

EPA WEIGHTED AVERAGES CALCULATIONS
EPA WEIGHTED AVERAGE PARTICULATE EMISSION RATE

The weighted average particulate emission rate (\overline{PM}) for the

PACIFIC ENERGY NEO 1.6 NONCATALYTIC WOOD HEATER

manufactured by PACIFIC ENERGY

FIREPLACE PRODUCTS, LTD is 3.42 g/hr.

EPA WEIGHTED AVERAGE OVERALL EFFICIENCY

The weighted average overall efficiency ($\%OE$) using the Higher

Heating Value (HHV) in CSA B415.10-1 is 74.8%.

The weighted average overall efficiency ($\%OE$) using the Lower Heating Value (LHV) in

CSA B415.10-1 is 80.9%. The EPA Default efficiency Value is 63.0%.

EPA TEST RESULTS

Run #	Dry Burn Rate/kg/hr	Grams/Hour	HHV Overall Efficiency	LHV Overall Efficiency
5	0.760	3.577	76.6	82.8
3	1.229	3.447	75.4	81.5
8	1.335	2.972	71.5	77.3
7	1.466	2.813	73.9	79.9
2	2.017	3.363	74.3	80.3
1	2.804	5.212	70.8	76.5
6	0.986	2.981	75.5	81.6
4	1.353	5.301	74.8	80.8

Run 6 = Fan Confirmation Test
Run 4 - Replaced by Runs 7 and 8