

NOTICE OF MEETING

SHAWNEE CIVIC & CULTURAL DEVELOPMENT AUTHORITY

TYPE OF MEETING (PLEASE CHECK)

REGULAR MEETING (X)
RESCHEDULED REGULAR MEETING ()
SPECIAL MEETING ()
CONTINUED OR
EMERGENCY MEETING ()
RECONVENED MEETING ()
CANCELED MEETING ()

DATE	TIME	PLACE OF MEETING
<u>OCTOBER 19, 2017</u>	<u>12:30PM</u>	<u>HEART OF OKLAHOMA EXPOSITION CENTER</u> <u>1700 W. INDEPENDENCE</u> <u>SHAWNEE, OK 74804</u>

TO BE COMPLETED BY PERSON FILING NOTICE:

NAME: Stephanie Meiler-Gideon
TITLE: MARKETING MANAGER
ADDRESS: PO BOX 1466
SHAWNEE, OK 74802-1466
PHONE: 405-275-7020

FILED IN THE OFFICE OF THE MUNICIPAL CLERK AT 11:36 AM/PM

ON October 16, 2017

SIGNED: K. Backhofe-Eck

FOR CITY CLERK'S OFFICE USE ONLY

DATE NOTICE RELEASED TO NEWS MEDIA 10/16/17
PERSON FILING NOTICE Stephanie Meiler-Gideon
NOTICE VERIFIED BY K. Backhofe-Eck

SHAWNEE CIVIC & CULTURAL DEVELOPMENT AUTHORITY
OCTOBER 19, 2017
@ 12:30 PM
HEART OF OKLAHOMA EXPOSITION CENTER

1. CALL TO ORDER.
2. ROLL CALL
3. DECLARATION OF A QUORUM.
4. APPROVAL OF MINUTES OF THE REGULAR SCHEDULED MEETING OF SEPTEMBER 2017.
5. REVIEW AND ACKNOWLEDGMENT OF MONTHLY ACTIVITY REPORT SEPTEMBER 2017.
6. APPROVAL OF MONTHLY FINANCIAL REPORT.
7. APPROVAL OF CLAIMS: GENERAL ACCOUNT.
8. APPROVAL OF CLAIMS: EXPO CENTER SPECIAL EVENTS.
9. APPROVAL OF CLAIMS: SHAVINGS ACCOUNT.
10. DISCUSSION CONSIDERATION AND POSSIBLE ACTION TO REPLACE HEATERS IN FRED HUMPHREY SECTIONS E, F & G.
11. DISCUSSION CONSIDERATION AND POSSIBLE ACTION TO REPLACE HOT WATER HEATER(S) IN CONFERENCE CENTER.
12. DISCUSSION CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE LIST OF EQUIPMENT/VEHICLES PRESENTED BY CHRIS DUNLAP TO BE AUCTIONED IN THE NOVEMBER EXCEL AUCTION.
13. IFYR UP-DATE.
14. COMMITTEE REPORTS.
15. ADMINISTRATIVE REPORTS.
16. OLD BUSINESS.
17. NEW BUSINESS.
18. PUBLIC & TRUSTEE COMMENTS.
19. ADJOURNMENT.

A MEETING OF THE SHAWNEE
CIVIC AND CULTURAL DEVELOPMENT AUTHORITY
SEPTEMBER 17, 2017
12:30 PM
HEART OF OKLAHOMA EXPOSITION CENTER

THE TRUSTEES OF THE SHAWNEE CIVIC AND CULTURAL DEVELOPMENT AUTHORITY MET FOR THEIR REGULAR SCHEDULED MEETING THURSDAY, SEPTEMBER 21, 2017 AT 12:30 PM AT HEART OF OKLAHOMA EXPOSITION CENTER, PURSUANT TO NOTICE DULY POSTED AS PRESCRIBED BY LAW. NOTICE WAS FILED AT CITY HALL ON SEPTEMBER 19, 2017 AT 9:55 AM.

AGENDA ITEM NO.1

CALL TO ORDER.

THE MEETING WAS CALLED TO ORDER AT 12:45 PM BY VICE CHAIRMAN KARL KOZEL

AGENDA ITEM NO.2

ROLL CALL

TRUSTEES PRESENT: MR. RANDY GILBERT (LATE ARRIVAL)
MR. KARL KOZEL
MR. TIM BARRICK
MR. LANCE WORTHAM
MR. JUSTIN ERICKSON
MR. CARL PACKWOOD
MS. RACHEL MELOT

TRUSTEES ABSENT: NONE

AGENDA ITEM NO.4

APPROVAL OF THE MINUTES OF THE REGULAR
MEETING AUGUST 2017 -

THE MOTION MADE BY TRUSTEE ERICKSON, SECONDED BY TRUSTEE MELOT TO APPROVE THE MINUTES AS PRESENTED FOR THE AUGUST 2017 REGULAR BOARD MEETING. -MOTION CARRIED.

AYE: BARRICK, WORTHAM, ERICKSON, KOZEL, MELOT, PACKWOOD
NAY: NONE
ABSTAIN: NONE

AGENDA ITEM NO. 6

APPROVAL OF THE MONTHLY FINANCIAL REPORT
& RODEO REPORT

THE MOTION MADE BY TRUSTEE WORTHAM, SECONDED BY TRUSTEE PACKWOOD TO APPROVE THE MONTHLY FINANCIAL REPORT AND RODEO REPORT. -MOTION CARRIED.

AYE: MELOT, BARRICK, PACKWOOD, WORTHAM, ERICKSON, KOZEL
NAY: NONE
ABSTAIN: NONE

AGENDA ITEM NO.7

APPROVAL OF GENERAL CLAIMS WITH ADD ONS.

THE MOTION MADE BY TRUSTEE PACKWOOD, SECONDED BY TRUSTEE BARRICK TO APPROVE THE GENERAL CLAIMS AND WITH ADD ONS AS PRESENTED. -MOTION CARRIED.

AYE: GILBERT, BARRICK, PACKWOOD, WORTHAM, ERICKSON, KOZEL, MELOT
NAY: NONE
ABSTAIN: NONE

GENERAL CLAIMS:

A.	ASK ABOUT WINDOWS	\$216.00
B.	LOCKE SUPPLY	\$143.36
C.	GRISSOMS	\$100.20
D.	FRED'S TIRE & BATTERY	\$393.61
E.	AUTOMATIC FIRE CONTROL	\$525.00
F.	PERSONAL PLUMBING	\$1,818.47
G.	PREFERRED MATERIAL HANDLING	\$674.97
H.	INTEGRATED NETWORK SOLUTIONS	\$734.00
I.	AT&T	\$355.51
J.	EXPRESS EMPLOYMENT PROFESSIONALS	\$476.80
K.	EXPRESS EMPLOYMENT PROFESSIONALS	\$530.44
L.	EXPRESS EMPLOYMENT PROFESSIONALS	\$468.16
M.	EXPRESS EMPLOYMENT PROFESSIONALS	\$476.80
N.	EXPRESS EMPLOYMENT PROFESSIONALS	\$535.04
O.	EXPRESS EMPLOYMENT PROFESSIONALS	\$869.44
P.	EXPRESS EMPLOYMENT PROFESSIONALS	\$1,016.18
Q.	OMAG	\$2,748.75
R.	OKLAHOMA NATURAL GAS	\$98.92
S.	OKLAHOMA NATURAL GAS	\$38.79
T.	OKLAHOMA NATURAL GAS	\$44.01
U.	OKLAHOMA NATURAL GAS	\$45.74
V.	OKLAHOMA NATURAL GAS	\$46.91
W.	OKLAHOMA NATURAL GAS	\$65.88
X.	AT&T MOBILITY	\$54.58
Y.	METROPOLITAN TELECOMMUNICATIONS	\$842.93
Z.	FIRST UNITED BANK	\$1,259.57
AA.	VANN & ASSOCIATES	\$1,166.50
BB.	LOWES	\$37.25
CC.	FUELMAN	\$1,142.44
DD.	WINKLER DOOR COMPANY	\$134.72
EE.	FIRST UNITED BANK	\$426.88
FF.	ARMSTRONG TERMITE & PEST	\$150.00
GG.	THYSSENKRUPP	\$997.72
HH.	SHAWNEE OFFICE SYSTEMS	\$137.13
II.	PREFERRED MATERIAL HANDLING	\$674.97
JJ.	FINLEY & COOK	\$230.00
KK.	NAPA	\$152.00
LL.	UNITED STATES POSTAL SERVICES	\$198.00
MM.	PITNEY BOWES	\$153.00
NN.	OK TAX COMMISSION	\$198.61
OO.	CITY OF SHAWNEE-SURCHARGE	\$31.25
PP.	LOCKE SUPPLY CO.	\$104.47

ADD ONS:

GENERAL CLAIMS:

A.	ARVEST	\$625.11
B.	OKLAHOMA NATURAL GAS (2 ADDED TOGETHER)	\$234.93

AGENDA ITEM NO.8

APPROVAL OF SPECIAL CLAIMS WITH ADD ONS

THE MOTION MADE BY TRUSTEE PACKWOOD, SECONDED BY TRUSTEE KOZEL TO APPROVE THE SPECIAL CLAIMS WITH ADD ONS AS PRESENTED. -MOTION CARRIED.

AYE: GILBERT, BARRICK, PACKWOOD, WORTHAM, ERICKSON, KOZEL, MELOT
 NAY: NONE
 ABSTAIN: NONE

SPECIAL CLAIMS:

A.	SHAWNEE TROPHY CO.	*910.00
B.	INDACO METALS	*1,655.28
C.	COLE FRANKS	*150.00
D.	YANN & ASSOCIATES	*1,166.50
E.	SHAWNEE TROPHY CO.	*65.00

ADD ONS:

NONE

AGENDA ITEM NO. 9

APPROVAL OF SHAVINGS CLAIMS

THE MOTION MADE BY TRUSTEE WORTHAM, SECONDED BY TRUSTEE PACKWOOD TO APPROVE THE SHAVINGS CLAIMS WITH ADD ONS AS PRESENTED. -MOTION CARRIED.

AYE: GILBERT, BARRICK, PACKWOOD, WORTHAM, ERICKSON, KOZEL, MELOT
NAY: NONE
ABSTAIN: NONE

A. XYLO OF OKLAHOMA

*3,960.00

AGENDA ITEM NO. 10

D, C, & PA TO PURCHASE AN EXTRACTOR FOR CARPET

THE MOTION MADE BY TRUSTEE ERICKSON, SECONDED BY TRUSTEE KOZEL TO APPROVE MAX *9900.00 ON CARPET EXTRACTOR USING CAPITAL FUNDS WITH THE ADDED POINT THAT TWO ADDITIONAL BIDS BE OBTAINED. -MOTION CARRIED.

AYE: GILBERT, BARRICK, PACKWOOD, WORTHAM, ERICKSON, KOZEL, MELOT
NAY: NONE
ABSTAIN: NONE

AGENDA ITEM NO. 11

D, C, & PA TO PURCHASE AN AUTO SCRUBBER

THE MOTION MADE BY TRUSTEE MELOT, SECONDED BY TRUSTEE WORTHAM TO APPROVE SCRUBBER FOR *6100.00 ON AUTO SCRUBBER USING CAPITAL FUNDS WITH THE ADDED POINT THAT TWO ADDITIONAL BIDS BE OBTAINED. -MOTION CARRIED.

AYE: GILBERT, BARRICK, PACKWOOD, WORTHAM, ERICKSON, KOZEL, MELOT
NAY: NONE
ABSTAIN: NONE

AGENDA ITEM NO. 12

IFYR UPDATE

*LITTLE BRITCHES CONFERENCE CALL WITH RANDY GILBERT
*SPONSORSHIPS-LOOKING AT SOME NEW SPONSORS

AGENDA ITEM NO. 13

COMMITTEE REPORTS

NONE.

AGENDA ITEM NO. 14

ADMINISTRATION REPORTS

*WINDSTORM DAMAGE TO ARENA, STATE BARN, AND RV PARK
*WOOD POLE DAMAGES=OG&E
*STEPHANIE IS A NEWLY APPOINTED BOARD MEMBER FOR FRONTIER COUNTRY

AGENDA ITEM NO. 15

OLD BUSINESS

NONE

AGENDA ITEM NO. 16

NEW BUSINESS: PURCHASE A SKID STEER AT
THE OKC AUCTION USING CAPITAL FUNDS

THE MOTION MADE BY TRUSTEE ERICKSON, SECONDED BY TRUSTEE KOZEL TO APPROVE THE
PURCHASE OF A SKID STEER FOR \$8000.00 PLUS APPLICABLE FEES USING CAPITAL FUNDS. -MOTION
CARRIED.

AYE: GILBERT, BARRICK, PACKWOOD, WORTHAM, ERICKSON, KOZEL, MELOT
NAY: NONE
ABSTAIN: NONE

AGENDA ITEM NO. 17

PUBLIC & TRUSTEE COMMENTS

LEADERSHIP SHAWNEE ATTENDED MEETING.

AGENDA ITEM NO. 18

ADJOURNMENT

THE MOTION MADE BY TRUSTEE KOZEL, SECONDED BY TRUSTEE WORTHAM TO ADJOURN THE
MEETING. -MOTION CARRIED.

AYE: GILBERT, BARRICK, PACKWOOD, WORTHAM, ERICKSON, KOZEL, MELOT
NAY: NONE
ABSTAIN:



CHAIRMAN: MR. RANDY GILBERT



SECRETARY: MR. JUSTIN ERICKSON



Heart of Oklahoma Expo Center

September 2017 Events	Amount Owed	Amount Paid	Concessions / Catering
Labor Day Sale	\$ -	\$ 2,384.48	under \$200
Ruffles & Rust Expo	\$ -	\$ 447.97	\$ 20.00
OK Quarter Horse	\$ -	\$ 4,831.00	\$ 72.00
Pott County Fair	\$ -	\$ 1,965.00	\$ 306.00
FCCLA	\$ -	\$ 1,000.00	\$ 120.00
Community Action Banquet	\$ -	\$ 1,147.80	\$ 120.00
Red Dirt Agility	\$ -	\$ 843.00	under \$200
G&S Promotions	\$ -	\$ 2,226.47	\$ 123.00
Rolling Squares Rally	\$ -	\$ 50.00	no concessions
Baptist Campers	\$ -	\$ 508.00	no concessions
Triangle Horse Sale	\$ -	\$ 9,505.77	\$ -
OK High/ Jr High Rodeo	\$ -	\$ 3,204.45	\$ 519.00
<i>Tecumseh FFA</i>	<i>\$ 446.50</i>	<i>\$ -</i>	<i>\$ -</i>
<i>Kim Carver Barrel Race</i>	<i>\$ 3,705.02</i>	<i>\$ -</i>	<i>\$ -</i>
<i>Outlaw Motor Sports</i>	<i>\$ 2,517.78</i>	<i>\$ -</i>	<i>\$ 62.00</i>
<i>OK Foundation Quarter Horse</i>	<i>\$ 1,020.00</i>	<i>\$ -</i>	<i>\$ -</i>
<i>Monkey Business</i>	<i>\$ 4,830.00</i>	<i>\$ -</i>	<i>no concessions</i>
Totals from Above:	\$ 7,689.30	\$ 28,113.94	\$ 1,342.00
August Concessions/Catering	\$ -	\$ -	\$ 2,407.00
September 2016 \$ \$25,318.92)			
2017 Totals:	\$ 7,689.30	\$ 28,113.94	\$ 2,407.00

Shawnee Expo Center / SC&CDA
Statement of Assets, Liab., & Equity
 As of September 30, 2017

	Sep 30, 17
ASSETS	
Current Assets	
Checking/Savings	
Arvest-General	6,498.96
Bancfirst-0161902-Shavings	1,908.77
FNB - 1020390 (Capital Improve)	123,051.14
FUB-282367-Payoff	128.30
FUB-603708-Special	22,256.02
FUB-603910-Ticket	1,942.02
Total Checking/Savings	155,785.21
Accounts Receivable	
Accounts Receivable	34,744.85
Total Accounts Receivable	34,744.85
Other Current Assets	
Concession Receivable	-2,425.09
Total Other Current Assets	-2,425.09
Total Current Assets	188,104.97
Fixed Assets	
Land Improvements	47,350.44
Parking Lot Improvements	262,113.00
RV Park	
600 Section	246,317.00
Total RV Park	246,317.00
Accum Depr- Land Improvements	-746,754.28
Accum Depr- Vehicles	-110,953.19
Accum Depr-Audiovisual Equip	-56,887.35
Accum Depr-Buildings	-4,348,426.90
Accum Depr-Business Mach	-68,505.52
Accum Depr-Comm. Equip	-5,080.64
Accum Depr-Furniture	-49,425.22
Accum Depr-Mach. & Tools	-1,846,344.36
Audiovisual Equipment	68,623.71
Buildings	7,886,193.19
Business Machines	25,786.79
Communications Equipment	43,903.24
Furniture	75,113.33
Land	645,821.42
Machinery & Tools	2,035,341.71
Parks & Recreation Equip.	29,503.09
Vehicles	124,513.19
Total Fixed Assets	4,258,202.65
TOTAL ASSETS	4,446,307.62
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Other Current Liabilities	
Sales Tax Payable	506.96
Total Other Current Liabilities	506.96
Total Current Liabilities	506.96

11:52 AM

10/11/17

Accrual Basis

Shawnee Expo Center / SC&CDA
Statement of Assets, Liab., & Equity
As of September 30, 2017

	Sep 30, 17
Long Term Liabilities	
N/P - Arvest Sweeper	18,762.46
Total Long Term Liabilities	18,762.46
Total Liabilities	19,269.42
Equity	
County Money for Improvements	678,651.00
Fund Balance	
Restricted	4,328,238.54
Total Fund Balance	4,328,238.54
Retained Earnings	-555,080.01
Net Income	-24,771.33
Total Equity	4,427,038.20
TOTAL LIABILITIES & EQUITY	<u>4,446,307.62</u>

Shawnee Expo Center / SC&CDA
Statement of Revenue & Expenses
One Month and Nine Months Ended, September 30, 2017

	Sep 17	Jan - Sep 17
Ordinary Income/Expense		
Income		
credit	2,443.68	2,443.68
Additional Charges	5,589.00	51,981.50
Arena's	85.00	85.00
Booth Income	0.00	875.00
Clean Up Fee	0.00	500.00
Concession Commission	0.00	5,828.57
Concession/Catering Income	0.00	11,451.15
Conference Center	8,498.00	38,195.00
Discounts	0.00	-5,301.24
Fred Humphrey Pavilion	3,465.00	47,682.00
Grandstand	2,170.00	9,870.00
Interest Income	54.04	554.74
Laundry Commission	354.60	540.60
Otto Krause Building	2,195.00	16,187.50
Rodeo Income		
Pink Night	0.00	897.25
Service Fees	0.00	33,880.00
Photography Fees	0.00	22,275.00
Softgoods	0.00	1,809.75
Practice Pen	0.00	3,816.75
Booth Rental	0.00	34,500.00
Camping	0.00	120,500.00
Concession	0.00	2,940.52
Entry Fees	0.00	241,308.00
Hay/Shavings/Ice	0.00	9,381.00
IFYR Income	0.00	0.00
Programs	0.00	5,932.00
Sponsorship	0.00	105,522.50
Stall Rental	0.00	160,950.00
Ticket Sales	0.00	56,761.00
Total Rodeo Income	0.00	800,473.77
RV Spaces	4,612.00	82,161.51
Shavings	1,067.00	30,562.00
Sponsorship Income	0.00	5,000.00
Total Income	30,533.32	1,099,090.78
Expense		
Accounting	230.00	10,842.31
Advertising	0.00	3,775.00
Marketing	2,333.00	36,239.73
Bank Charges	107.66	367.39
Contract Labor	4,372.86	39,343.16
Credit Card Discounts	124.74	1,697.63
Dues	198.00	2,411.00
Equipment		
Office	0.00	388.00
Total Equipment	0.00	388.00
Equipment Rental	0.00	552.60
Fuel/Deisel	1,142.44	7,319.43
Insurance	2,748.75	8,246.25
Interest - Loan	625.11	7,595.10
Legal	0.00	2,440.00

Shawnee Expo Center / SC&CDA
Statement of Revenue & Expenses
One Month and Nine Months Ended, September 30, 2017

	Sep 17	Jan - Sep 17
Maintenance		
Bldg & Grounds	3,783.19	44,211.98
Computer	734.00	19,719.93
Equipment	1,305.91	18,767.22
Vehicle	152.00	10,968.18
Maintenance - Other	1,855.72	1,855.72
Total Maintenance	7,830.82	95,523.03
Meals	0.00	875.00
Memberhisp Fees	0.00	300.00
Office Expense	65.00	14,334.34
Postage	153.00	459.00
Refund	0.00	400.00
Return Check	-697.06	272.50
Rodeo Expense		
Meals/Food	0.00	1,761.99
Computer	0.00	1,363.98
Credit Card Fees	1,686.45	24,648.96
Photography	0.00	22,619.31
Softgoods	0.00	8,879.00
Ice	0.00	3,180.00
Advertising	0.00	23,680.19
Awards	0.00	32,982.10
Concession	0.00	2,692.50
Equipment Rental	0.00	28,970.50
Feed/Hay	0.00	4,712.00
IFYR Payoffs	0.00	237,482.15
Maintenance - Building & Ground	0.00	30,512.84
Maintenance - Office Equipment	0.00	748.00
Mileage	0.00	13.75
Permits Pd to IFYR	0.00	26,395.00
Personnel	0.00	66,500.00
Printing	0.00	327.00
Refund	150.00	9,850.00
Refunds	0.00	700.00
Security	0.00	22,726.25
Stock	0.00	81,060.00
Supplies - Building & Ground	0.00	2,278.47
Supplies - Office	0.00	2,314.11
Shavings & Bedding	0.00	8,510.00
Tax & Surcharge	0.00	26,142.20
Temporary Labor	3,000.00	33,114.63
Utilities	0.00	30,550.01
Youth Director	0.00	3,324.94
Total Rodeo Expense	4,836.45	738,039.88
Shavings & Bedding	3,960.00	23,553.16
Supplies - Other	0.00	11,682.96
Taxes-Other	169.77	9,145.53
Telephone	897.51	9,154.40
Utility		
Electric	17,662.37	108,079.29
Gas	930.69	32,476.93
Water	0.00	3,416.72
Utility - Other	0.00	-5,068.23
Total Utility	18,593.06	138,904.71
Total Expense	47,691.11	1,163,862.11
Net Ordinary Income	-17,157.79	-64,771.33

Shawnee Expo Center / SC&CDA
Statement of Revenue & Expenses
One Month and Nine Months Ended, September 30, 2017

	Sep 17	Jan - Sep 17
Other Income/Expense		
Other Income		
City Contribution -SEDF	0.00	40,000.00
City Contributions	37,289.48	350,033.02
Total Other Income	37,289.48	390,033.02
Other Expense		
Fringe Benefits		
Health Insurance	2,970.88	27,827.58
Life Insurance	40.93	1,078.53
Retirement	1,133.56	15,943.88
Worker Compensaton Insurance	1,101.61	9,204.46
Total Fringe Benefits	5,246.98	54,054.45
General Insurance	0.00	34,481.00
Miscellaneous	86.02	5,155.46
Payroll Taxes	1,596.66	17,005.46
Salaries	22,001.32	229,357.16
Temp Labor	8,358.50	9,979.49
Total Other Expense	37,289.48	350,033.02
Net Other Income	0.00	40,000.00
Net Income	-17,157.79	-24,771.33

GENERAL CLAIMS:

A.	OKLAHOMA DEPARTMENT OF LABOR	\$225.00
B.	OKLAHOMA NATURAL GAS	\$43.92
C.	OKLAHOMA NATURAL GAS	\$49.72
D.	OKLAHOMA NATURAL GAS	\$46.83
E.	OKLAHOMA NATURAL GAS	\$180.33
F.	OKLAHOMA NATURAL GAS	\$100.77
G.	OKLAHOMA NATURAL GAS	\$50.89
H.	AT&T MOBILITY	\$54.58
I.	EXPRESS EMPLOYMENT	\$953.60
J.	EXPRESS EMPLOYMENT	\$535.04
K.	EXPRESS EMPLOYMENT	\$535.04
L.	STAPLES	\$46.45
M.	HUNZICKER BROTHERS	\$746.03
N.	STEWART WHOLESALE	\$1,732.55
O.	FIRST UNITED BANK	\$203.52
P.	BROOKS INDUSTRIES	\$319.49
Q.	CITY GREASE TRAP SERVICE	\$225.00
R.	AT&T	\$355.50
S.	PREFERRED MATERIAL HANDLING, INC	\$769.26
T.	STUART & CLOVER	\$200.00
U.	ASK ABOUT WINDOWS	\$241.00
V.	CHUCK JONES	\$900.00
W.	24 HOUR LOCKOUT SERVICE	\$60.00
X.	FUELMAN	\$1,110.67
Y.	ARMSTRONG TERWITE & PEST CONTROL	\$150.00
Z.	LOWE'S	\$337.97
AA.	TECHSICO ENTERPRISE SOLUTIONS	\$270.00
BB.	FIRST UNITED BANK	\$447.78
CC.	FINLEY & COOK	\$862.50
DD.	SHAWNEE OFFICE SYSTEMS	\$137.13
EE.	METROPOLITAN TELECOMMUNICATIONS	\$873.34
FF.	INTEGRATED NETWORK SOLUTIONS, LLC	\$734.00
GG.	JOHN DEERE FINANCIAL	\$293.07
HH.	PERSONAL PLUMBING	\$2,011.80
II.	KGFF	\$630.00
JJ.	YANN & ASSOCIATES	\$1,166.50
KK.	INTEGRATED NETWORK SOLUTIONS, LLC	\$734.00
LL.	SHAWNEE MUNICIPAL AUTHORITY	\$905.15
MM.	PITNEY BOWES	\$734.00

SPECIAL CLAIMS:

A.	OG&E	\$17,662.37
B.	TECUMSEH FFA BOOSTER CLUB	\$3,000.00
C.	SYDNEY ODELL	\$400.00
D.	YANN & ASSOCIATES	\$1,166.50
E.	SHAWNEE MUNICIPAL AUTHORITY	\$1,552.62

SHAYINGS CLAIMS:

A.	XYLO OF OKLAHOMA	\$3,960.00
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ADD ONS:

GENERAL CLAIMS:

A.	CITY OF SHAWNEE	\$117.83
B.	MARSH ELECTRIC LLC	\$1,711.30
C.	FRED'S TIRE & BATTERY	\$15.00
D.	TENNANT	\$598.00
E.	OKLAHOMA NATURAL GAS (2 ADDED TOGETHER)	\$254.51
F.	YORT'S	\$195.00
G.	OG&E	\$22,432.77
H.	ARVEST	\$625.11
I.	OK TAX COMMISSION	\$480.81

SPECIAL CLAIMS:

A.	MARSH ELECTRIC LLC	\$2,781.05
B.	YNOT LIFESTYLE	\$1680.00
C.	OK TRAILERS	\$840.00
D.	BLOOMER TRAILER	\$420.00
E.	OE NUTRACEUTICALS	\$1260.00

SHAVINGS CLAIMS:

NONE

PROPOSAL AND CONTRACT
PERSONAL PLUMBING

LIC.# 05269
P.O. BOX 3496
Shawnee, OK 74802
Phone: (405)273-4050

To: Shawnee Expo
FOR:

Date: October 4th 2017

TAKE OUT EXISTING WATER HEATER AND STORAGE TANK
INSTALL COMMERCIAL 100 GALLON WATER HEATER FOR CONFERENCE BUILDING
AND TANKLESS WATER HEATER FOR KITCHEN AREA

SEPERATING KITCHEN FROM DOMESTIC WILL ALLOW TO DO AWAY WITH
MIXING VALVE THAT IS DRIPPING

REPIPING SYSTEM AND HAUL OFF TANKS

All the above work to be completed in a workman like manner according to standard
for the sum of SIXTEEN THOUSAND SEVEN HUNDRED THIRTY DOLLARS
\$16,730.00

Rough In
Top Out
Final

Any alteration or deviation from the above specifications involving extra cost of
material or labor will only be executed upon written orders for same, and will become
an extra charge over the sum mentioned in this contract. All agreements must be
made in writing. Prices are subject to change after 30 days.

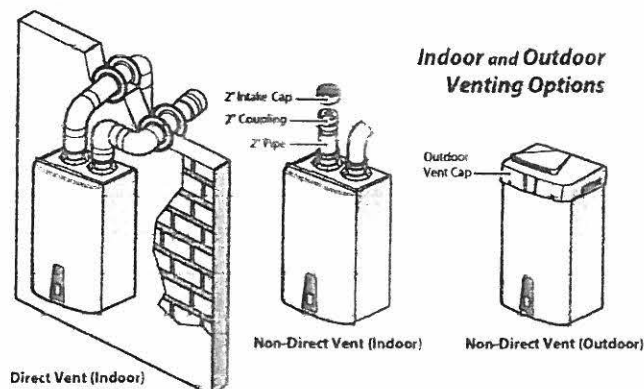
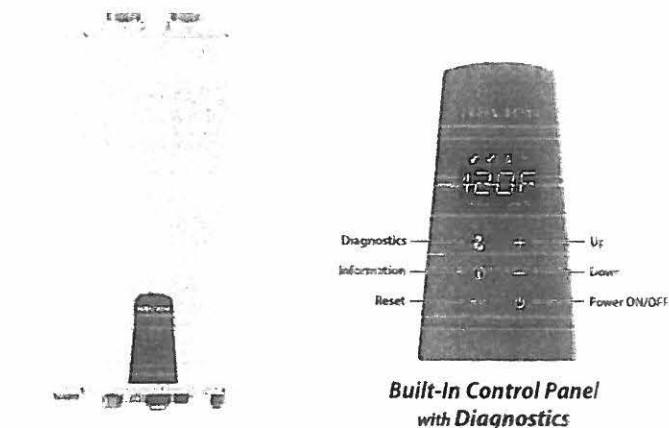
Respectfully submitted,

By _____

Accepted By, _____

Date: _____

- Certified design according to ANSI Z21.10.3 - CSA 4.3-2015 standards for both indoor or outdoor installations (with optional Outdoor Vent Kit)
- Compatible with 1/2" gas pipe up to a length of 24 ft* (*see Installation Manual for additional information)
- Compatible with 2" PVC vent up to 60 ft** and 150 ft** using 3" PVC vent (**with no elbows)
- Gas Input Ranges
 - NPE-150 - 120,000 to 18,000 BTU/h
 - NPE-180 - 150,000 to 15,000 BTU/h
 - NPE-210 - 180,000 to 19,900 BTU/h
 - NPE-240 - 199,900 to 19,900 BTU/h
- Hot Water Flow Rate Capacity (*based on 35°F temperature rise)
 - NPE-150 - 6.8 GPM
 - NPE-180 - 8.4 GPM
 - NPE-210 - 10.1 GPM
 - NPE-240 - 11.2 GPM
- Dual Primary and Secondary Stainless Steel Heat Exchangers for optimum efficiency and durability
- Built-in Control Panel - allows adjustment of temperature settings and displays the operating status and error codes
- ComfortFlow Technology - "A" models come included with built-in 0.5 gallon Buffer Tank and Recirculation Pump to provide maximum comfort
- INTELLIGENT Preheating - recognizes hot water usage patterns to intelligently provide hot water when needed (optional for "S" models)
- Temperature Options - available temperature settings for Residential applications range from 98°F up to 140°F with high temperature Commercial mode capable of up to 182°F
- Ready-Link Cascade Compatible for up to 16 units for increased hot water production
- Common Vent Compatible - allows for cascade systems to use a single exhaust and/or intake pipe for up to 8 units with the use of the Common Vent Backflow Damper Collar Kit (#30014367A)
- Compatible with Navilink Wi-Fi Control (#PBCM-AS-001)
- Freeze Protection - maintains normal operation during freezing ambient temperatures down to -5°F (standard on all models)
- Uniform Energy Factor Ratings for NG and LP units
 - NPE-180A/210A/240A - 0.96 UEF (0.97 EF for Canada)
 - NPE-150S - 0.96 UEF (0.97 EF for Canada)
 - NPE-180S/210S/240S - 0.97 UEF (0.99 EF for Canada)
- Compatible with Natural Gas (NG) and Propane (LPG)***
(*** requires installation of included Field Conversion Kit by a qualified gas servicer)
- Approved for Installations on Mobile/Manufactured Homes
- Certified by CSA, NSF 5, AHRI, AB1953 CA Low Lead, SCAQMD (Rule 1146.2 Type 1 - Complies with 14 ng/l or 20 ppm NOx @ 3% O2)
- 15-Year Heat Exchanger and 5-Year Parts Warranty (Residential)****
8-Year Heat Exchanger and 5-Year Parts Warranty (Commercial)****
(**** see Navien Limited Warranty)
- Optional accessories are available (see below)



Job Name: _____

Location: _____

Engineer: _____

Wholesaler: _____

Contractor: _____

Model No.: _____

Submitted to: _____

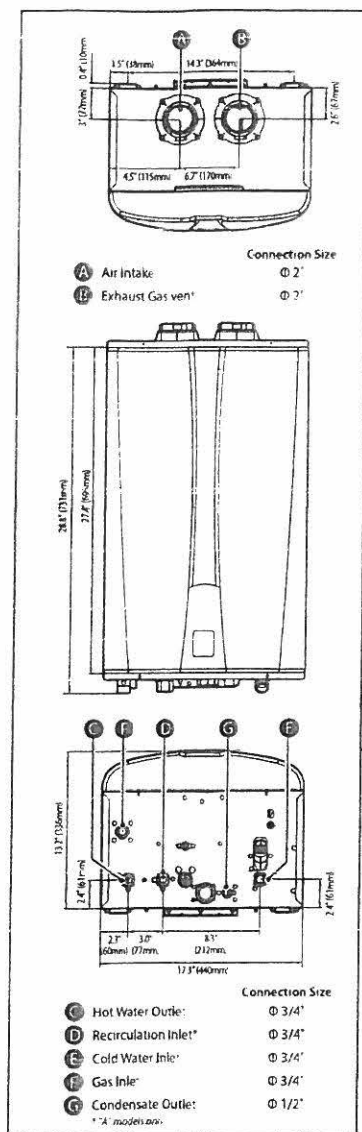
Remote Controller NR-20DU (30009757A)	Plumb Easy Valve Set (3/4") (30009323A - Lead Free) (30012581A - for Pipe Cover)	Condensate Neutralizer (GXXX001322 - Single Unit) (GXXX001324 - Up to 6 Units) (GXXX001325 - Up to 16 Units)	Ready-Link Communication Cable (GXXX000546)	Outdoor Vent Kit (30010604A)	External Pump Wire (GXXX001319)	3" Vent Termination Caps and Wall Flanges (GXXX3873B)

NAVIENT

Premium Condensing
Tankless Gas Water Heater

NPE Series Tankless Water Heaters Specification Sheet

Dimensions



Specifications

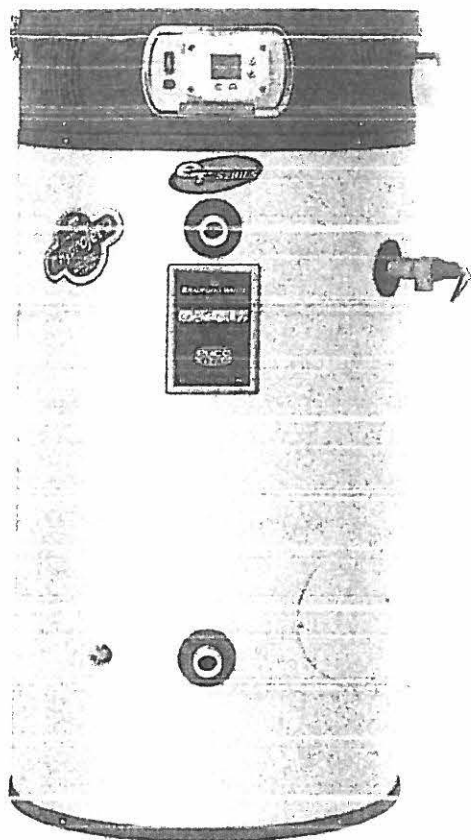
Item		NPE-150S	NPE-180A		NPE-180S		NPE-210A	NPE-210S	NPE-240A	NPE-240S
Heat Capacity (Input)	Natural Gas	18,000-120,000 BTU/H	15,000-150,000 BTU/H		19,900-180,000 BTU/H		19,900-180,000 BTU/H		19,900-199,900 BTU/H	
	Propane Gas		15,000-150,000 BTU/H		19,900-180,000 BTU/H		19,900-199,900 BTU/H			
Efficiency Ratings	UEF (for NG & LP)	0.96	0.96	0.97	0.96	0.97	0.96	0.97		
	EF (Canada) (for NG & LP)	0.97	0.97	0.99	0.97	0.99	0.97	0.99		
Flow Rate (DHW)	35°F(19°C) Temp Rise	6.8 GPM (26 L/m)	8.4 GPM (32 L/m)		10.1 GPM (38 L/m)		11.2 GPM (42 L/m)			
	45°F(25°C) Temp Rise	5.3 GPM (20 L/m)	6.5 GPM (25 L/m)		7.8 GPM (30 L/m)		8.7 GPM (33 L/m)			
	67°F(36°C) Temp Rise	3.2 GPM (12 L/m)	4.3 GPM (16 L/m)	4.2 GPM (16 L/m)	5.0 GPM (19 L/m)	5.2 GPM (20 L/m)	5.6 GPM (21 L/m)	5.7 GPM (22 L/m)		
Dimensions		17.3"(W) x 27.4"(H) x 13.2"(D)								
Weight		55 lbs (25kg)	75 lbs (34kg)	67 lbs (30kg)	82 lbs (37 kg)	75 lbs (34kg)	82 lbs (37 kg)	75 lbs (34kg)		
Installation Type		Indoor or Outdoor Wall-Hung								
Venting Type		Forced Draft Direct Vent								
Ignition		Electronic Ignition								
Water Pressure		15-150 PSI								
Natural Gas Supply Pressure (from source)		3.5 in WC-10.5 in WC								
Propane Gas Supply Pressure (from source)		8 in WC-13in WC								
Natural Gas Manifold Pressure (min-max)		-0.04 in WC - -0.38 in WC	-0.04 in WC - -0.84 in WC		-0.05 in WC - -0.36 in WC		-0.05 in WC - -0.58 in WC			
Propane Gas Manifold Pressure (min-max)		-0.04 in WC - -0.42 in WC	-0.05 in WC - -0.50 in WC		-0.10 in WC - -0.66 in WC		-0.10 in WC - -0.78 in WC			
Minimum Flow Rate		0.5 GPM (1.9 L/m), < 0.01 GPM (0.04 L/m) option for "A" models*								
Connection Sizes	Cold Water Inlet	3/4 in NPT								
	Hot Water Outlet	3/4 in NPT								
	Gas Inlet	3/4 in NPT								
Power Supply	Main Supply	120V AC, 60Hz								
	Maximum Power Consumption	200W (max 2A), 350W (max 4A) with external pump connected								
Materials	Casing	Cold Rolled Carbon Steel								
	Heat Exchangers	Primary Heat Exchanger: Stainless Steel Secondary Heat Exchanger: Stainless Steel								
Venting	Exhaust	2" or 3" PVC, CPVC, Polypropylene 2" or 3" Special Gas Vent Type BH (Class II, A/B/C)								
	Intake	2" or 3" PVC, CPVC, Polypropylene 2" or 3" Special Gas Vent Type BH (Class II, A/B/C)								
	Vent Clearances	0" to combustibles								
Safety Devices	Flame Rod, APS, Ignition Operation Detector, Water Temperature High Limit Switch, Exhaust Temperature High Limit Sensor, Power Surge Fuse									

* Available for "A" models configured in an optional ComfortFlow recirculation mode. Additional energy use will occur when using recirculation.

Gas-fired, tankless, condensing, wall-mounted water heater(s) shall be direct vent NPE Series models as manufactured by Navien, Inc. and are certified by CSA Group to the latest edition of ANSI standard Z21.10.3/GSA 4.3. Water heater(s) shall have a 15-year limited Heat Exchanger warranty and 5-year limited Parts warranty (8-year Heat Exchanger and 5-year Parts for Commercial use) per Navien Limited Warranty. Unit(s) shall be designed to burn natural gas and can be for use with propane when a Field Conversion Kit is installed. Water heater(s) shall have a nominal flow rate capacity of _____ GPM/GPH at _____ °F rise with rated input of _____ BTU/hr. Water heater(s) shall be vented with 2" PVC/CPVC vent pipe at a distance not to exceed 60' (or equivalent) with each elbow equal to 8' of pipe length or 3" PVC/CPVC vent pipe at a distance of 150' (or equivalent) with each elbow equal to 5' of pipe length. Water heater(s) is rated for 150 PSI working water pressure and 300 PSI test pressure. Gas supply pressure shall be 3.5" to 10.5" WC for natural gas and 8.0" to 13.0" WC for propane. Unit(s) shall have a steel case, dual stainless steel heat exchangers, eco premixed burner, negative pressure gas valve, dual venturi, 3/4" inlet gas connection, 3/4" brass inlet/outlet water connections, water holding capacity of 0.6 gallons for the NPE-150S, 1.0 gallon for the NPE-180A model (0.7 gallons for NPE-180S model), 1.2 gallons for the NPE-210A/NPE-240A models (0.7 and 0.9 gallons for NPE-210S and NPE-240S models respectively), and a condensate collector. The NPE-150S model weighs 55 lbs, the NPE-180A model weighs 75 lbs (NPE-180S weighs 67 lbs), and the NPE-210A/NPE-240A models weigh 82 lbs (NPE-210S and NPE-240S weigh 75 lbs). Unit(s) shall include features such as an adjustment for installations at high elevation, temperature lockout, and temperature options from 98-120°F in 1°F intervals and 125-140°F in 5°F intervals. The unit(s) shall include additional temperature options of 150-180°F in 10°F intervals, and 182°F for high temperature commercial applications. All NPE "A" models shall include an internal circulation pump and 0.5 gallon buffer tank. The water heater(s) shall be controlled by an internal circuit board that monitors the inlet and outlet temperatures with installed thermistors, sensing and controlling flow rate to set point temperature with air-fuel ratio controls in order to maintain thermal combustion efficiency. Unit(s) shall include safety features such as flame sensor system, high limit sensors, overheat prevention device, freeze protection mode, and fan motor rotation detector. Multi-system (cascade) applications that require 2 to 16 units shall be installed by connecting the units using cable-only connections (Ready-Link). Cascade systems can be common vented with up to 8 units when a Common Vent Backflow Damper Collar Kit is installed. The water heater(s) exceeds the energy efficiency requirements of ASHRAE 90.1-2013 and is listed by SCAQMD rule 1146.2 (Type 1) for Low NOx that complies with 14 ng/l or 20 ppm NOx requirements @ 3% O₂.

*Navien reserves the right to change specifications at any time without prior notice

Commercial eF Series® Ultra High Efficiency Gas Water Heater



Endorsed by



Photo is of
EF-60T-199E-3N

FEATURING:



The eF Series® Models feature:

- **Thermal Efficiency up to 99.1%**—Ultra High Efficiency results in less fuel consumption and greater hot water recovery.
- **ICON HD™**—Intelligent proven design combines temperature control, diagnostic codes, and system ignition functions into a single control board with a digital LCD display.
- **ENERGY STAR® Models Available**—EF60T125 & EF100T (150,199,250,399) Models.
- **Factory Installed Hydrojet® Sediment Reduction System**—Cold water inlet sediment reducing device helps prevent sediment build up in the tank.
- **Direct Spark Ignition**—For improved operational dependability and durability.
- **Operation Mode**—Two different digitally displayed operation modes have the capability of adjusting the temperature setting up to 180°F (82°C), and adjusting the degree setting (°F to °C, or °C to °F).
- **Service Mode**—Eight different digitally displayed service screens can be easily cycled through by pressing the select button. There is the capability of adjusting the temperature setting up to 180°F (82°C), adjusting the degree setting (°F to °C, or °C to °F), locking the maximum temperature setting that can be adjusted in operation mode, displaying the temperature sensor reading, displaying the flame current, and displaying diagnostic codes.
- **Premix Power Burner**—A self compensating negative regulation system automatically increases or decreases fuel flow when a change in combustion air is detected. This provides the range for optimum combustion and efficiency (automatic high altitude compatibility).
- **Flexible Venting**—The eF Series® can vent vertically or horizontally with either 2", 3" or 4" (51mm, 76mm or 107mm) PVC, CPVC or ABS (not approved for Canada) vent pipe, and is approved for direct vent closed combustion applications, or those applications that require inside air for combustion. The eF Series® is also approved for unbalanced venting, which means the air intake pipe doesn't have to be vented the same distance as the exhaust.
- **Ultra Quiet Operation.**
- **A Single Exhaust Pressure Switch.**
- **1" (25mm) NPT Side Connections for Space Heating.**
- **Sanitizing Capability**—Temperature setting up to 180°F (82°C).
- **Complies with the latest ultra-low NOx requirement (14 ng/J NOx limit).**
- **ASME Code Available on All Models.**
- **NSF Construction Available.**
- **T&P Relief Valve—Installed.**
- **Low Restrictive Brass Drain Valve—Durable tamper proof design.**



3 or 5-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For more information on warranty, please visit www.bradfordwhite.com

For products installed in USA, Canada and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,682,666; 7,634,976; 5,660,165; 5,954,452; 6,056,542; 6,935,280; 5,372,185; 5,485,879; 5,574,822; 7,971,560; 7,992,526; 6,684,821; 6,442,178; 7,334,419; 7,866,168; 7,270,087; 7,007,748; 5,596,952; 6,142,216; 7,699,026; 5,341,770; 7,337,517; 7,665,211; 7,665,210; 7,063,132; 7,063,133; 7,559,293; 7,900,589; 5,943,984; 8,082,888; 5,988,117; 7,621,238; 7,650,859; 5,761,379; 7,409,925; 5,277,171; 8,146,772; 7,458,341; 2,262,174. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 2,314,845; 2,504,824; 2,108,186; 2,143,031; 2,409,271; 2,548,958; 2,112,515; 2,476,685; 2,239,007; 2,092,105; 2,107,012. eF Series®, Vitraglas® and Hydrojet® are registered trademarks of Bradford White® Corporation.

Commercial Gas High Efficiency Water Heater

eF Series® Additional Equipment Features:

Three Pass Heat Exchanger System—The three pass Heat Exchanger system keeps the hot combustion gases moving at a high velocity. The combination of high turbulence and velocity causes an enormous rate of heat transfer into the water.

Submerged Combustion Chamber—Submerging the combustion chamber in the center of the water storage tank minimizes radiant heat loss and improves efficiency.

Zero Inch Clearance—The eF Series® jacket is cool to the touch and is approved for zero inch clearance to combustibles for unsurpassed installation flexibility.

Vitraglas® Lining—An exclusively engineered enamel formula that provides superior tank protection from the highly corrosive effects of hot water. This formula (Vitraglas®) is fused to the steel surface by firing at a temperature of over 1600°F (871°C).

Protective Magnesium Anode Rods—Each eF Series® model has multiple anodes to provide added protection against corrosion for long trouble-free service (EF100T399 has two powered anode rods).

Factory Installed Hydrojet® Sediment Reduction System—Cold water inlet sediment reducing device helps prevent sediment build up in tank.

Water Connections—Factory-installed true dielectric fittings extend water heater life and simplify water line connections.

Hand Hole Cleanout—Allows inspection of tank interior and facilitates the removal of sediment deposits.

E.C.O.—A manual re-set Energy Cut Off (E.C.O) shuts off all gas in event of an overheat condition. The ECO is manually resettable.

Non-CFC Foam Insulation—Covers the sides and top of tank, reducing the amount of heat loss. This results in less energy consumption, improved operation efficiencies and jacket rigidity.

2" Vent Pipe	EF-60T-125		EF-60T-150 EF-100T-150		EF-60T-199 EF-100T-199	
	Power Direct Vent	Power Vent	Power Direct Vent	Power Vent	Power Direct Vent	Power Vent
Max. Intake Length	15 ft.	N/A	15 ft.	N/A	15 ft.	N/A
Max. Exhaust Length	15 ft.	30 ft.	15 ft.	30 ft.	15 ft.	30 ft.

3" Vent Pipe	EF-60T-125 EF-100T-150		EF-60T-150 EF-100T-199		EF-60T-199 EF-100T-250		EF-100T-300		EF-100T-399	
	Power Direct Vent	Power Vent	Power Direct Vent	Power Vent	Power Direct Vent	Power Vent	Power Direct Vent	Power Vent	Power Direct Vent	Power Vent
Max. Intake Length	60 ft.	N/A	50 ft.	N/A	40 ft.	N/A	30 ft.	N/A	25 ft.	N/A
Max. Exhaust Length	60 ft.	120 ft.	50 ft.	100 ft.	40 ft.	80 ft.	30 ft.	60 ft.	25 ft.	50 ft.

4" Vent Pipe	EF-60T-125 EF-100T-150		EF-60T-150 EF-100T-199		EF-60T-199 EF-100T-250		EF-100T-300		EF-100T-399	
	Power Direct Vent	Power Vent	Power Direct Vent	Power Vent	Power Direct Vent	Power Vent	Power Direct Vent	Power Vent	Power Direct Vent	Power Vent
Max. Intake Length	85 ft.	N/A	75 ft.	N/A	65 ft.	N/A	55 ft.	N/A	50 ft.	N/A
Max. Exhaust Length	85 ft.	170 ft.	75 ft.	150 ft.	65 ft.	130 ft.	55 ft.	110 ft.	50 ft.	100 ft.

6" Vent Pipe	EF-100T-399	
	Power Direct Vent	Power Vent
Max. Intake Length	120 ft.	N/A
Max. Exhaust Length	120 ft.	240 ft.

Air intake cannot exceed exhaust by more than 30 ft. in any venting situation. Subtract 5 ft. for each additional 90° elbow.

eF Series® Optional Equipment Features:

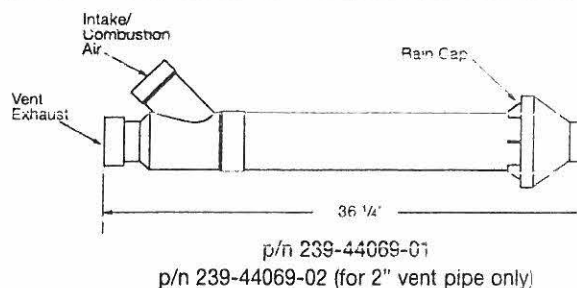
Maxitrol Gas Pressure Regulating valve—Ensures proper supply pressure to eF unit of 7" to 11" W.C. (provided incoming pressure is between 1/2 and 2 psi). This can be ordered as a separate part, or as part of the heater. For the separate part, please use p/n 243-45517-00. Part is included with EF100T399 model.

NSF Compliance Kit—p/n 265-44542-04.

Low Inlet Gas Pressure Option—Pre-assembled to allow operation with natural gas inlet pressure down to 3.5" w.c. (Not available on EF-100T-300/399E-3N(A) models or any size propane models.)

Optional Honeywell EnviraCOM™ Alarm Module—Provides indication (contacts are closed) when an alarm is present via normally open contacts (rated for up to 24 VAC). Kit Number – 265-51961-00.

Concentric Vent Kit Termination—3" termination fitting provides for only one exit opening through wall or roof (p/n 239-44069-01).



Commercial Gas High Efficiency Water Heater

eF Series® Models

NATURAL GAS AND LIQUID PROPANE GAS

Meet or exceed ASHRAE 90.1b (current standard) C.E.C. Listed

Model Number	Capacity		Input		Therm. Eff.	A Floor to Top of Heater	B Jacket Dia.	C Floor to Hot Water Conn.	D Floor to Cold Water Conn.	E Floor to Gas Conn.	F Floor to Vent Conn.	G Floor to Air Intake Conn.	H Floor to T&P Conn.	Water Conn. Dia.	Gas Conn. Dia.	Relief Valve Open	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.	Nat. BTU/Hr. Input	LP BTU/Hr. Input	%	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	lbs.
EF-60T-125E-3N(A)	60	50	125,000	125,000	96.0	57	28 1/4	42 1/2	12 1/8	53 1/2	5	52 1/2	40	1 1/2	3/4	3/4	570
EF-60T-150E-3N(A)	60	50	150,000	150,000	93.0	57	28 1/4	42 1/2	12 1/8	53 1/2	5	52 1/2	40	1 1/2	3/4	3/4	570
EF-60T-199E-3N(A)	60	50	199,999	199,999	92.0	57	28 1/4	42 1/2	12 1/8	53 1/2	5	52 1/2	40	1 1/2	3/4	3/4	570
EF-100T-150E-3N(A)	100	83	150,000	150,000	99.1	77 1/8	28 1/4	62 1/2	12 1/8	74 3/4	5	73 1/8	60	1 1/2	3/4	3/4	900
EF-100T-199E-3N(A)	100	83	199,999	199,999	98.5	77 1/8	28 1/4	62 1/2	12 1/8	74 3/4	5	73 1/8	60	1 1/2	3/4	3/4	900
EF-100T-250E-3N(A)	100	83	250,000	250,000	97.0	77 1/8	28 1/4	62 1/2	12 1/8	74 3/4	5	73 1/8	60	1 1/2	3/4	1	900
EF-100T-300E-3N(A)	100	83	300,000	300,000	92.0	77 1/8	28 1/4	62 1/2	12 1/8	74 3/4	5	73 1/8	60	1 1/2	3/4	1	900
EF-100T-399E-3N(A)	100	83	399,999	399,999	94.0	77 1/8	28 1/4	63	13	74 1/4	5	73 1/8	60	1 1/2	1	1	950

Model Number	Capacity		Input		Therm. Eff.	A Floor to Top of Heater	B Jacket Dia.	C Floor to Hot Water Conn.	D Floor to Cold Water Conn.	E Floor to Gas Conn.	F Floor to Vent Conn.	G Floor to Air Intake Conn.	H Floor to T&P Conn.	Water Conn. Dia.	Gas Conn. Dia.	Relief Valve Open	Approx. Shipping Weight
	Liters		Nat. kW/Hr. Input	LP kW/Hr. Input	%	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	kgs.
EF-60T-125E-3N(A)	227		36.6	36.6	96.0	1448	718	1087	327	1359	127	1334	1016	38	19	19	259
EF-60T-150E-3N(A)	227		43.9	43.9	93.0	1448	718	1087	327	1359	127	1334	1016	38	19	19	259
EF-60T-199E-3N(A)	227		58.6	58.6	92.0	1448	718	1087	327	1359	127	1334	1016	38	19	19	259
EF-100T-150E-3N(A)	379		43.9	43.9	99.1	1972	718	1588	327	1899	127	1857	1524	38	19	19	408
EF-100T-199E-3N(A)	379		58.6	58.6	98.5	1972	718	1588	327	1899	127	1857	1524	38	19	19	408
EF-100T-250E-3N(A)	379		73.2	73.2	97.0	1972	718	1588	327	1899	127	1857	1524	38	19	25	408
EF-100T-300E-3N(A)	379		87.9	87.9	92.0	1972	718	1588	327	1899	127	1857	1524	38	19	25	408
EF-100T-399E-3N(A)	379		117.2	117.2	94.0	1972	718	1600	330	1861	127	1857	1524	38	25	25	431

For propane gas models change suffix "N" to "X" and remove "E" from the model number. **Example: EF-100T-150-3X**

(A) ASME - All models are available with ASME construction. To order ASME construction add the (A) to the end of the model number.

Example: EF-60T-125E-3NA

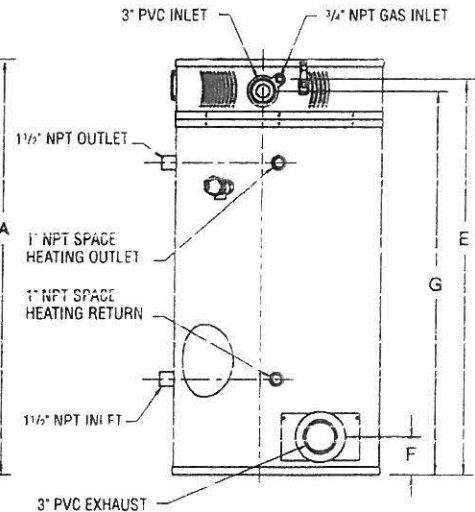
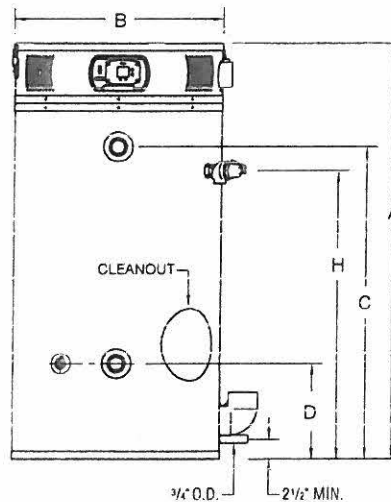
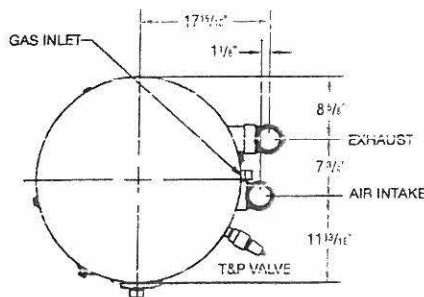
For 5 year warranty models, change suffix

"3" to "5" **Example: EF-100T-399E-5N**

Note: The weight is the same for both ASME and Non-ASME models.

All models comply with the latest ultra-low NOx requirements of 14 ng/J or less.

14.0" w.c. maximum static, 4.5" w.c. minimum running (recommend 7.0" w.c. minimum running)



Note: Diagrams are for both 60 and 100 gallon models.

Recovery Data

Model Number	GPH Recovery at Degree Rise*												LPH Recovery at Degree Rise*											
	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	110°F	120°F	130°F	140°F	17°C	22°C	28°C	33°C	39°C	44°C	50°C	56°C	61°C	67°C	72°C	78°C
EF-60T-125E-3N(A)	485	364	291	242	208	182	162	145	132	121	112	104	1835	1378	1102	916	787	689	613	549	500	458	424	394
EF-60T-150E-3N(A)	564	423	338	282	242	211	188	169	154	141	130	121	2135	1601	1279	1067	916	799	712	640	583	534	492	458
EF-60T-199E-3N(A)	740	558	444	370	317	277	247	223	202	185	171	159	2801	2112	1681	1401	1200	1049	935	844	765	700	647	602
EF-100T-150E-3N(A)	601	450	360	300	257	225	200	180	164	150	139	129	2275	1703	1363	1136	973	852	757	681	621	568	526	488
EF-100T-199E-3N(A)	792	597	475	396	339	297	264	239	216	198	183	170	2998	2260	1798	1499	1283	1124	999	905	818	750	693	644
EF-100T-250E-3N(A)	980	735	588	490	420	367	327	294	267	245	226	210	3710	2782	2225	1855	1590	1389	1238	1113	1011	927	856	795
EF-100T-300E-3N(A)	1115	836	669	558	478	418	372	335	304	279	257	239	4221	3165	2532	2112	1809	1582	1408	1268	1151	1056	973	905
EF-100T-399E-3N(A)	1519	1127	912	760	651	570	506	451	414	380	351	326	5750	4266	3452	2877	2464	2158	1915	1707	1567	1438	1329	1234

Commercial Gas High Efficiency Water Heater

Sample Specification

The water heater shall be a Bradford White model EF-_____ with a rated storage capacity of not less than _____ gallons/ liters, a minimum gas input of _____ BTU/hr., a minimum recovery of _____ GPH/LPH at 100°F (56°C) temperature rise, and a Thermal Efficiency Rating of ____%. It shall be design certified by CSA International (formerly AGA and CGA) for 180°F (82°C) application, either with or without a separate storage tank. The tank shall be lined with Vitraglas® vitreous enamel and shall have a bolted hand hole cleanout. The tank shall have four extruded magnesium anode rods installed in separate head couplings. This water heater shall be equipped with stainless steel cold water inlet, Hydrojet® Sediment Reduction System. The heater shall be insulated with Non-CFC foam. This water heater shall be equipped with an electronic ignition system, an ASME rated T&P relief valve and a premix closed combustion system for direct venting using either 3" (76mm) or 4" (102mm) PVC, CPVC or ABS vent pipe. (115V AC required). The water heater shall be factory assembled and tested. The water heater shall be approved for zero inch clearance to combustibles. A digital LCD display shall be integrated into the front and be an adjustable electronic thermostat to any temperature up to 180°F. A recycling Energy Cut Off (E.C.O.) shuts off all gas in the event of an overheat condition. The entire installation shall be made in compliance with state and local codes and ordinances.

General

All gas water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). All models are design certified by CSA International (formerly AGA/CGA), ANSI standard Z-21.10.3, for up to 180°F (82°C) application as an Automatic Storage Heater. As an Automatic Storage Heater, all models are complete, self-contained water heating systems. It needs no separate storage tank, pump, wiring or elaborate piping network. When equipped with a mixing valve, it will supply 180°F (82°C) sanitizing and lower temperature general purpose hot water simultaneously. These models can be used either as a single unit or in multiples connected in series or parallel (recommended).

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



Ambler, PA

For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

Sales 800-523-2931 • Fax 215-641-1670 / Technical Support 800-334-3393 • Fax 269-795-1089 • Warranty 800-531-2111 • Fax 269-795-1089
International: Telephone 215-641-9400 • Telefax 215-641-9750 / www.bradfordwhite.com

 **BRADFORD WHITE-CANADA INC.** Sales / Technical Support 866-690-0961 / 905-238-0100 • Fax 905-238-0105 / www.bradfordwhite.com

Built to be the Best™

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OF OKLAHOMA
EXPOSITION CENTER
Shawnee, Oklahoma

1700 W. Independence
P.O. Box 1466
Shawnee, Oklahoma 74802
(405) 275-7020 | ShawneeExpo.org

Month of September & October Events & Attendance Report

September 22-24 Red Dirt Agility 60 people

September 23 NBHA 300 people

September 24 Outlaw Motor Sport 150 people

September 28 Tasty Affair 500 people

September 30 Outlaw Motor Sport 150 people

October 2 – 8 Good Sam RV Rally 400 people

October 7 – 8 Circle L Production 300 people

October 9 -14 Discovery Owners Association RV Rally 180 people

October 14 -15 Quarter Horse Foundation Show 120 people

October 14 Outlaw Motor Sports 150 people

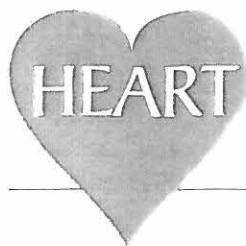
October 16 CB Circus 200 people

October 17 – 18 A- One K-9 training 50 people

October 17 Community Action Banquet 120 people

Total of Event Days = 30

Total of Attendance =2680



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Auction Items

- 1997 GMC Cheyenne ½ Ton Pickup
- 1982 GMC 1 Ton Dump Bed
- 2001 Chevrolet Silverado ½ Ton Pickup
- John Deere 544E Loader
- John Deere Z44 O – Turn Lawn Mower

Thomas Sheet Metal & Custom Fab. Inc.**Quote**

625 Vermeer Dr.
Moore, Ok 73160
405-799-6982
thomassheetmetal@coxinet.net
St. Mech. License: ME49603

Date	Quote #
10/11/2017	1918

Name / Address
Shawnee Expo Center

Project	Terms
Estimate-#1918-Unit Heaters	C.O.D.

Description
We hereby propose to provide the labor and material for Unit Heater changeout at Shawnee Expo Center as follows: BARN "G": \$26,160.00 *Furnish and install (8) 150,000 BTU unit heaters *Remove old unit heaters *Reconnect gas piping, electric *Install new thermostat *Furnish and install new double wall vent pipe BARN "G" West Wing: \$22,890.00 *Furnish and install (7) 125,000 BTU unit heaters *Remove old unit heaters *Reconnect gas piping, electric *Install new thermostat *Furnish and install new double wall vent pipe FRED HUMPHREY BUILDING: \$39,240.00 *Furnish and install (12) 150,000 BTU unit heaters *Remove old unit heaters *Reconnect gas piping, electric *Install new thermostat *Furnish and install new double wall vent pipe EXCLUDING: overtime/weekend work, electric other than reconnecting
We Appreciate the Opportunity to Quote this Project for You.

SPARKS HEAT & AIR, INC.

128 SUMMIT DR.
SHAWNEE, OK 74801
273-1521

Estimate

Date	Estimate #
10/10/2017	43049

OKLAHOMA STATE
LICENSE # 2492

Name / Address
EXPO CENTER P.O. BOX 1466 SHAWNEE, OK 74802-1466

Terms
Due on receipt

Description		Total
FURNISH AND INSTALL: 25@ ADP MODEL#SEP145AN 145K BTU UNIT HEATERS	1	33,548.00
I ACCEPT THE ABOVE ESTIMATE: SIGNATURE _____		Total \$33,548.00

Signature _____

Phone #	Fax #
405-273-1521	405-275-5925



HEATING & COOLING
Always There

1937 N. KICKAPOO • SHAWNEE, OK 74801
MIKE MCENTIRE ~ 405.788.7556
DARRELL MEHRING ~ 405.202.0045
THEATEAM.HVAC@GMAIL.COM

PROPOSAL AND ACCEPTANCE

5137

PROPOSAL SUBMITTED TO <i>Shawnee Expo Center</i>		PHONE <i>405-317-8144</i>	DATE <i>8-18-17</i>
STREET		JOB NAME <i>Chris Doolan</i>	
CITY, STATE AND ZIP CODE <i>Shawnee OK 74804</i>		JOB LOCATION	
ARCHITECT	DATE OF PLANS	<i>25 Unit Heaters</i>	JOB PHONE

We hereby submit specifications and estimates for:

25) ADP 145,000 Btu
Gas Heaters

Warranty:

1 yr labor

5 yr parts

25) Heat only T-Stats

Remove Existing Heaters & Install new

Provide all gas, Electrical, & Flue connections

Provide new T-Stats and control wire if applicable

hereby to furnish material and labor – complete in accordance with above specifications, for the sum of:

Thirty four thousand four hundred twenty Dollars (\$ *34,420.00*).

Payment to be made as follows:

Payment Due upon completion of units

All material is guaranteed to be as specified. All work to be completed in a workman-like manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized
Signature

[Signature]

Note: This proposal may be withdrawn by us if not accepted within *90* days.

- The above prices, specifications

and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _____

Date of Acceptance _____ Signature _____