

Tabel 4.8 Data hasil penelitian variasi pembebanan terhadap efisiensi pompa hidram pada volume tabung udara 1, 2 dan 3 liter

Beban Katup Limbah	pengulangan	V. Tab Udara			V. Tab Udara			Volume Tabung Udara			Volume Tabung Udara			Volume Tabung Udara		
		1l	2l	3l	1l	2l	3l	1l	2l	3l	1l	2l	3l	1l	2l	3l
		Q _w (l/menit)			H _d (m)			Q _s (l/menit)			H _s (m)			Efisiensi (%)		
100	1	30.950	30.300	30.150	1.5	1.5	1.5	1.350	1.820	2.100	2.650	3.160	2.956	7.384	11.937	12.832
	2	30.890	30.350	30.250	1.5	1.5	1.5	1.410	1.800	1.950	2.599	3.109	3.007	7.564	11.604	12.140
	3	30.090	30.400	30.150	1.5	1.5	1.5	1.350	1.790	2.050	2.599	3.106	2.905	7.440	11.514	12.330
200	1	30.900	30.750	29.800	1.5	1.5	1.5	1.200	1.350	1.350	2.854	3.262	3.058	7.113	9.146	8.835
	2	30.800	30.650	29.840	1.5	1.5	1.5	1.250	1.300	1.310	2.854	3.313	3.058	7.421	8.987	8.574
	3	30.800	30.650	29.800	1.5	1.5	1.5	1.200	1.300	1.300	2.905	3.262	3.109	7.263	8.848	8.664
300	1	31.300	30.700	29.850	1.5	1.5	1.5	0.500	0.900	1.200	2.956	3.364	3.160	3.099	6.387	8.142
	2	31.300	30.750	29.850	1.5	1.5	1.5	0.450	0.850	1.205	3.058	3.262	3.160	2.889	5.850	8.174
	3	31.240	30.650	29.600	1.5	1.5	1.5	0.510	0.870	1.170	2.956	3.415	3.211	3.165	6.284	8.140
400	1	30.850	30.600	29.800	1.5	1.5	1.5	0.350	0.500	1.000	3.160	3.568	3.580	2.363	3.824	7.749
	2	30.800	30.600	29.500	1.5	1.5	1.5	0.400	0.450	0.970	3.109	3.619	3.364	2.657	3.497	7.139
	3	30.630	30.500	29.350	1.5	1.5	1.5	0.420	0.475	0.980	3.109	3.619	3.466	2.804	3.700	7.466