

Commercial Tankless Electric Water Heaters Pricing and Ordering



H Series 2



G Series 6



F Series..... 9



N Series 12



N Series
Skid Packages 16

LAARS®
Heating Systems Company

Commercial Tankless Electric Water Heaters

Standard Features

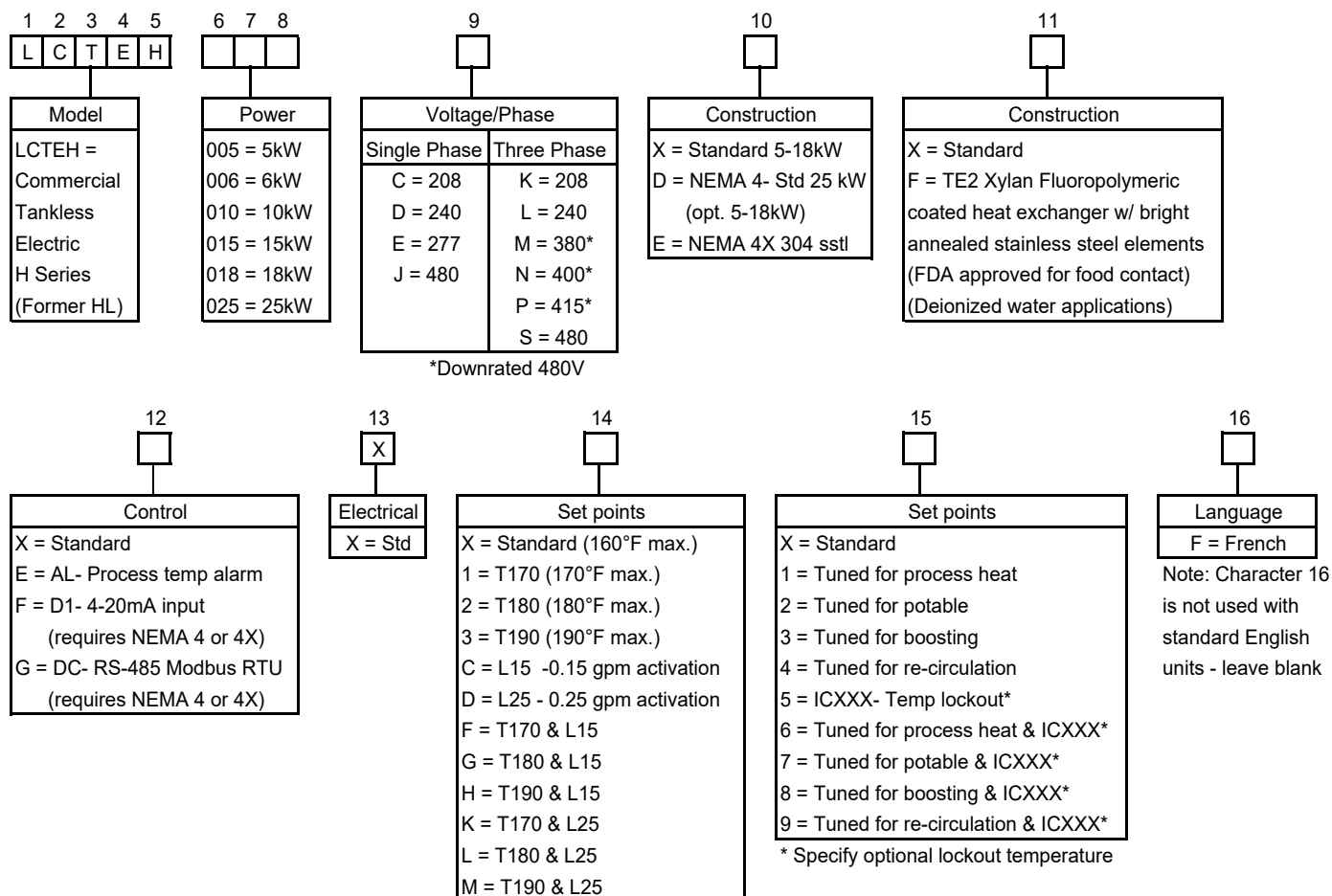
- 5-25 kW (17,000 - 85,300) BTU/hr
- NSF/ANSI 372 certified for lead free
- ETL certified to UL standards
- PID infinitely-modulating controller
- Heavy-duty low watt density Incoloy sheathed elements
- Wall-mounted
- NEMA 4 enclosure (25 KW units)
- 3/4" water connections
- Low flow activation 0.5 gpm (1.9 l/m)
- Low heat exchanger pressure drop
- Liquid-cooled triac switches
- Surface mounted bi-metal thermostat with manual reset
- Internal fusing (included) permits single power connection

Available Wattages / Voltages

[illegible]

*Downrated 480 V

Model Nomenclature



Important note: All Commercial Tankless Electric Water Heater orders must include completed submittal document. Submittal documents can be found at www.Laars.com

H Series (Formerly HL) Pricing - Effective March 21, 2022

Commercial Tankless Electric Water Heaters

List Prices

Model Number	Wattage	Voltage	Phase	List Price
LCTEH 005 C X XXXXX	5 kW	208 V	Single Phase	\$4,928
LCTEH 005 D X XXXXX	5 kW	240 V	Single Phase	\$4,928
LCTEH 006 C X XXXXX	6 kW	208 V	Single Phase	\$4,928
LCTEH 006 D X XXXXX	6 kW	240 V	Single Phase	\$4,928
LCTEH 006 E X XXXXX	6 kW	277 V	Single Phase	\$4,928
LCTEH 006 J X XXXXX	6 kW	480 V	Single Phase	\$5,228
LCTEH 010 C X XXXXX	10 kW	208 V	Single Phase	\$5,011
LCTEH 010 D X XXXXX	10 kW	240 V	Single Phase	\$5,011
LCTEH 010 J X XXXXX	10 kW	480 V	Single Phase	\$5,312
LCTEH 015 C X XXXXX	15 kW	208 V	Single Phase	\$5,078
LCTEH 015 D X XXXXX	15 kW	240 V	Single Phase	\$5,078
LCTEH 018 C X XXXXX	18 kW	208 V	Single Phase	\$5,144
LCTEH 018 D X XXXXX	18 kW	240 V	Single Phase	\$5,144
LCTEH 018 E X XXXXX	18 kW	277 V	Single Phase	\$5,144
LCTEH 018 J X XXXXX	18 kW	480 V	Single Phase	\$5,459

*Downrated 480 V

Model Number	Wattage	Voltage	Phase	List Price
LCTEH 010 K X XXXXX	10 kW	208 V	Three Phase	\$5,144
LCTEH 010 S X XXXXX	10 kW	480 V	Three Phase	\$5,383
LCTEH 010 M X XXXXX	10 kW	380 V*	Three Phase	\$5,383
LCTEH 015 K X XXXXX	15 kW	208 V	Three Phase	\$5,144
LCTEH 015 L X XXXXX	15 kW	240 V	Three Phase	\$5,144
LCTEH 015 M X XXXXX	15 kW	380 V*	Three Phase	\$5,383
LCTEH 015 N X XXXXX	15 kW	400 V*	Three Phase	\$5,383
LCTEH 015 P X XXXXX	15 kW	415 V*	Three Phase	\$5,383
LCTEH 018 K X XXXXX	18 kW	208 V	Three Phase	\$5,144
LCTEH 018 L X XXXXX	18 kW	240 V	Three Phase	\$5,144
LCTEH 018 S X XXXXX	18 kW	480 V	Three Phase	\$5,383
LCTEH 018 M X XXXXX	18 kW	380 V*	Three Phase	\$5,383
LCTEH 018 M X XXXXX	18 kW	400 V*	Three Phase	\$5,383
LCTEH 018 P X XXXXX	18 kW	415 V*	Three Phase	\$5,383
LCTEH 025 S X XXXXX	25 kW	480 V	Three Phase	\$8,905

*Downrated 480 V

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H Series (Formerly HL) Pricing - Effective March 21, 2022

Commercial Tankless Electric Water Heaters

Factory Mounted Options

Add to list price of boiler

Model Character 10

Character	Description	Model					
		5 kW	6 kW	10 kW	15 kW	18 kW	25 kW
X	Standard 5-18kW	no charge	no charge	no charge	no charge	no charge	no charge
D	NEMA 4 - Standard 25kW	\$1,115	\$1,115	\$1,115	\$1,115	\$1,115	\$1,115
E	NEMA 4X - 304 Stainless Steel	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700

Model Character 11

Character	Description	Model					
		5 kW	6 kW	10 kW	15 kW	18 kW	25 kW
X	Standard	no charge	no charge	no charge	no charge	no charge	no charge
F	TE2: XF Coated Heat Exchanger	\$6,240	\$6,240	\$6,240	\$6,240	\$6,240	\$6,240

Model Character 12

Character	Description	Model					
		5 kW	6 kW	10 kW	15 kW	18 kW	25 kW
X	Standard	no charge	no charge	no charge	no charge	no charge	no charge
E	AL: Process Temperature Alarm	\$172	\$172	\$172	\$172	\$172	\$172
F	D1: 4-20 mA Input*	\$811	\$811	\$811	\$811	\$811	\$811
G	DC: RS-485 Modbus RTU*	\$685	\$685	\$685	\$685	\$685	\$685

*Requires NEMA 4 or 4X

Model Character 13

Character	Description	Model					
		5 kW	6 kW	10 kW	15 kW	18 kW	25 kW
X	Standard	no charge	no charge	no charge	no charge	no charge	no charge

Model Character 14

Character	Description	Model					
		5 kW	6 kW	10 kW	15 kW	18 kW	25 kW
X	Standard	no charge	no charge	no charge	no charge	no charge	no charge
1	T170 High Temperature	\$215	\$215	\$215	\$215	\$215	\$215
2	T180 High Temperature	\$215	\$215	\$215	\$215	\$215	\$215
3	T190 High Temperature	\$215	\$215	\$215	\$215	\$215	\$215
C	L15: 0.15 gpm Activation	\$152	\$152	\$152	\$152	\$152	\$152
D	L25: 0.25 gpm Activation	\$152	\$152	\$152	\$152	\$152	\$152
F	T170 & L15	\$367	\$367	\$367	\$367	\$367	\$367
G	T180 & L15	\$367	\$367	\$367	\$367	\$367	\$367
H	T190 & L15	\$367	\$367	\$367	\$367	\$367	\$367
K	T170 & L25	\$367	\$367	\$367	\$367	\$367	\$367
L	T180 & L25	\$367	\$367	\$367	\$367	\$367	\$367
M	T190 & L25	\$367	\$367	\$367	\$367	\$367	\$367

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H Series (Formerly HL) Pricing - Effective March 21, 2022

Commercial Tankless Electric Water Heaters

Factory Mounted Options, Cont.

Add to list price of boiler

Model Character 15

Character	Description	Model					
		5 kW	6 kW	10 kW	15 kW	18 kW	25 kW
X	Standard	no charge	no charge	no charge	no charge	no charge	no charge
1	Tuned for Process Heat	no charge	no charge	no charge	no charge	no charge	no charge
2	Tuned for Potable Water	no charge	no charge	no charge	no charge	no charge	no charge
3	Tuned for Boosting	no charge	no charge	no charge	no charge	no charge	no charge
4	Tuned for Re-Circulation	no charge	no charge	no charge	no charge	no charge	no charge
5	ICXXX Temperature Lockout*	\$215	\$215	\$215	\$215	\$215	\$215
6	Process Heat & ICXXX*	\$215	\$215	\$215	\$215	\$215	\$215
7	Potable Water & ICXXX*	\$215	\$215	\$215	\$215	\$215	\$215
8	Boosting & ICXXX*	\$215	\$215	\$215	\$215	\$215	\$215
9	Re-Circulation & ICXXX*	\$215	\$215	\$215	\$215	\$215	\$215

*Specify optional lockout temperature

Model Character 16

Character	Description	Model					
		5 kW	6 kW	10 kW	15 kW	18 kW	25 kW
N/A	Standard English	<i>Character 16 is not used for English configuration - Leave blank</i>					
F	French	no charge	no charge	no charge	no charge	no charge	no charge

Accessories for Field Mounting

Order as separate line items

Description	Part Number	
Stainless steel thread adapter NPT to BSPP (NEMA 4 or 4X only)	List Price	LCTE-HED189 \$539
ASME Pressure & Temperature Relief Valve	List Price	LCTE-HEA116 \$101
ASME Pressure Relief Valve, Stainless	List Price	LCTE-OS141 \$5,637
Y-Strainer	List Price	LCTE-OS122 \$169
Y-Strainer, Stainless Steel	List Price	LCTE-OS142 \$597

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G Series (Formerly C1N) Pricing - Effective March 21, 2022

Light Industrial Tankless Electric Water Heaters

Standard Features

- 18-25 kW (61,400 - 85,300 BTU/hr)
- NSF/ANSI 372 certified for lead free
- ETL/cETL certified to UL/CSA stds
- PID infinitely-modulating controller
- Heavy-duty low watt density Incoloy sheathed elements
- Wall-mounted
- NEMA 4 enclosure
- 3/4" water connections
- Low flow activation 0.75 gpm (2.84 l/m)
- Low heat exchanger pressure drop
- Liquid-cooled solid state relays
- Independent safeties - auto and manual reset
- Internal fusing (included) permits single power connection

Model Nomenclature

1 L	2 C	3 T	4 E	5 G	6 	7 	8 	9 	10 	11 	
Model					Power			Voltage/Phase	Construction	Construction	
LCTEG = Commercial Tankless Electric G Series (Former C1N)					018 = 18kW 025 = 25kW			Three Phase S = 480 T = 600 M = 380* N = 400* P = 415*	D = NEMA 4 - Std E = NEMA 4X 304 sstl K = NEMA 4 & EXP2* M = NEMA 4 & Leg Kit N = NEMA 4X 304 & EXP2* R = NEMA 4X 304 & Leg Kit	X = Standard T = TE Teflon heat exchanger coating with bright annealed stainless steel elements (FDA approved) (Deionized water / mild corrosive) F = TE2 Xylan Fluoropolymeric coated heat exchanger w/ bright annealed stainless steel elements (FDA approved for food contact) (Deionized water applications)	
								*Downrated 480V	*LK not available with EXP2 *EXP2 is Explosion proof Class 1 Division 2		
12 					13 			14 		15 	
Control					Set points			Set points		Language	
X = Standard E = AL- Process temp alarm F = D1- 4-20mA input G = DC- RS-485 Modbus RTU					X = Standard (160°F max.) 1 = T170 (170°F max.) 2 = T180 (180°F max.) 3 = T190 (190°F max.) 4 = T200 (200°F max.) D = L25 - 0.25 gpm activation E = L5 - 0.5 gpm activation K = T170 & L25 L = T180 & L25 M = T190 & L25 N = T200 & L25 P = T170 & L5 R = T180 & L5 S = T190 & L5 T = T200 & L5			X = Standard 1 = Tuned for process heat 2 = Tuned for potable 3 = Tuned for boosting 4 = Tuned for re-circulation 5 = ICXXX- Temp lockout* 6 = Tuned for process heat & ICXXX* 7 = Tuned for potable & ICXXX* 8 = Tuned for boosting & ICXXX* 9 = Tuned for re-circulation & ICXXX* * Specify optional lockout temperature		F = French Note: Character 16 is not used with standard English units - leave blank	
Electrical											
X = Standard F = FDS- Internal fuse disconnect G = GF- Ground fault package J = FDS & GF											

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G Series (Formerly C1N) Pricing - Effective March 21, 2022

Light Industrial Tankless Electric Water Heaters

List Prices

Model Number	Wattage	Voltage	Phase	List Price
LCTEG 018 S D XXXXX	18 kW	480 V	Three Phase	\$11,269
LCTEG 018 T D XXXXX	18 kW	600 V	Three Phase	\$11,560
LCTEG 018 M D XXXXX	18 kW	380 V*	Three Phase	\$11,269
LCTEG 018 N D XXXXX	18 kW	400 V*	Three Phase	\$11,269
LCTEG 018 P D XXXXX	18 kW	415 V*	Three Phase	\$11,269
LCTEG 025 S D XXXXX	25 kW	480 V	Three Phase	\$11,760
LCTEG 025 T D XXXXX	25 kW	600 V	Three Phase	\$12,036
LCTEG 025 M D XXXXX	25 kW	380 V*	Three Phase	\$11,760
LCTEG 025 N D XXXXX	25 kW	400 V*	Three Phase	\$11,760
LCTEG 025 P D XXXXX	25 kW	415 V*	Three Phase	\$11,760

*Downrated 480 V

Factory Mounted Options

Add to list price of boiler

Model Character 10

Character	Description	Model	
		18 kW	25 kW
D	NEMA 4 - Standard	no charge	no charge
E	NEMA 4X - 304 Stainless Steel	\$4,320	\$4,320
K	NEMA 4 & EXP2*	\$11,957	\$11,957
M	EXP2*	\$4,397	\$4,397
N	NEMA 4X 304 & EXP2*	\$8,717	\$8,717
R	NEMA 4X 304 & Leg Kit	\$5,383	\$5,383

*LK is not available with EXP2

*EXP2 is Explosion proof Class 1 Division 2

Model Character 11

Character	Description	Model	
		18 kW	25 kW
X	Standard	no charge	no charge
T	TE - Teflon Coated Heat Exchanger	\$9,449	\$9,449
F	TE2 XF Coated Heat Exchanger	\$7,488	\$7,488

Model Character 12

Character	Description	Model	
		18 kW	25 kW
X	Standard	no charge	no charge
E	AL: Process Temperature Alarm	\$451	\$451
F	D1: 4-20 mA Input	\$811	\$811
G	DC: RS-485 Modbus RTU	\$1,200	\$1,200

Model Character 13

Character	Description	Model	
		18 kW	25 kW
X	Standard	no charge	no charge
F	FDS - Internal Fuse Disconnect	\$1,361	\$1,361
G	GF - Ground Fault Package	\$1,304	\$1,304
J	FDS & GF	\$2,665	\$2,665

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G Series (Formerly C1N) Pricing - Effective March 21, 2022

Light Industrial Tankless Electric Water Heaters

Factory Mounted Options, Cont.

Add to list price of boiler

Model Character 14

Character	Description	Model	
		18 kW	25 kW
X	Standard	no charge	no charge
1	T170 High Temperature	\$451	\$451
2	T180 High Temperature	\$451	\$451
3	T190 High Temperature	\$451	\$451
4	T120 High Temperature	\$451	\$451
D	L25: 0.25 gpm Activation	\$1,123	\$1,123
E	L5: 0.5 gpm Activation	\$1,123	\$1,123
K	T170 & L25	\$1,574	\$1,574
L	T180 & L25	\$1,574	\$1,574
M	T190 & L25	\$1,574	\$1,574
N	T200 & L25	\$1,574	\$1,574
P	T170 & L5	\$1,574	\$1,574
R	T180 & L5	\$1,574	\$1,574
S	T190 & L5	\$1,574	\$1,574
T	T200 & L5	\$1,574	\$1,574

Model Character 15

Character	Description	Model	
		18 kW	25 kW
X	Standard	no charge	no charge
1	Process Heat	no charge	no charge
2	Potable Water	no charge	no charge
3	Boosting	no charge	no charge
4	Re-Circulation	no charge	no charge
5	ICXXX Temperature Lockout*	\$300	\$300
6	Process Heat & ICXXX*	\$300	\$300
7	Potable Water & ICXXX*	\$300	\$300
8	Boosting & ICXXX*	\$300	\$300
9	Re-Circulation & ICXXX*	\$300	\$300

*Specify optional lockout temperature

Model Character 16

Character	Description	Model	
		18 kW	25 kW
N/A	Standard English	<i>Not used - leave blank</i>	
F	French	no charge	no charge

Accessories for Field Mounting

Order as separate line items

Description	Part Number	
Stainless steel thread adapter NPT to BSPP (NEMA 4 or 4X only)	List Price	LCTE-HED189 \$539
ASME Pressure & Temperature Relief Valve	List Price	LCTE-HEA116 \$101
ASME Pressure Relief Valve, Stainless	List Price	LCTE-OS141 \$5,637
Y-Strainer	List Price	LCTE-OS122 \$169
Y-Strainer, Stainless Steel	List Price	LCTE-OS142 \$597

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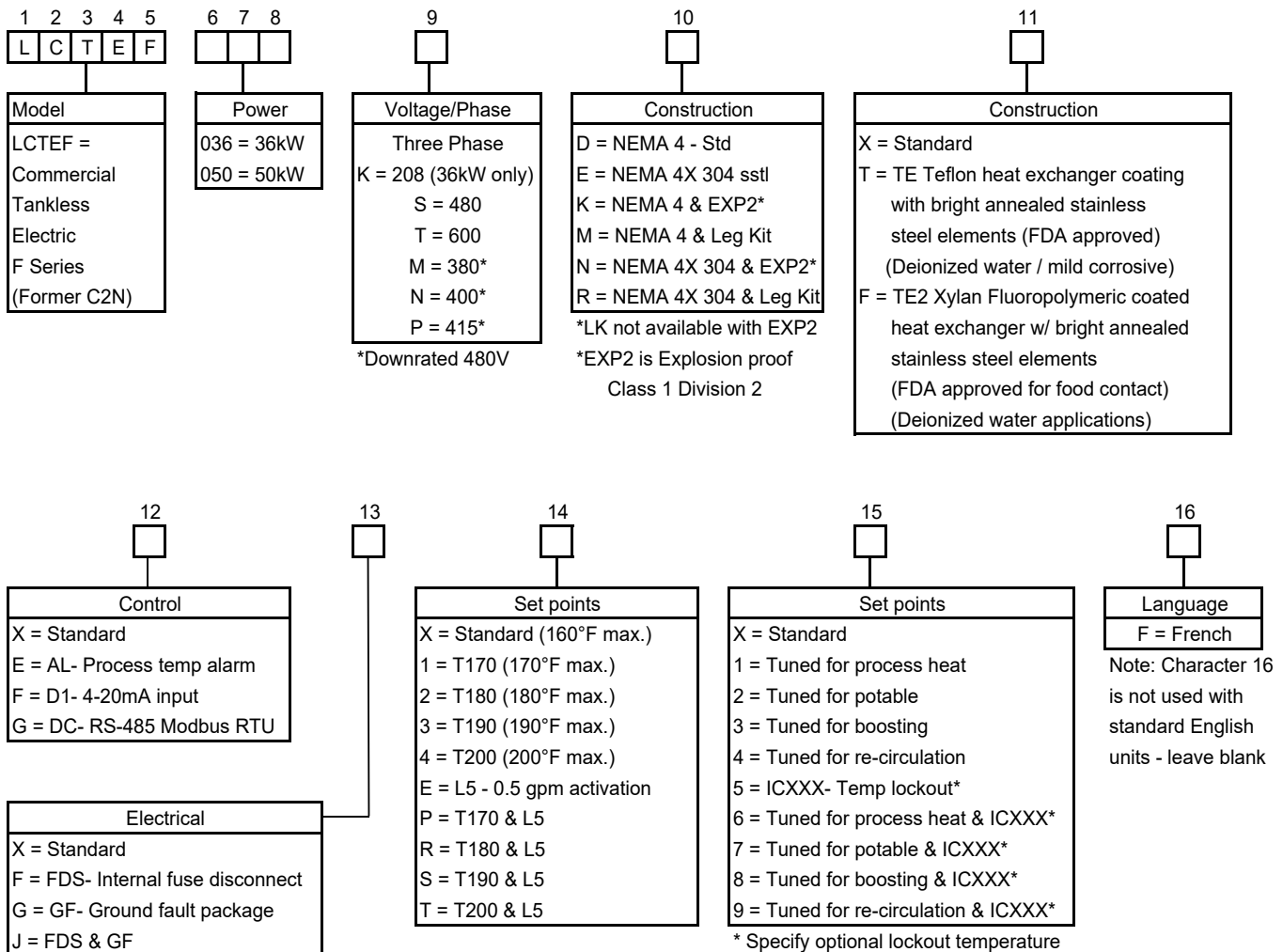
F Series (Formerly C2N) Pricing - Effective March 21, 2022

Light Industrial Tankless Electric Water Heaters

Standard Features

- 36-50 kW (122,800-170,600 BTU/hr)
- NSF/ANSI 372 certified for lead free
- ETL/cETL certified to UL/CSA stds
- PID infinitely-modulating controller
- Heavy-duty low watt density Incoloy sheathed elements
- Wall-mounted
- NEMA 4 enclosure
- 3/4" water connections
- Low flow activation 0.75 gpm (2.84 l/m)
- Low heat exchanger pressure drop
- Fan-cooled solid state relays
- Independent safeties - auto and manual reset
- Internal fusing (included) permits single power connection

Model Nomenclature



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F Series (Formerly C2N) Pricing - Effective March 21, 2022

Light Industrial Tankless Electric Water Heaters

List Prices

Model Number	Wattage	Voltage	Phase	List Price
LCTEF 036 K D XXXXX	36 kW	208V	Three Phase	\$14,719
LCTEF 036 S D XXXXX	36 kW	480 V	Three Phase	\$14,719
LCTEF 036 T D XXXXX	36 kW	600 V	Three Phase	\$14,935
LCTEF 036 M D XXXXX	36 kW	380 V*	Three Phase	\$14,680
LCTEF 036 N D XXXXX	36 kW	400 V*	Three Phase	\$14,680
LCTEF 036 P D XXXXX	36 kW	415 V*	Three Phase	\$14,680
LCTEF 050 S D XXXXX	50 kW	480 V	Three Phase	\$15,252
LCTEF 050 T D XXXXX	50 kW	600 V	Three Phase	\$15,524
LCTEF 050 M D XXXXX	50 kW	380 V*	Three Phase	\$15,252
LCTEF 050 N D XXXXX	50 kW	400 V*	Three Phase	\$15,252
LCTEF 050 P D XXXXX	50 kW	415 V*	Three Phase	\$15,252

*Downrated 480 V

Factory Mounted Options

Add to list price of boiler

Model Character 10

Character	Description	Model	
		36 kW	50 kW
D	NEMA 4 - Standard	no charge	no charge
E	NEMA 4X - 304 Stainless Steel	\$4,320	\$4,320
K	NEMA 4 & EXP2*	\$11,957	\$11,957
M	EXP2*	\$4,397	\$4,397
N	NEMA 4X 304 & EXP2*	\$8,717	\$8,717
R	NEMA 4X 304 & Leg Kit	\$5,383	\$5,383

*LK is not available with EXP2

*EXP2 is Explosion proof Class 1 Division 2

Model Character 11

Character	Description	Model	
		36 kW	50 kW
X	Standard	no charge	no charge
T	TE - Teflon Coated Heat Exchanger	\$10,711	\$10,711
F	TE2 XF Coated Heat Exchanger	\$8,736	\$8,736

Model Character 12

Character	Description	Model	
		36 kW	50 kW
X	Standard	no charge	no charge
E	AL: Process Temperature Alarm	\$451	\$451
F	D1: 4-20 mA Input	\$811	\$811
G	DC: RS-485 Modbus RTU	\$1,200	\$1,200

Model Character 13

Character	Description	Model	
		36 kW	50 kW
X	Standard	no charge	no charge
F	FDS - Internal Fuse Disconnect	\$1,361	\$1,361
G	GF - Ground Fault Package	\$1,304	\$1,304
J	FDS & GF	\$2,665	\$2,665

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F Series (Formerly C2N) Pricing - Effective March 21, 2022

Light Industrial Tankless Electric Water Heaters

Factory Mounted Options, Cont.

Add to list price of boiler

Model Character 14

Character	Description	Model	
		36 kW	50 kW
X	Standard	no charge	no charge
1	T170 High Temperature	\$451	\$376
2	T180 High Temperature	\$451	\$376
3	T190 High Temperature	\$451	\$376
4	T120 High Temperature	\$451	\$376
E	L5: 0.5 gpm Activation	\$1,123	\$936
P	T170 & L5	\$1,574	\$1,312
R	T180 & L5	\$1,574	\$1,312
S	T190 & L5	\$1,574	\$1,312
T	T200 & L5	\$1,574	\$1,312

Model Character 15

Character	Description	Model	
		36 kW	50 kW
X	Standard	no charge	no charge
1	Process Heat	no charge	no charge
2	Potable Water	no charge	no charge
3	Boosting	no charge	no charge
4	Re-Circulation	no charge	no charge
5	ICXXX Temperature Lockout*	\$300	\$250
6	Process Heat & ICXXX*	\$300	\$250
7	Potable Water & ICXXX*	\$300	\$250
8	Boosting & ICXXX*	\$300	\$250
9	Re-Circulation & ICXXX*	\$300	\$250

*Specify optional lockout temperature

Model Character 16

Character	Description	Model	
		36 kW	50 kW
N/A	Standard English	<i>Not used - leave blank</i>	
F	French	no charge	no charge

Accessories for Field Mounting

Order as separate line items

Description	Part Number	
Stainless steel thread adapter NPT to BSPP (NEMA 4 or 4X only)	List Price	LCTE-HED189 \$539
ASME Pressure & Temperature Relief Valve	List Price	LCTE-HEA116 \$101
ASME Pressure Relief Valve, Stainless	List Price	LCTE-OS141 \$5,637
Y-Strainer	List Price	LCTE-OS122 \$169
Y-Strainer, Stainless Steel	List Price	LCTE-OS142 \$597

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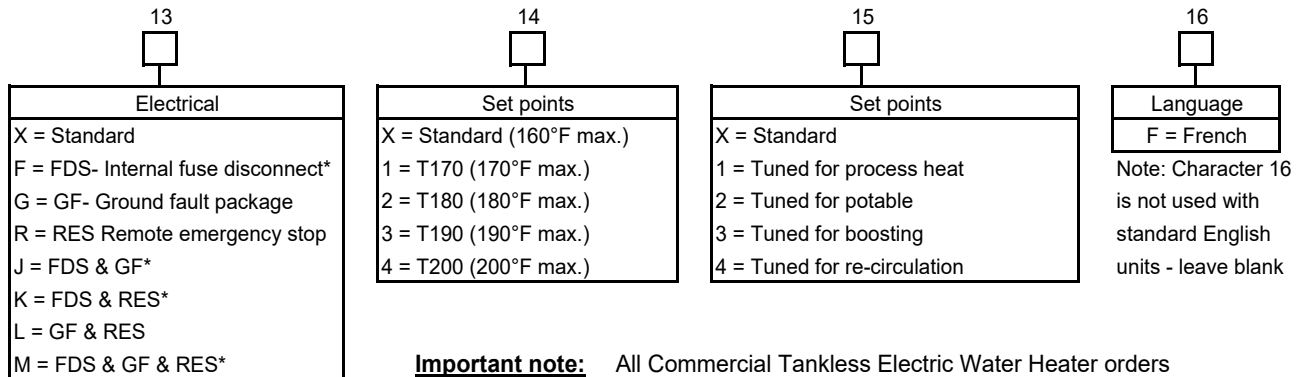
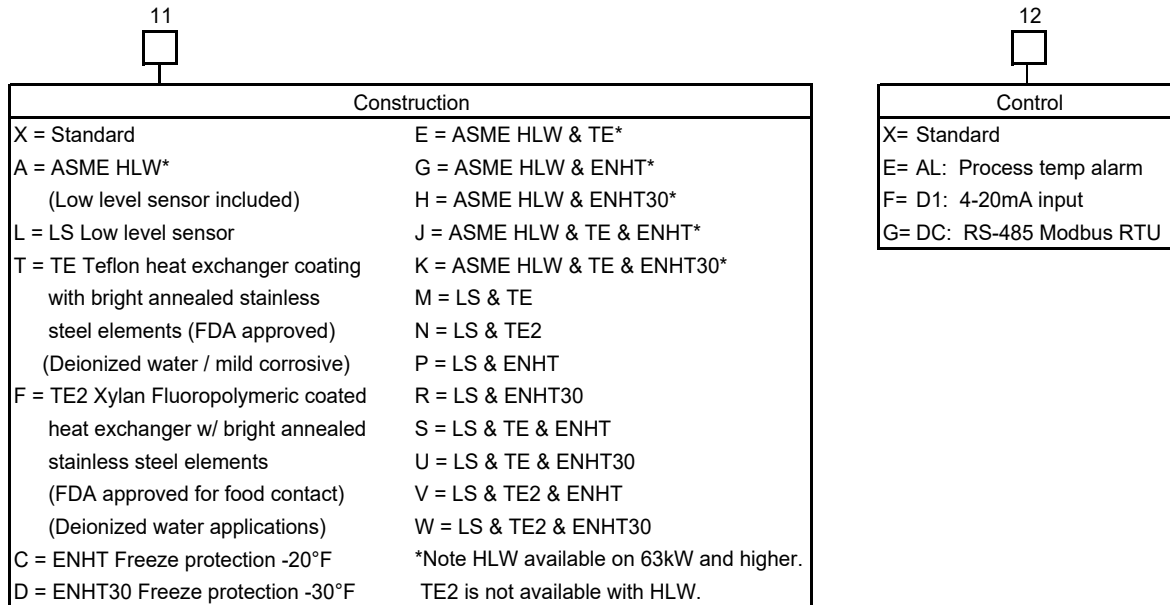
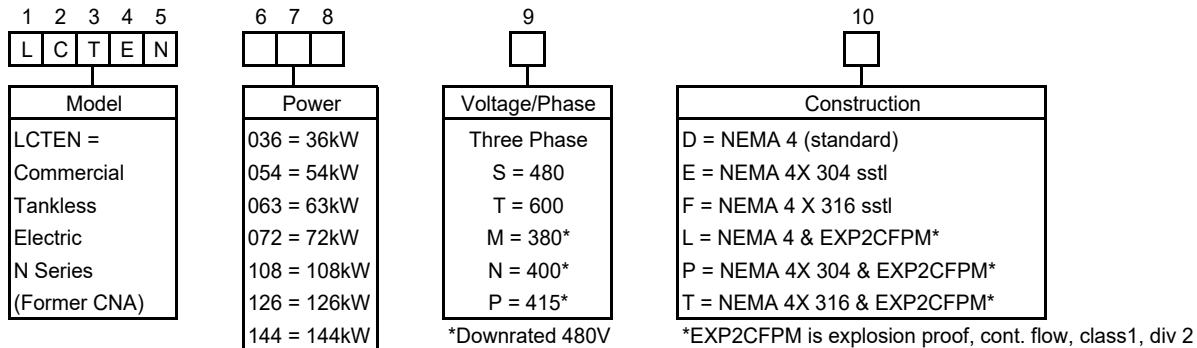
N Series (Formerly CNA) Pricing - Effective March 21, 2022

Large Industrial Tankless Electric Water Heaters

Standard Features

- 36-144kW (122,800-491,300) BTU/hr
- NSF/ANSI 372 certified for lead free
- ETL/cETL certified to UL/CSA stds
- PID infinitely-modulating controller
- Heavy-duty low watt Incoloy sheathed elements
- NEMA 4 enclosure
- 1-1/4" water connections
- Low flow activation 1.5 gpm (5.7 l/m)
- Door cutoff switch
- Emergency stop button
- Liquid-cooled solid state relays
- Independent safeties - auto and manual reset
- Internal fusing (included) permits single power connection

Model Nomenclature



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N Series (Formerly CNA) Pricing - Effective March 21, 2022

Large Industrial Tankless Electric Water Heaters

List Prices

Model Number	Wattage	Voltage	Phase	List Price
LCTEN 036 S D XXXXX	36 kW	480 V	Three Phase	\$27,328
LCTEN 036 T D XXXXX	36 kW	600 V	Three Phase	\$27,659
LCTEN 036 M D XXXXX	36 kW	380 V*	Three Phase	\$27,328
LCTEN 036 N D XXXXX	36 kW	400 V*	Three Phase	\$27,328
LCTEN 036 P D XXXXX	36 kW	415 V*	Three Phase	\$27,328
LCTEN 054 S D XXXXX	54 kW	480 V	Three Phase	\$27,493
LCTEN 054 T D XXXXX	54 kW	600 V	Three Phase	\$27,824
LCTEN 054 M D XXXXX	54 kW	380 V*	Three Phase	\$27,493
LCTEN 054 N D XXXXX	54 kW	400 V*	Three Phase	\$27,493
LCTEN 054 P D XXXXX	54 kW	415 V*	Three Phase	\$27,493
LCTEN 063 S D XXXXX	63 kW	480 V	Three Phase	\$27,653
LCTEN 063 T D XXXXX	63 kW	600 V	Three Phase	\$27,984
LCTEN 063 M D XXXXX	63 kW	380 V*	Three Phase	\$27,653
LCTEN 063 N D XXXXX	63 kW	400 V*	Three Phase	\$27,653
LCTEN 063 P D XXXXX	63 kW	415 V*	Three Phase	\$27,653
LCTEN 072 S D XXXXX	72 kW	480 V	Three Phase	\$30,137
LCTEN 072 T D XXXXX	72 kW	600 V	Three Phase	\$30,307
LCTEN 072 M D XXXXX	72 kW	380 V*	Three Phase	\$30,137
LCTEN 072 N D XXXXX	72 kW	400 V*	Three Phase	\$30,137
LCTEN 072 P D XXXXX	72 kW	415 V*	Three Phase	\$30,137
LCTEN 108 S D XXXXX	108 kW	480 V	Three Phase	\$30,504
LCTEN 108 T D XXXXX	108 kW	600 V	Three Phase	\$30,637
LCTEN 108 M D XXXXX	108 kW	380 V*	Three Phase	\$30,504
LCTEN 108 N D XXXXX	108 kW	400 V*	Three Phase	\$30,504
LCTEN 108 P D XXXXX	108 kW	415 V*	Three Phase	\$30,504
LCTEN 126 S D XXXXX	126 kW	480 V	Three Phase	\$30,836
LCTEN 126 T D XXXXX	126 kW	600 V	Three Phase	\$31,499
LCTEN 126 M D XXXXX	126 kW	380 V*	Three Phase	\$30,836
LCTEN 126 N D XXXXX	126 kW	400 V*	Three Phase	\$30,836
LCTEN 126 P D XXXXX	126 kW	415 V*	Three Phase	\$30,836
LCTEN 144 S D XXXXX	144 kW	480 V	Three Phase	\$30,836
LCTEN 144 T D XXXXX	144 kW	600 V	Three Phase	\$31,499
LCTEN 144 M D XXXXX	144 kW	380 V*	Three Phase	\$30,836
LCTEN 144 N D XXXXX	144 kW	400 V*	Three Phase	\$30,836
LCTEN 144 P D XXXXX	144 kW	415 V*	Three Phase	\$30,836

*Downrated 480 V

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N Series (Formerly CNA) Pricing - Effective March 21, 2022

Large Industrial Tankless Electric Water Heaters

Factory Mounted Options

Add to list price of boiler

Model Character 10

Character	Description	Model						
		36 kW	54 kW	63 kW	72 kW	108 kW	126 kW	144 kW
D	NEMA 4 (standard)	no charge	no charge	no charge	no charge	no charge	no charge	no charge
E	NEMA 4X 304 SSTL	\$8,245	\$8,245	\$8,245	\$8,245	\$8,245	\$8,245	\$8,245
F	NEMA 4X 316 SSTL	\$13,585	\$13,585	\$13,585	\$13,585	\$13,585	\$13,585	\$13,585
L	NEMA 4 & EXP2CFPM*	\$4,847	\$4,847	\$4,847	\$4,847	\$4,847	\$4,847	\$4,847
P	NEMA 4X 304 & EXP2CFPM*	\$13,092	\$13,092	\$13,092	\$13,092	\$13,092	\$13,092	\$13,092
T	NEMA 4X 316 & EXP2CFPM*	\$18,432	\$18,432	\$18,432	\$18,432	\$18,432	\$18,432	\$18,432

*EXP2CFPM is explosion proof, cont. flow, class1, div 2

Model Character 11

Character	Description	Model						
		36 kW	54 kW	63 kW	72 kW	108 kW	126 kW	144 kW
X	Standard	no charge	no charge	no charge	no charge	no charge	no charge	no charge
A	ASME HLW (includes LS)*	N/A	N/A	\$5,140	\$5,140	\$5,140	\$5,140	\$5,140
L	LS - Low Level Sensor	\$428	\$428	\$428	\$428	\$428	\$428	\$428
T	TE - Teflon Coated HX	\$12,551	\$12,551	\$12,551	\$12,551	\$12,551	\$12,551	\$12,551
F	TE2 - XF Coated HX*	\$10,296	\$10,296	\$10,296	\$10,296	\$10,296	\$10,296	\$10,296
C	ENHT Freeze Protect -20°F	\$4,172	\$4,172	\$4,172	\$4,172	\$4,172	\$4,172	\$4,172
D	ENHT30 Freeze Protect -30°F	\$5,563	\$5,563	\$5,563	\$5,563	\$5,563	\$5,563	\$5,563
E	ASME HLW & TE	N/A	N/A	\$17,690	\$17,690	\$17,690	\$17,690	\$17,690
G	ASME HLW & ENHT	N/A	N/A	\$9,312	\$9,312	\$9,312	\$9,312	\$9,312
H	ASME HLW & ENHT30	N/A	N/A	\$10,703	\$10,703	\$10,703	\$10,703	\$10,703
J	ASME HLW & TE & ENHT	N/A	N/A	\$21,863	\$21,863	\$21,863	\$21,863	\$21,863
K	ASME HLW & TE & ENHT30	N/A	N/A	\$23,254	\$23,254	\$23,254	\$23,254	\$23,254
M	LS & TE	\$12,979	\$12,979	\$12,979	\$12,979	\$12,979	\$12,979	\$12,979
N	LS & TE2*	\$10,724	\$10,724	\$10,724	\$10,724	\$10,724	\$10,724	\$10,724
P	LS & ENHT	\$4,601	\$4,601	\$4,601	\$4,601	\$4,601	\$4,601	\$4,601
R	LS & ENHT30	\$5,992	\$5,992	\$5,992	\$5,992	\$5,992	\$5,992	\$5,992
S	LS & TE & ENHT	\$17,152	\$17,152	\$17,152	\$17,152	\$17,152	\$17,152	\$17,152
U	LS & TE & ENHT30	\$18,542	\$18,542	\$18,542	\$18,542	\$18,542	\$18,542	\$18,542
V	LS & TE2 & ENHT*	\$14,897	\$14,897	\$14,897	\$14,897	\$14,897	\$14,897	\$14,897
W	LS & TE2 & ENHT30*	\$16,288	\$16,288	\$16,288	\$16,288	\$16,288	\$16,288	\$16,288

*HLW is not available with TE2

Model Character 12

Character	Description	Model						
		36 kW	54 kW	63 kW	72 kW	108 kW	126 kW	144 kW
X	Standard	no charge	no charge	no charge	no charge	no charge	no charge	no charge
E	AL: Process Temp Alarm	\$451	\$451	\$451	\$451	\$451	\$451	\$451
F	D1: 4-20mA Input	\$811	\$811	\$811	\$811	\$811	\$811	\$811
G	DC: RS-485 Modbus RTU	\$1,200	\$1,200	\$1,200	\$1,200	\$1,200	\$1,200	\$1,200

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N Series (Formerly CNA) Pricing - Effective March 21, 2022

Large Industrial Tankless Electric Water Heaters

Factory Mounted Options, Cont.

Add to list price of boiler

Model Character 13

Character	Description	Model						
		36 kW	54 kW	63 kW	72 kW	108 kW	126 kW	144 kW
X	Standard	no charge	no charge	no charge	no charge	no charge	no charge	no charge
F	FDS - Fuse Disconnect*	\$2,399	\$2,399	\$2,399	\$2,399	\$2,399	\$2,399	\$2,399
G	GF - Ground Fault Package	\$1,684	\$1,684	\$1,684	\$1,684	\$1,684	\$1,684	\$1,684
R	RES Remote Emergency Stop	\$857	\$857	\$857	\$857	\$857	\$857	\$857
J	FDS & GF*	\$4,083	\$4,083	\$4,083	\$4,083	\$4,083	\$4,083	\$4,083
K	FDS & RES*	\$3,256	\$3,256	\$3,256	\$3,256	\$3,256	\$3,256	\$3,256
L	GF & RES	\$2,541	\$2,541	\$2,541	\$2,541	\$2,541	\$2,541	\$2,541
M	FDS & GF & RES	\$4,940	\$4,940	\$4,940	\$4,940	\$4,940	\$4,940	\$4,940

*Not available with 72kW 600V

Model Character 14

Character	Description	Model						
		36 kW	54 kW	63 kW	72 kW	108 kW	126 kW	144 kW
X	Standard (160°F max.)	no charge	no charge	no charge	no charge	no charge	no charge	no charge
1	T170 High Temp 170°F max.	\$515	\$515	\$515	\$515	\$515	\$515	\$515
2	T180 High Temp 180°F max.	\$515	\$515	\$515	\$515	\$515	\$515	\$515
3	T190 High Temp 190°F max.	\$515	\$515	\$515	\$515	\$515	\$515	\$515
4	T200 High Temp 200°F max.	\$515	\$515	\$515	\$515	\$515	\$515	\$515

Model Character 15

Character	Description	Model						
		36 kW	54 kW	63 kW	72 kW	108 kW	126 kW	144 kW
X	Standard	no charge	no charge	no charge	no charge	no charge	no charge	no charge
1	Tuned for Process Heat	no charge	no charge	no charge	no charge	no charge	no charge	no charge
2	Tuned for Potable Water	no charge	no charge	no charge	no charge	no charge	no charge	no charge
3	Tuned for Boosting	no charge	no charge	no charge	no charge	no charge	no charge	no charge
4	Tuned for Re-Circulation	no charge	no charge	no charge	no charge	no charge	no charge	no charge

Model Character 16

Character	Description	Model						
		36 kW	54 kW	63 kW	72 kW	108 kW	126 kW	144 kW
N/A	Standard English	Character 16 is not used for English configuration - Leave blank						
F	French	no charge	no charge	no charge	no charge	no charge	no charge	no charge

Accessories for Field Mounting

Order as separate line items

Description	Part Number	
Stainless steel thread adapter NPT to BSPP (NEMA 4 or 4X only)	LCTE-HED187	List Price \$539
ASME Pressure & Temperature Relief Valve	LCTE-OS121	List Price \$336
ASME Pressure Relief Valve, Stainless	LCTE-OS137	List Price \$5,533
Y-Strainer	LCTE-OS123	List Price \$412
Y-Strainer, Stainless Steel	LCTE-OS106	List Price \$726

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N Series Skid Packages (Formerly CNA-Skid) Pricing-Effective March 21, 2022

Pre-Assembled Industrial Tankless Electric Water Heater Skid Packages

Standard Features

- Two back-to-back 108-144kW Series N tankless heaters for 216-288kW (737-983 MBH)
- Skid mounted and pre-piped
- NSF/ANSI 372 certified for lead free
- ETL/cETL certified to UL/CSA stds
- NEMA 4 enclosure
- Easily transportable with forklift
- PID infinitely-modulating controller
- Heavy-duty low watt Incoloy sheathed elements
- 1-1/4" water connections
- Low flow activation 1.5 gpm (5.7 l/m)
- Inlet Y-strainer and T&P relief valve included
- Liquid-cooled solid state relays
- Independent safeties - auto and manual reset
- Internal fusing (included) permits single power connection
- Door cutoff switch
- Emergency stop button

Model Nomenclature

1	2	3	4	5
L	C	T	E	C

Model

LCTEC =
Commercial
Tankless
Electric N Series
Skid (formerly
CNA-SKID)

6	7	8

Power

216= 216kW
252= 252kW
288= 288kW

9

Voltage/Phase

Three Phase
S = 480
T = 600
M = 380*
N = 400*
P = 415*

*Downrated 480V

10

Construction

D = NEMA 4 (standard)
E = NEMA 4X 304 sstl
F = NEMA 4 X 316 sstl
L = NEMA 4 & EXP2CFPM*
P = NEMA 4X 304 & EXP2CFPM*
T = NEMA 4X 316 & EXP2CFPM*

*EXP2CFPM is explosion proof, cont. flow, class1, div 2

11

Construction

X = Standard	C = ENHT Freeze protection -20°F
A = ASME HLW* (Low level sensor included)	D = ENHT30 Freeze protection -30°F
T = TE Teflon heat exchanger coating with bright annealed stainless steel elements (FDA approved) (Deionized water / mild corrosive)	E = ASME HLW & TE*
F = TE2 Xylan Fluoropolymeric coated heat exchanger w/ bright annealed stainless steel elements (FDA approved for food contact) (Deionized water applications)	G = ASME HLW & ENHT*
	H = ASME HLW & ENHT30*
	J = ASME HLW & TE & ENHT*
	K = ASME HLW & TE & ENHT30*
	*Note HLW available on 63kW and higher. TE2 is not available with HLW.

12

Control

X= Standard
E= AL: Process temp alarm
F= D1: 4-20mA input
G= DC: RS-485 Modbus RTU

13

Electrical

X = Standard
F = FDS- Internal fuse disconnect*
G = GF- Ground fault package
J = FDS & GF*

* Not available with 72kW 600V

14

Set points

X = Standard (160°F max.)
1 = T170 (170°F max.)
2 = T180 (180°F max.)
3 = T190 (190°F max.)
4 = T200 (200°F max.)

15

Set points

X = Standard
1 = Tuned for process heat
2 = Tuned for potable
3 = Tuned for boosting
4 = Tuned for re-circulation

16

Language

F = French

Note: Character 16
is not used with
standard English
units - leave blank

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N Series Skid Packages (Formerly CNA-Skid) Pricing-Effective March 21, 2022

Pre-Assembled Industrial Tankless Electric Water Heater Skid Packages

List Prices

Model Number	Wattage	Voltage	Phase	List Price
LCTEC 216 S D XXXXX	216 kW	480 V	Three Phase	\$59,466
LCTEC 216 T D XXXXX	216 kW	600 V	Three Phase	\$59,665
LCTEC 216 M D XXXXX	216 kW	380 V*	Three Phase	\$59,466
LCTEC 216 N D XXXXX	216 kW	400 V*	Three Phase	\$59,466
LCTEC 216 P D XXXXX	216 kW	415 V*	Three Phase	\$59,466
LCTEC 252 S D XXXXX	252 kW	480 V	Three Phase	\$59,952
LCTEC 252 T D XXXXX	252 kW	600 V	Three Phase	\$61,412
LCTEC 252 M D XXXXX	252 kW	380 V*	Three Phase	\$59,952
LCTEC 252 N D XXXXX	252 kW	400 V*	Three Phase	\$59,952
LCTEC 252 P D XXXXX	252 kW	415 V*	Three Phase	\$59,952
LCTEC 288 S D XXXXX	288 kW	480 V	Three Phase	\$59,952
LCTEC 288 T D XXXXX	288 kW	600 V	Three Phase	\$61,412
LCTEC 288 M D XXXXX	288 kW	380 V*	Three Phase	\$59,952
LCTEC 288 N D XXXXX	288 kW	400 V*	Three Phase	\$59,952
LCTEC 288 P D XXXXX	288 kW	415 V*	Three Phase	\$59,952

*Downrated 480V

Factory Mounted Options

Add to list price of boiler

Model Character 10

Character	Description	Model		
		216 kW	252 kW	288 kW
D	NEMA 4 (standard)	no charge	no charge	no charge
E	NEMA 4X 304 SSTL	\$16,490	\$16,490	\$16,490
F	NEMA 4X 316 SSTL	\$27,170	\$27,170	\$27,170
L	NEMA 4 & EXP2CFPM*	\$9,694	\$9,694	\$9,694
P	NEMA 4X 304 & EXP2CFPM*	\$26,184	\$26,184	\$26,184
T	NEMA 4X 316 & EXP2CFPM*	\$36,864	\$36,864	\$36,864

*EXP2CFPM is explosion proof, cont. flow, class1, div 2

Model Character 11

Character	Description	Model		
		216 kW	252 kW	288 kW
X	Standard	no charge	no charge	no charge
A	ASME HLW (includes LS)*	\$10,280	\$10,280	\$10,280
T	TE - Teflon Coated HX	\$25,102	\$25,102	\$25,102
F	TE2 - XF Coated HX*	\$20,592	\$20,592	\$20,592
C	ENHT Freeze Protect -20°F	\$8,345	\$8,345	\$8,345
D	ENHT30 Freeze Protect -30°F	\$11,126	\$11,126	\$11,126
E	ASME HLW & TE	\$35,382	\$35,382	\$35,382
G	ASME HLW & ENHT	\$18,625	\$18,625	\$18,625
H	ASME HLW & ENHT30	\$21,406	\$21,406	\$21,406
J	ASME HLW & TE & ENHT	\$43,727	\$43,727	\$43,727
K	ASME HLW & TE & ENHT30	\$46,508	\$46,508	\$46,508

*HLW is not available with TE2

Model Character 12

Character	Description	Model		
		216 kW	252 kW	288 kW
X	Standard	no charge	no charge	no charge
E	AL: Process Temp Alarm	\$902	\$902	\$902
F	D1: 4-20mA Input	\$1,622	\$1,622	\$1,622
G	DC: RS-485 Modbus RTU	\$2,400	\$2,400	\$2,400

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N Series Skid Packages (Formerly CNA-Skid) Pricing-Effective March 21, 2022

Pre-Assembled Industrial Tankless Electric Water Heater Skid Packages

Factory Mounted Options, Cont.

Add to list price of boiler

Model Character 13			Model		
	Character	Description	216 kW	252 kW	288 kW
	X	Standard	no charge	no charge	no charge
	F	FDS - Fuse Disconnect	\$4,798	\$4,798	\$4,798
	G	GF - Ground Fault Package	\$3,368	\$3,368	\$3,368
	J	FDS & GF	\$8,166	\$8,166	\$8,166

Model Character 14			Model		
	Character	Description	216 kW	252 kW	288 kW
	X	Standard (160°F max.)	no charge	no charge	no charge
	1	T170 High Temp 170°F max.	\$1,030	\$1,030	\$1,030
	2	T180 High Temp 180°F max.	\$1,030	\$1,030	\$1,030
	3	T190 High Temp 190°F max.	\$1,030	\$1,030	\$1,030
	4	T200 High Temp 200°F max.	\$1,030	\$1,030	\$1,030

Model Character 15			Model		
	Character	Description	216 kW	252 kW	288 kW
	X	Standard	no charge	no charge	no charge
	1	Tuned for Process Heat	no charge	no charge	no charge
	2	Tuned for Potable Water	no charge	no charge	no charge
	3	Tuned for Boosting	no charge	no charge	no charge
	4	Tuned for Re-Circulation	no charge	no charge	no charge

Model Character 16			Model		
	Character	Description	216 kW	252 kW	288 kW
	N/A	Standard English	Character 16 is not used for English		
	F	French	no charge	no charge	no charge

Accessories for Field Mounting

Order as separate line items

Description		
Stainless steel thread adapter NPT to BSPP (NEMA 4 or 4X only)	Part Number	LC TE-HED187
	List Price	\$539
ASME Pressure & Temperature Relief Valve	Part Number	LC TE-OS121
	List Price	\$336
ASME Pressure Relief Valve, Stainless	Part Number	LC TE-OS137
	List Price	\$5,533
Y-Strainer	Part Number	LC TE-OS123
	List Price	\$412
Y-Strainer, Stainless Steel	Part Number	LC TE-OS106
	List Price	\$726

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Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Notes