

ONE YEAR

\$ Pay back \$

oil fired				
Smith series 28 # Of sections	Series 28 Thermal Efficiency	Series 28HE Thermal Efficiency	% more Efficient	Hours of operation for pay back
4	80.4	83.9	3.5	2317
5	80.7	84.4	3.7	2086
6	80.8	84.8	4	1925
7	81.0	85	4	1863
8	81.1	85.2	4.1	1925
9	81.1	85.3	4.2	1834
10	81.2	85.4	4.2	1884
11	81.2	85.5	4.3	1820
12	81.3	85.6	4.3	1763
13	81.3	85.6	4.3	1763
14	81.3	85.7	4.4	1717
15	81.4	85.7	4.3	1758
16	81.4	85.7	4.3	1767
17	81.4	85.8	4.4	1689
18	81.4	85.7	4.3	1725

Figures based on oil cost of \$1.40/ gallon with a heat content of 140,000 btu/Gal.

A typical heating season is 2000 hours

Weil 88 and Burnham V-11 efficiencies are similar to 28A, therefore payback would net similar results.

Gas firing produces similar payback.