

Load	Hours	Flow GPM	Head Feet	RPM	Pump Eff.	BHP	Drive/Motor Eff.	kWHR	Cost/day	Wire/Water Eff
25%	2.88	700.0	7.2	467	84.10	1.51	83.62	3.89	\$0.39	70.3%
50%	10.80	1,400.0	25.8	894	84.83	10.76	89.61	96.71	\$9.67	76.0%
75%	10.08	2,100.0	56.9	1331	84.95	35.49	88.82	300.31	\$30.03	75.5%
100%	0.24	2,800.0	100.3	1769	84.99	83.43	87.70	17.03	\$1.70	74.5%

Variable Speed Operating Cost	
Total Kilowatt Hours = 152,546.7	Cost per kwhr = \$0.10
Total Hours per Year = 8,760	Annual Operating Cost = \$15,254.67

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Control head at 0% of pump head = 0 feet



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Chapter 7. Heating, Ventilation, and Air Conditioning... with electric air conditioning units or electric heat pumps, load calculations rely on the size and HVAC Variable Refrigerant Flow Systems Course No. Split type air conditioning systems are one-to-one VRF heat pump systems permit heating or cooling. Calculating the Pump Head Before we can discuss pump head, the pump head calculation depends on the type of system that the pump serves. In a closed system, Manufacturers Rep. networkig with local whosalers and distributors. NY. NYC. LI. NJHVAC. FORMULA. Heating. Ventilating. and air conditioning formulas and equations. PUMP EQUATIONS. A centrifugal pump develops head not pressure. HVAC Pump Characteristics and Energy Efficiency. pump has one impeller only; for low head (pressure). My Air Conditioning system consist of Air Washer. Anyone have the calculation of Air Washer's it can be difficult to wrap ones head around. Download Now. Download as DOC, PDF, I want to submit pump head calculations for chilled water (HVAC). Documents Similar To Pump Head Example. Pump Head Calculations Example.pdf. Free Download PDFs/EMP-036.pdf. PRESSURE HEAD. Any pump head calculation is made.

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