



INVOICE

Invoice Number: HP42792
 Invoice Date: Oct 9, 2020
 Page: 1

720 South Richfield Road, Placentia, CA 92870
 657.275.9188 v 657.275.9357 f
 CA 683516

Bill To:		Job Information:	
CITY OF GARDEN GROVE ATT: ACCOUNTING DEPT. 11222 ACACIA PARKWAY GARDEN GROVE, CA 92840		SERVICE ORDER 58395 DATE OF SERVICE 09/25/2020	
Customer ID	Customer PO	Payment Terms	Due Date
CGG100	B155314	Net 15 Days	10/24/20

Quantity	Office Code	Description	Unit Price	Amount
		LIBRARY AC UNIT -3 FAILED COMPRESSOR		
1.00	09	Labor, Overtime, after hours	195.00	195.00
16.50	10	Labor, Regular	130.00	2,145.00
1.00	11	Materials	2,284.80	2,284.80
3.00	12	Trip Charge	40.00	120.00

Subtotal	4,744.80
Sales Tax	199.92
Total Invoice Amount	4,944.72
Payment/Credit Applied	
Total	4,944.72

Payment is due in full per the payment terms on the front of the invoice. Invoice not paid as agreed are subject to a finance charge of 1.5% per month until paid in full. Should it become necessary to place this account an attorney for collection, Harbor Pointe shall be entitled to reimburse its actual attorneys fees and costs incurred whether a lawsuit is filed or not, and if it becomes necessary to file suit to collect on the invoice, Harbor Pointe shall be entitled to reasonable attorney's fees, costs monthly finance charges and interest at the legal rate from the date the invoice was due.

DATE: 9/25/2020

P.O. # _____

JOB # 1211-171



SERVICE ORDER

58395

720 South Richfield Road-Placentia-CA 92870

License No. 683516 Office: 657-275-9188 Fax: 657-275-9357 Toll Free: 1-800-377-7911

FACILITY NAME <u>City of Garden Grove</u>	UNIT# <u>3</u>	SERVING <u>Library</u>
ADDRESS <u>9182 Chapman Ave</u>	MFG. <u>Bryant</u>	REFRIGERANT <u>R-22</u>
CITY <u>Garden Grove</u> STATE <u>Ca</u> ZIP <u>92840</u>	MODEL <u>ZR54K5E-PFV-800</u>	SERIAL# <u>20HE1305L</u>
	MOTOR MAKE <u>Copeland</u>	HP <u>N/A</u>

JOB DESCRIPTION: Unit at the Library had the compressor blow out the pecker head

DETAILED REPORT:

Upon arrival I found the compressor had blown out the electrical at the pecker head and blew oil and refrigerant everywhere. Located and picked up compressor, dryer, and contactor also capacitor. Removed faulty comp. from unit cut ref lines and disconnect elect. Cleaned up all oil with degreaser. Installed new compressor and dryer. Made welds and connected electrical. Install new contactor and ran unit on vacuum pump to 190 microns. I then found the indoor fan motor faulty and the fan wheel blown apart had to reach in the heat exchanger to remove all metal. Installed new IFM, wheel and capacitor. Wired in and charged unit with Freon. Started and checked operation. Now the condenser fan motor is locked up. Replaced capacitor but did not change. Locate and picked up new motor and blade and installed. Unit now back in service.

MAINTENANCE INSPECTION CHECK LIST

Check Filters	Check Boiler/Furnace	Oil/Check Dampers
Change Filters	Clean Air Cool Condensers	Check Exp. Valve Operation
Lube Moving Parts	Check operating pressures of cond. Units	Check Condensate Drains
Tighten Belts	Check Heat/Cool Operation	Check Control Operation
Check Oil Levels	Check Water Treatment	Check Safety Devices
Drain/Flush Tower/Evap. If Necessary	Test For Leaks	Clean Up Equipment

RECORD OF MATERIAL USED

QUAN .	DESCRIPTION	AMOUNT
1	Copeland ZR54K5E-PFV-800	1218 83
1	Mars nitril gloves	30 00
1	Box Rags	45 00
1	Gallon grez-off	56 91
1	Spray grez =off	20 97
1	80/5x370 run cap	39 90
1	1/4 HP genterq motor	164 25
1	2223CW fan blade	106 90
2	1/2" 16 cu liquid line dryer	80 00
1	30 a 1 poll 24 v contactor	18 70
1	Pk wire ties	9 96
1	5x370 run cap	9 96
4	9 V batteries	15 36
	LOOK FOR SECOND PARTS PAG	
	TOTAL	1816 74

HOURS

ENGINEER	DATE	STRAIGHT	O' TIME	TOTAL
Bill F.	9/23/2020	2.0	1.0	
Bill F.	9/24/2020	8.0		
Bill F.	9/28/2020	6.5		
ABOVE ORDER COMPLETED SATISFACTORY BY <u>Bill F</u> DEPT. _____ SERVICE ENGINEER <u>BILL F</u>				AMOUNT REF. REC. _____ PM _____
CHANGE ORDER		LABOR	16 1/2 @ 130	2145 00
CHARGE		TRUCK FEE	3 @ 40	120 00
CONTRACT		MATERIAL		2284.80
WARRANTY		SALES TAX	8.75%	199.92
		TOTAL		4944.72

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DETAILED REPORT:

SERVICE ORDER 58395

SERVICE ORDER 58395 City of GARDEN GROVE 9/25/2020 Library Cont.

RECORD OF MATERIAL USED		
QUAN.	DESCRIPTION	AMOUNT
1	1 HP Emerson Motor	288.10
1	20 x 370 cap	24.14
1	Fan wheel D11-10x1/2	122.36
1	Electrical tape	6.96
15	Stake on connectors	22.50
8	Wire nuts.	4.00
	TOTAL	468.06

HOURS				
ENGINEER	DATE	STRAIGHT	O' TIME	TOTAL