

product has been restricted primarily to the Southeast, California, and Hawaii. Two of the current manufacturers are in Tennessee, and two are in Georgia, indicating the regional nature of the technology's availability.

A profitable spin-off application for the HPWH has been marketed by E-Tech, EUS, and possibly others for the past five or so years - the HPWH for swimming pools and spas.

State Industries has also sold some units to fast food restaurants that do not require prohibitively hot water for washing dishes. E-Tech estimated that their commercial sales totaled only 300 per year in recent years.

EUS has also developed and marketed an improved retrofit HPWH, and sold about 50 units of these in 1986 and 1987. Three basic improvements were made to the old retrofit design: changes in shape, material, and capacity. As opposed to their old rectangular model, the new model is a narrow dome. Because this shape

**Table 5.1 Manufacturers of Heat Pump
Water Heaters (1980 through 1986)**

1980 (N=3)	1982 (N=12)	1984 (N=8)	1986 (N=5)
E-Tech Energy Utilization Systems, Inc. (EUS) Fedders	American Appliance Manufacturing Corp. Borg-Warner Carrier DEC International E-Tech EUS Duo-Therm Fedders Manoir International Oregon Heat Pump Rheem Mfg. Co. State Industries, Inc.	Borg-Warner DEC Duo-Therm E-Tech EUS Fedders Rheem State	DEC E-Tech EUS Rheem State