



# Light Commercial Aquaculture Heating Package

The Delta Hydronics Light Commercial Aquaculture Heating Package is a compact, energy efficient, and cost effective way to provide centralized heating to multiple points in an aquaculture system. This package can be used to heat any body of water such as raceways, nursery tanks, broodstock, etc. The LCAP utilizes a 95% efficient Condensing Boiler, Insulated & Jacketed Buffer Tank, and Titanium/ Stainless Steel Immersion Grid Coil Heat Exchangers to maintain each location at its desired temperature setpoint. Every point will have its own dedicated circulation pump and Electronic Temperature Controller, which would activate the pump to circulate heated water through the Heat Exchanger when the aquatic water temperature dropped below a desired setpoint. Pumps can be pre-plumbed and mounted as shown, or installed in the field.



## PACKAGE SPECIFICATIONS

| MODEL NUMBER | BTU OUTPUT | SKID DIMENSIONS | BUFFER TANK SIZE | BTU OUTPUT PER HEX (ASSUMING 5 SETPOINTS) | GRID COIL HTA & DIMENSIONS (ASSUMING 5 SETPOINTS) |
|--------------|------------|-----------------|------------------|---|---|
| DHLCAP-0199  | 199 500    | 48" x 48" x 72" | 30 GALLON        | 39 900 BTU's                              | 6.5 sq.ft. [36" x 12"]                            |
| DHLCAP-0270  | 270 750    | 48" x 48" x 72" | 30 GALLON        | 54 150 BTU's                              | 8.6 sq. ft. [48" x 12"]                           |
| DHLCAP-0376  | 376 000    | 48" x 48" x 72" | 30 GALLON        | 75 200 BTU's                              | 12 sq.ft. [72" x 12"]                             |
| DHLCAP-0470  | 470 000    | 48" x 48" x 72" | 30 GALLON        | 94 000 BTU's                              | 15 sq. ft. [60" x 18"]                            |
| DHLCAP-0564  | 564 000    | 54" x 48" x 72" | 50 GALLON        | 112 800 BTU's                             | 18 sq. ft. [48" x 24"]                            |
| DHLCAP-0658  | 658 000    | 57" x 48" x 72" | 50 GALLON        | 131 600 BTU's                             | 21 sq. ft. [60" x 24"]                            |
| DHLCAP-0752  | 752 000    | 54" x 48" x 72" | 50 GALLON        | 150 400 BTU's                             | 24 sq. ft. [72" x 24"]                            |

\* Larger sizes available upon request

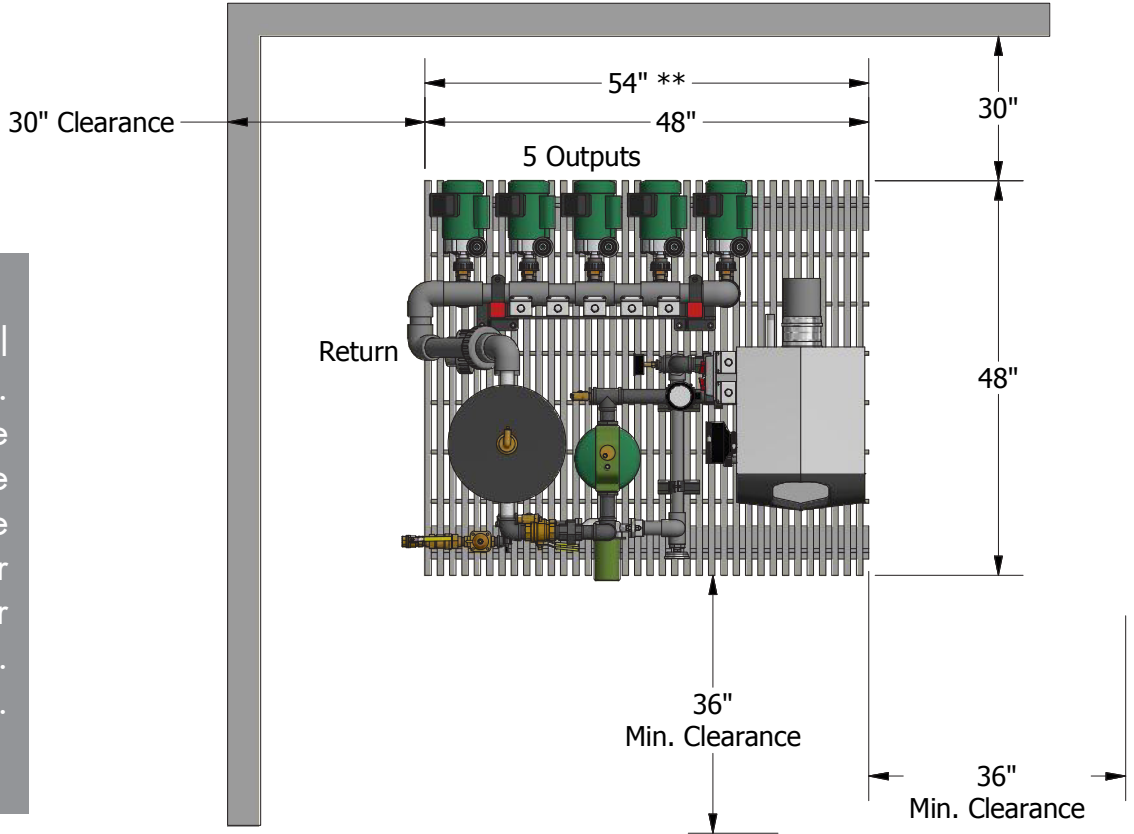
\*\*# of setpoints and grid coil size will vary based on application.



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## DIMENSIONS

Wall potential locations. There must be sufficient clearance to access the pumps for maintenance or repair. 30" minimum.



\*\* Skid width for Model DHLCAP-0564, DHLCAP-0658 & DHLCAP-0752.

### TOP VIEW

