



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

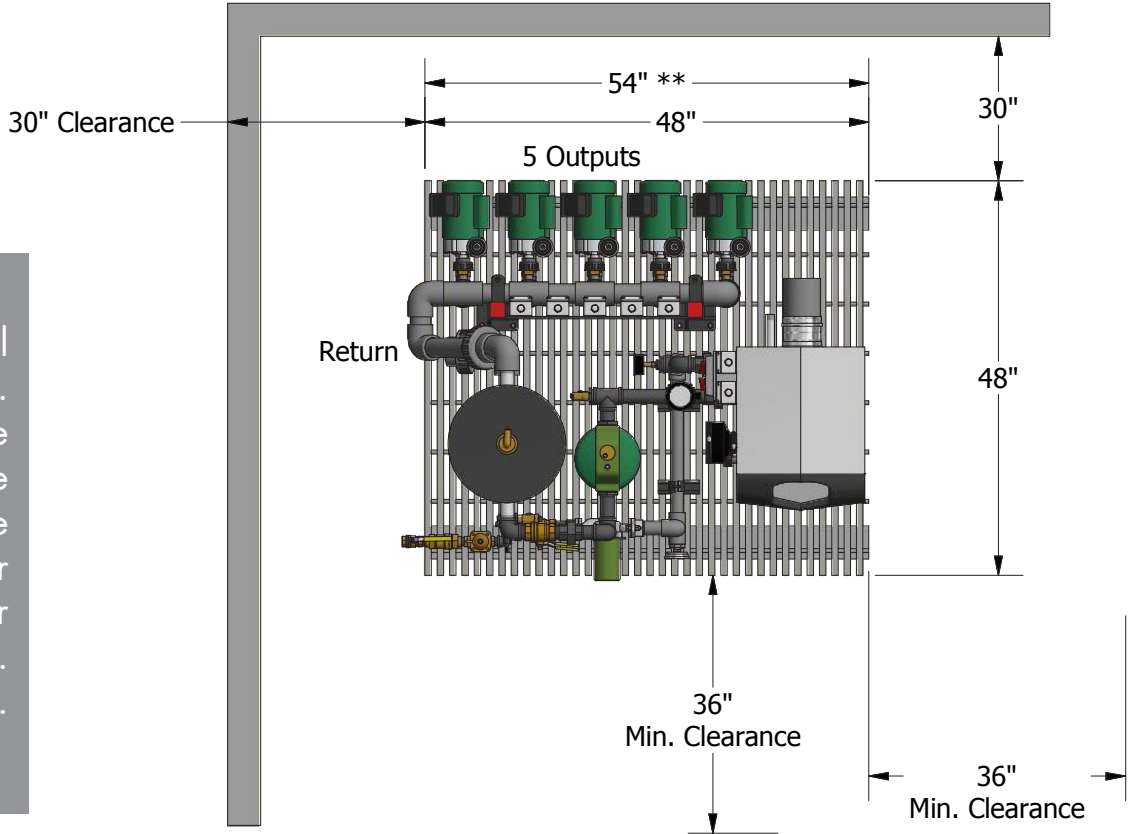
**# of setpoints and grid coil size will vary based on application.



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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

