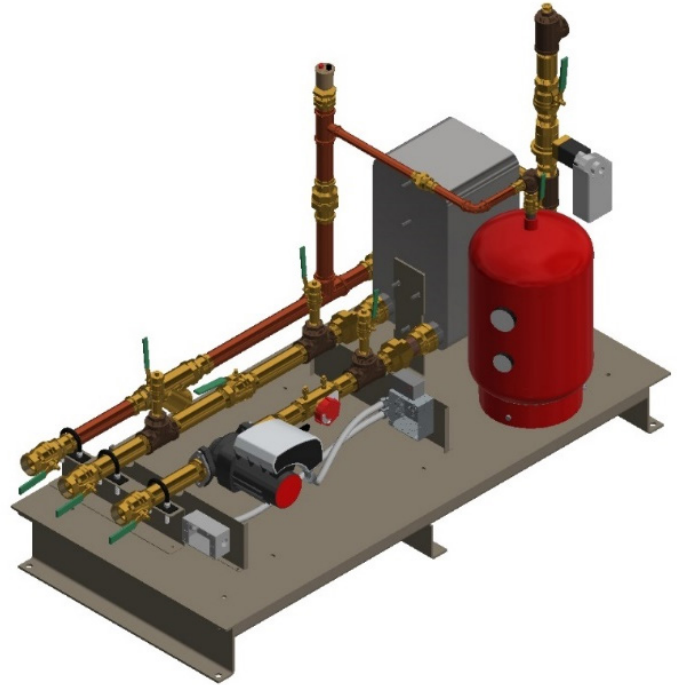


*Engineered Solutions*

## Mark I Heat Exchanger Module

Lync's heat exchanger modules are designed to work with the Aegis heat pump to provide all necessary components for the closed loop in a single unit. Aegis heat pumps require a closed loop to prevent scale build up within the unit's heat exchanger and the Heat Exchanger Module separates these two loops from one another. The module is designed for glycol in the primary loop to prevent freezing for outdoor installations.

The maximum output of the Aegis heat pump is 180°F and the Mark I can produce potable water up to 160°F to your application. The Module makes it easy to link the Aegis unit with the storage tanks. The double walled heat exchanger with positive leak detection meets heat exchanger codes.



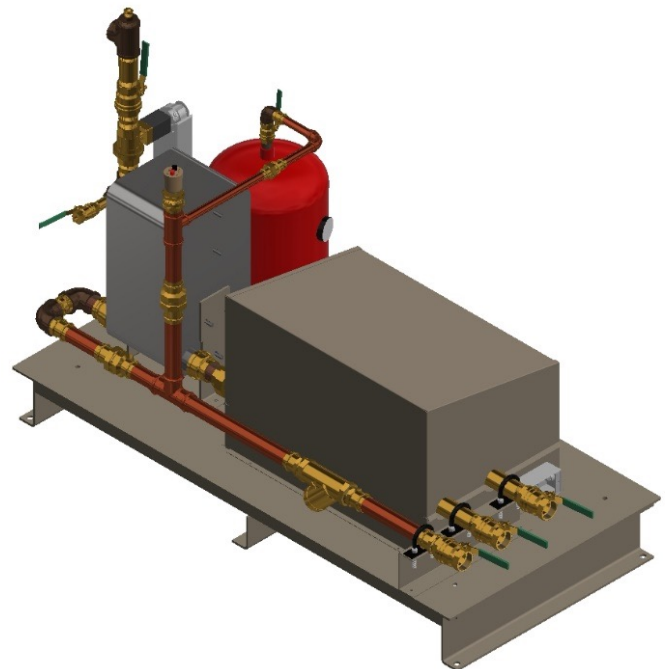
## Components

Primary Loop: strainer, air vent, expansion tank, flush and fill ports, isolation valves

Secondary loop: variable speed pump, check valve, balance valve, heat exchanger cleanouts, control valve, sensor well, isolation valves

## Features

- 160°F max potable water temperature
- Operates from -4°F to 113°F
- Cover included for outdoor installation
- Designed to work with Aegis units
- Built and tested by Watts to ensure proper operation of the Aegis units



## Technical Data

Performance	Aegis Unit Size		250, 350 and 500
	Aegis Type		Air/Water
	Maximum Power	BTH (kW)	600,000 (176)
	Maximum Primary Loop Temperature (Aegis)	°F (°C)	180 (82)
	Maximum Potable Water Temperature	°F (°C)	160 (71)
	Pressure Rating Primary Loop	PSI (KPa)	150 (1034)
	Pressure Rating DHW Side	PSI (KPa)	175 (1207)
	Outdoor Temperature Range	°F (°C)	Up to 170 (77)
	Connections		1 ½" NPT
	Number of HX		1
	Maximum Glycol Percentage	%	40
	HX Type		Double Wall
	Maximum Component Temperature Rating	°F (°C)	210°F (90°C)
Electric	Voltage	VAC	120
	Current	A	15A dedicated circuit
Dimensions	Width	Inch (mm)	29.0 (737)
	Depth	Inch (mm)	60.0 (1524)
	Height	Inch (mm)	43.02 (1093)
	Weight	Lbs. (Kg)	556 (252)

## Dimensions



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