

Lampiran 2 : Dokumentasi Penelitian



Gambar : Foto turbin angin *savonius type L*



Gambar : Foto persiapan pengujian turbin angin *savonius type L* dalam *wind tunnel*



Gambar : Foto turbin angin *savonius type L* saat diuji



Gambar : Foto penguji saat pengambilan data

Lampiran 1 : Tabel Properti Udara pada Tekanan atmosfer

Table A-5 Properties of air at atmospheric Pressure

T. K	kg/m^3	C_p $\text{kJ/kg}\cdot^\circ\text{C}$	μ $\text{kg/m}\cdot\text{s}$ $\times 10^5$	ν m^2/s $\times 10^6$	k , $\text{W/m}\cdot^\circ\text{C}$	α , m^2/s $\times 10^4$	Pr
100	3.6010	1.0266	0.6924	1.923	0.009246	0.02501	0.770
150	2.3675	1.0099	1.0283	4.343	0.013735	0.05745	0.753
200	1.7684	1.0061	1.3289	7.490	0.01809	0.10165	0.793
250	1.4128	1.0053	1.5990	11.31	0.02227	0.15675	0.733
300	1.1774	1.0057	1.8462	15.69	0.02624	0.22160	0.708
350	0.9980	1.0090	2.075	20.76	0.03003	0.2983	0.697
400	0.8826	1.0240	2.286	25.90	0.03365	0.3760	0.689
450	0.7833	1.0207	2.484	31.71	0.03707	0.4222	0.683
500	0.7048	1.0295	2.671	37.90	0.04038	0.5564	0.680

Sumber : Diadopsi dari Holman (1997)

