Lampiran 4: Tabel Hasil Pengolahan Data

Debit Udara (l/min)	Debit air (l/min)	ϕ in	interpolasi pg in	pv in	ωin
6	0.06	0.72	4.0095	2.88684	0.018245674
	0.05	0.73	3.778	2.75794	0.017408188
	0.04	0.67	3.89375	2.6088125	0.016442009
7	0.06	0.78	4.753	3.70734	0.023628472
	0.05	0.69	4.369	3.01461	0.019077987
	0.04	0.62	4.753	2.94686	0.018636384
8	0.06	0.72	3.569	2.56968	0.016188958
	0.05	0.63	4.753	2.99439	0.018946127
	0.04	0.59	5.629	3.32111	0.021083423
9	0.06	0.58	4.369	2.53402	0.015958536
	0.05	0.62	4.89425	3.034435	0.019207324
	0.04	0.59	5.94	3.5046	0.022290018
10	0.06	0.59	4.753	2.80427	0.01770895
	0.05	0.73	3.778	2.75794	0.017408188
	0.04	0.64	5.318	3.40352	0.021624776

ϕ out	interpolasi pg out	pv out	ωout	volume spesifik (m3/kg)	ρ (kg/m3)
0.85	4.241	3.60485	0.022951157	0.891	1.122334456
0.86	4.753	4.08758	0.026153806	0.886	1.128668172
0.79	4.753	3.75487	0.023943062	0.889	1.124859393
0.86	5.0355	4.33053	0.027777708	0.9068	1.102779003
0.87	5.17675	4.5037725	0.028940658	0.8988	1.112594571
0.85	4.497	3.82245	0.024390887	0.9068	1.102779003
0.8	3.4645	2.7716	0.017496835	0.8811	1.134944955
0.75	5.94	4.455	0.028612835	0.9068	1.102779003
0.87	4.0095	3.488265	0.022182418	0.9241	1.082133968
0.87	4.0095	3.488265	0.022182418	0.8988	1.112594571
0.73	5.94	4.3362	0.027815704	0.9096	1.099384345
0.75	5.318	3.9885	0.025493873	0.9302	1.075037626
0.89	4.753	4.23017	0.027105907	0.9068	1.102779003
0.81	5.629	4.55949	0.029315566	0.886	1.128668172
0.74	5.0355	3.72627	0.023753729	0.9182	1.089087345

ṁmoist air in (kg/s)	ṁmoist air out (kg/s)	ṁv in (kg/s)	hv in (kJ/kg)	ṁv out (kg/s)	hv out (kJ/kg)
0.13454545	0.135167211	0.002410884	2554.55	0.003032641	2556.4
0.13530474	0.136467817	0.002315108	2552.7	0.003478185	2560
0.13484814	0.135843285	0.002181309	2553.625	0.00317645	2560
0.15430911	0.154934595	0.003561926	2560	0.004187411	2561.8
0.15568258	0.157189278	0.002914507	2557.3	0.004421208	2562.7
0.15430911	0.155180835	0.002823151	2560	0.003694877	2558.2
0.1815858	0.18181951	0.002892853	2550.9	0.003126561	2550
0.1764394	0.178113277	0.003280687	2560	0.004954562	2567.2
0.17313629	0.173322642	0.003574934	2565.4	0.003761281	2554.5
0.20026953	0.201496401	0.003145806	2557.3	0.004372681	2554.5
0.19789166	0.199563079	0.003729339	2560.9	0.005400762	2567.2
0.19350919	0.194115649	0.004219276	2567.2	0.004825733	2563.6
0.22040968	0.222444822	0.003835305	2560	0.005870445	2560
0.22558409	0.22822424	0.003859818	2552.7	0.006499972	2565.4
0.21767316	0.218126772	0.004607497	2563.6	0.005061104	2561.8

ṁevaporation (kg/s)	ṁdry air (kg/s)	hair in (kJ/kg)	hair out (kJ/kg)	ṁwater in (kg/s)	hwater in (kJ/kg)
0.000621757	0.13213457	75.60948769	88.67233708	0.06	209.26
0.001163077	0.132989632	72.43788082	98.95374301	0.05	209.26
0.000995141	0.132666835	70.48672476	93.29423989	0.04	209.26
0.000625486	0.150747183	92.48888952	104.1609333	0.06	209.26
0.001506701	0.152768069	79.28813687	107.6662237	0.05	209.26
0.000871726	0.151485958	79.70914396	93.39676694	0.04	209.26
0.000233709	0.178692949	68.29641183	71.11693035	0.06	209.26
0.001673875	0.173158715	80.50208533	109.4548699	0.05	209.26
0.000186347	0.169561361	89.08741433	85.6649878	0.04	209.26
0.001226875	0.19712372	71.31076392	85.6649878	0.06	209.26
0.001671423	0.194162317	81.68803668	107.4084764	0.05	209.26
0.000606457	0.189289916	93.22293352	99.35609223	0.04	209.26
0.00203514	0.216574378	77.33491154	101.3911207	0.06	209.26
0.002640155	0.221724268	72.43788082	110.2061523	0.05	209.26
0.000453607	0.213065668	89.43727546	93.85230295	0.04	209.26

ṁwater out (kg/s)	hwater out (kJ/kg)	hwater wb (kJ/kg)	q out(kJ/s)	q max(kJ/s)	Effectivness
0.059378243	154.915	104.77	3.357019467	6.334541468	0.529954612
0.048836923	146.56	100.59	2.991487654	5.550493869	0.538958825
0.039004859	142.38	100.59	2.816888182	4.446901238	0.633449684
0.059374514	151.78	113.13	3.543736209	5.838561189	0.530116578
0.048493299	142.38	108.95	3.108765478	5.179655088	0.600187739
0.039128274	138.2	108.95	2.96287258	4.107374584	0.721354364
0.059766291	150.74	96.41	3.546429228	6.793531842	0.548744878
0.048326125	138.2	108.95	3.236758387	5.19786865	0.622708769
0.039813653	136.67	117.31	2.929068057	3.699860377	0.79166989
0.058773125	150.74	100.59	3.696139117	6.643611343	0.556344874
0.048328577	136.67	111.04	3.487683784	5.096594814	0.684316472
0.039393543	134.02	121.485	3.090877428	3.584675483	0.862247487
0.05796486	142.38	106.86	3.987563434	6.361475066	0.626830003
0.047359845	134.02	100.59	3.608787474	5.699073158	0.633223574
0.039546393	129.84	117.31	3.235696309	3.731212616	0.867196979

Cs	m*	NTU
4.18038462	0.995491681	1.124598418
4.18	0.991477283	1.163218619
4.18	0.992674345	1.717290975
4.25777778	1.01449491	1.137513874
4.18	0.990414733	1.490476112
4.18	0.994382513	2.570144415
4.18	0.998714612	1.21509193
4.18	0.99060219	1.637803156
4.148	0.991277583	3.73845389
4.18	0.993911182	1.249239861
4.148	0.984033203	2.13105879
4.18	0.996875793	6.198978823
4.18	0.990851034	1.666967485
4.18	0.988431752	1.709442284
4.18	0.997920444	6.486010151