

Load Profile:

TWE, system = 78.22%

Commercial Buildings (IPLV)

	1	2	3	4	5	Total
Flow (%)	100.0	75.0	50.0	25.0	-	-
Flow (USgpm)	140.0	105.0	70.00	35.00	-	-
Operating time (%)	1.0	42.0	45.0	12.0	-	100.0
Operating time (Hours)	87.60	3,679.20	3,942.00	1,051.20	-	8760.0
Energy cost, present value (\$)	0.1	0.1	0.1	0.1	-	-
Speed, rated (rpm)	3400.0	2781.0	2234.0	1814.0	-	-
Head (psi)	180.0	125.0	85.54	61.90	-	-
Head, System (psi)	180.0	124.9	85.50	61.88	-	-
Efficiency (%)	80.84	80.17	76.46	60.73	-	-
Power, rated (hp)	18.19	9.55	4.57	2.08	-	-
Energy, hydraulic (kWh)	960.4	20,999.3	10,267.3	990.7	-	33,217.7
Energy, hydraulic, System (kWh)	960.3	20,984.5	10,262.7	990.3	-	33,197.7
Energy, total (kWh)	1,188.0	26,195.0	13,428.0	1,631.4	-	42,442.4
Energy, total, system (kWh)	1,188.0	26,195.0	13,428.0	1,631.4	-	42,442.4
Energy cost	\$ 118.80	\$ 2,619.50	\$ 1,342.80	\$ 163.14	-	\$ 4,244.24

TWE, pump is ratio of of the total hydraulic energy produced by the pump divided by the total energy consumed by the pump, added across all of the operating points. [Energy,hydraulic] / [Energy,total].

TWE, system is ratio of the total hydraulic energy along the system curve divided by the total energy consumed by the pump, added across all of the operating points . [Energy,hydraulic,System] / [Energy,total].