



The new degree of comfort.®



Commercial Electric
ELD / ELDS Conversion Kits

Converting Rheem Electric ELD or ELDS Models w/New Conversion Kits

Step 1: Determine “current configuration” of your ELD/ELDS water heater.

A. Voltage Rating?

Check the rating label for “208”, “240”, “277” or “480” volts.

B. Element Wattage?

Check the rating label for the upper & lower element wattage (ex. 3000/3000 watts)

You now have enough information to determine the zone of your ELD.

ELD-TB CONVERSION CHARTS

ELEMENT WATTAGE UPPER OR LOWER	VOLTAGE			
	208	240	277	480
3,000	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)
4,000	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)
4,500	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)
5,000	Zone 1 (Fused)	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)
6,000	Zone 1 (Fused)	Zone 1 (Fused)	Zone 1 (Non-Fused)	Zone 1 (Non-Fused)
6,050	Zone 2 (Fused)	Zone 2 (Fused)	Zone 2 (Non-Fused)	Zone 2 (Non-Fused)

Non-Fused configurations can not convert to fused.

Zone 2 heaters can convert down to Zone 1, but Zone 1 cannot convert up to Zone 2.

6050 Heaters are for ELD 66, 80 and 120 models only.

A non Fused Terminal Block **CAN NOT** convert to Configurations 208 Volt 5KW/5KW Sim, 208 Volt 6KW/6KW Sim, or 240 Volt 6KW/6KW Sim. Please refer to Conversion kit instructions on which zones can be converted.

You now have the configuration of your ELD or ELDS heater

(ex. 208V - 4500/4500W)

Step 2: Determine your desired ELD/ELDS water heater “new configuration.”

Specify: A New Voltage? B. New Element Wattage?

Step 3: Review the allowable “Paths of Conversion”

Terminal Block (SIMULTANEOUS OR NON SIMULTANEOUS)
(SINGLE PHASE OR 3 PHASE)

...CAN be converted to Simultaneous or NON simultaneous operation using Terminal Block feature on ELD-TB models Or Single Phase or 3 Phase.

...CAN be converted to an alternative VOLTAGE rating.

...CAN be converted to an alternative ELEMENT WATTS rating.



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Step 4: Select the appropriate conversion kit based on allowable conversions shown in step 3.

AVAILABLE KITS FOR THE ELD(S)-TB

MODEL	VOLTAGE	ELEMENT KW INPUT	KIT WATTAGE	KIT NUMBER
ELD(S) MODELS UNDER 55 GALLON	208	3.0	3000/3000	SP20943
		4.0	4000/4000	SP20944
		4.5	4500/4500	SP20945
		5.0	5000/5000	SP20946
		6.0	6000/6000	SP20947
	240	3.0	3000/3000	SP20948
		4.0	4000/4000	SP20949
		4.5	4500/4500	SP20950
		5.0	5000/5000	SP20951
		6.0	6000/6000	SP20952
	277	3.0	3000/3000	SP20953
		4.0	4000/4000	SP20954
		4.5	4500/4500	SP20955
		5.0	5000/5000	SP20956
		6.0	6000/6000	SP20957
	480	3.0	3000/3000	SP20958
		4.0	4000/4000	SP20959
		4.5	4500/4500	SP20960
		5.0	5000/5000	SP20961
		6.0	6000/6000	SP20962
ELD MODELS OVER 55 GALLON	208	6.05	6050/6050	SP20963
	240	6.05	6050/6050	SP20964
	277	6.05	6050/6050	SP20965
	480	6.05	6050/6050	SP20966
	208	3.0	3000/3000	SP20967
		4.0	4000/4000	SP20968
		4.5	4500/4500	SP20969
		5.0	5000/5000	SP20970
		6.0	6000/6000	SP20971
	240	3.0	3000/3000	SP20972
		4.0	4000/4000	SP20973
		4.5	4500/4500	SP20974
		5.0	5000/5000	SP20975
		6.0	6000/6000	SP20976
	277	3.0	3000/3000	SP20977
		4.0	4000/4000	SP20978
		4.5	4500/4500	SP20979
		5.0	5000/5000	SP20980
		6.0	6000/6000	SP20981
	480	3.0	3000/3000	SP20982
		4.0	4000/4000	SP20983
		4.5	4500/4500	SP20984
		5.0	5000/5000	SP20985
		6.0	6000/6000	SP20986

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

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