

00080 - Community Center

12000 - Pool

708 - Equipment: Replacement
 2 Pool Equipment Room- Filters

Useful Life 10 Remaining Life 6
 Quantity 2 Unit of Measure Items
 Cost /Itm \$2,500
 % Included 100.00% Total Cost/Study \$5,000

Summary

Replacement Year 2018/2019 Future Cost \$5,798

This is to replace the Paragon Aquatics pool filters by Pentair.



720 - Heater
 Pool Equipment Room

Useful Life 10 Remaining Life 6
 Quantity 1 Unit of Measure Items
 Cost /Itm \$15,000
 % Included 100.00% Total Cost/Study \$15,000

Summary

Replacement Year 2018/2019 Future Cost \$17,395

This is to replace the pool water heater.

Pentair Water- Power Max Commercial Heater
 Manufactured Date: Mar 04, 2009
 Model Number: PM2000PACC2BXN
 Serial Number C 09 210558
 National Board: 210558



Lincoln Aquatics

Jim Settle

Only **Blue Bolded** text can be edited.

Navigate using your "Tab" key or mouse.

Prepared By			Date	01/22/21	Indoor
Proposal Raypak Xtherm Hi Efficiency Pool Heater	is low NOx Req?	Low NOx Required	Residential	Pool	
Cameron Park CSD	Auto select preference	Ray-Therm	Area	7,225	Square Feet
	Requested Max Runtime	High	Volume	36,125	Cubic Feet
	Type of Fuel	Nat Gas		270,229	US Gallons
Comparison for geographic area:	SACRAMENTO, CA		Weight	2,229,393	Pounds
Pool or Spa? Pool	Desired Temp.	degF	80		
Shape? Rectangle	Solar Exposure		Full Sun		
Width 72.25 Feet	Insulating Blanket Used		At Night		
100 Feet	Returns		Floor		
Av. Depth 5 Feet	Wind		Low 0-3.5 MPH		
Construction Masonry-Gunite/Shotcrete	Nat Gas	\$0.81	Per Therm		
Known Area	LP Gas	\$0.00	Per Gallon		
Known Capacity	Electricity	\$0.3500	Per kW Hr (if Millivolt, =0)		



PRODUCT HELP

Larger heaters use less fuel because of the shorter heat up times. Size up at least one size whenever practical.

Additional heat loss: (waterscaping, etc.)	Total flow, GPM:	
	Heat loss, degreesF:	
	Hrs/day of usage:	
	Total added heat loss, in BTUH:	0
Additional heating (solar panels, etc.)	Total BTUH:	
	Hrs/day of usage:	
The smallest recommended heater is:	P-2005A XTherm Prof	
Enter a larger heater model number here:	P-2005A XTherm Prof	
	Low NOx model?	Y
How many gas heaters?	1	1
Percentage of full rate at	0	100%
Efficiency of selected heater:	97%	
Electrical consumption, kW/hr at	120VAC	4.20
	240VAC	N/A

First Year Projected Operating Costs for All Heaters

Month	Temperature	P-2005A XTherm Prof Nat. Gas cost	P-2005A XTherm Prof LP Gas cost	P-2005A XTherm Prof Electrical cost	Run Time In Hrs/Day, per heater	Temp Rise
January	45.2	\$12,046.77	\$0.00	\$1,093.68	24	34.80
February	50.7	\$8,157.13	\$0.00	\$740.55	17.99	29.30
March	53.6	\$7,575.17	\$0.00	\$687.72	15.09	26.40
April	58.3	\$5,419.05	\$0.00	\$491.97	11.16	21.70
May	65.3	\$3,298.71	\$0.00	\$299.48	6.57	14.70
June	71.6	\$1,632.58	\$0.00	\$148.22	3.36	8.40
July	75.7	\$808.33	\$0.00	\$73.39	1.61	4.30
August	75.1	\$929.83	\$0.00	\$84.42	1.85	4.90
September	71.5	\$1,654.78	\$0.00	\$150.23	3.41	8.50
October	64.2	\$3,619.72	\$0.00	\$328.62	7.21	15.80
November	53.3	\$7,467.48	\$0.00	\$677.94	15.37	26.70
December	45.3	\$12,046.77	\$0.00	\$1,093.68	24	34.70
Total Annual Average		\$64,656.35	\$0.00	\$5,869.90		

Five Year Total Operating Cost Comparison

Five Year Fuel Costs	P-2005A XTherm Prof Nat. Gas cost	P-2005A XTherm Prof LP Gas cost
	\$323,281.73	\$0.00

This comparison is to give you an *idea* of what to expect in both performance and operational costs. **Your actual costs can and will vary.**

Weather information as provided by the United States National Weather Service and other sources. Thirty-year average temperatures, years 1961 through 1990.

January N/A	July N/A
February N/A	August N/A
March N/A	September
April N/A	October
May N/A	November



265-LINCOLN AQUATICS
 2051 COMMERCE AVE
 CONCORD, CA 94520-4901
 Phone 925-687-9500
 Fax 925-680-2825

Quotation

QUOTE #	EW024266
LOCATION	525A
DATE	01/14/21
PAGE	1 of 1

BILL TO

946992
 CAMERON PARK COMM SERV DIST
 2502 COUNTRY CLUB DR
 CAMERON PARK, CA 95682-7717
 Phone 530-677-2231

SHIP TO

CAMERON PARK COMM SERV DIST
 2502 COUNTRY CLUB DR
 CAMERON PARK, CA 95682-7717

QUOTE DATE 01/14/21	EXPIRE DATE 02/13/21	REQUIRED DATE	REFERENCE NUMBER	PAYMENT TERMS NET 60 DAYS
WRITTEN BY 265 JAMES SETTLE(265)			CONTACT MIKE G.	SHIP VIA PREFERRED CARRIER
FREIGHT TERMS IN/OUTBOUND			JOB NUMBER	SALES REP 265 /

PRODUCT/DESCRIPTION	QUANTITY	PRICE	U/M	EXTENSION
RAY-151-0340 11932 TANKSTAT WELL ASSY KIT	1	42.50	EA	42.50
RAY-151-5322 075322 WHP1505/ WHP2005 PVC D-32 VENTING ADAPTER	1	494.00	EA	494.00
				CPN-21-686
RAY-151-2051 012051 1505- 2005 XTHERM CONDENSATE NEUTRALIZER	1	424.00	EA	424.00
				CPN-12665
RAY-15-315 G-12 P302B-2342B HI DELTA CALIFORNIA CODE CONTROL	1	389.00	EA	389.00
				CPN-21-680
RAY-15-8516 014396 P-2005A 1999K LP IID XTHERM 97% EE LOW NOX HEATER	1	35,544.00	EA	35,544.00
				CPN-21-675

MERCHANDISE TOTAL	HANDLING	MISC CHARGE	TAX	FREIGHT	QUOTE TOTAL
36,893.50	0.00	0.00	2,674.78	756.00	40,324.28

Accepted:

By: _____
 Date: _____

National Aquatic Services, Inc.
PO Box 2168
Brentwood, CA 94513



Sales Quote

Sales Quote # SQ-3750
Sales Quote Date: 1/20/2021

Customer
 Cameron Park CSD
 Attn: Accounts Payable
 2502 Country Club Drive
 Cameron Park, CA 95682

Job Site
 Cameron Park CSD
 2502 Country Club Drive
 Cameron Park, CA 95682

Description	Quantity	Price	Extension
Installation of Raypak XTherm swimming pool heater - Shut off water flow to the heater loop - Remove existing Powermax Heater, Remove old venting, gas line at the heater, cut the pool plumbing away from the heater, disconnect the electrical. (we recycle as much of the heater that can be) - Place new XTherm heater in the same locations the old heater. - Install new PVC venting - install gas line, new galvanized gas line will be run to the appliance - re-rout existing electrical to new heater - install new 2.5" CPVC from existing loop to the heaters, the old plumbing is 2" and is to small. - perform factory startup and training. (NAS is an authorized Raypak startup and warranty partner) - provide training on the heaters normal operation.	1	14,500.00	14,500.00
This is bid a prevailing wage plumber, electrician & construction specialist Sales Tax		0.00	0.00

Name:	Signature:	Date:	Quote Total
			\$14,500.00

Quote is valid for thirty days. Unless line itemed in this quote, permits and fees are the responsibility of the owner and can be facilitated by NAS on a time and materials basis.

Check or money order. Credit card accepted with a 3% fee by arrangement. Phone (925) 513-9025 E-mail: Estimator@naspools.com Web Site: NASPools.com