

ภาคผนวก ก
ผลการทดลองวัดอุณหภูมิ

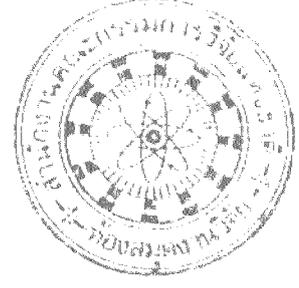
ตาราง ก. 1 ตารางการทดลองชุดทดลองระบบทำความเย็นแบบระเหยชนิดโดยตรงและโดยอ้อม แบบใช้ Coil ร่วมกับ Pad ร่วมกัน โดยใช้เวลาทำการทดลอง 1 ชั่วโมง เริ่มตั้งแต่ 9:44 น. ถึง 10:43 น. และบันทึกผลทุก ๆ 1 นาที

Time (min)	T ₁		T ₂		T ₃		อุณหภูมิ ปกติ	m. (kg/s)	RH		ΔT T ₁ -T ₂ °C	Q (kw)	η
	in °C	WBI °C	out °C	WB2 °C	DB3 °C	WB3 °C			in %	out %			
09:44:00	27.7	25.3	25.8	25.3	25.6	26.2	29.4	1.023	82.4	96.0	1.9	0.00	79.17
09:45:00	29.2	25.1	25.2	25.1	20.1	24.8	29.2	1.023	71.7	99.2	4.0	0.00	97.56
09:46:00	29.5	25.3	25.4	25.3	19.8	23.5	29.4	1.023	71.2	99.2	4.1	0.00	97.62
09:47:00	29.5	25.3	25.5	24.6	19.8	22.6	29.3	1.023	71.2	92.9	4.0	2.63	95.24
09:48:00	29.3	25.1	25.4	24.2	19.9	22.0	29.3	1.023	71.1	90.5	3.9	3.47	92.86
09:49:00	29.1	24.9	25.5	23.9	19.8	21.6	29.1	1.023	71.0	87.5	3.6	3.89	85.71
09:50:00	29.1	24.8	25.4	23.6	19.9	21.2	29.1	1.023	70.3	86.0	3.7	4.69	86.05
09:51:00	29.3	24.7	25.4	23.5	19.8	21.0	29.1	1.023	68.6	85.2	3.9	4.65	84.78
09:52:00	29.5	24.6	25.5	23.4	19.9	20.8	29.3	1.023	66.8	83.8	4.0	4.62	81.63
09:53:00	29.1	24.6	25.5	23.3	19.8	20.8	29.4	1.023	69.1	83.0	3.6	5.07	80.00
09:54:00	29.5	24.5	25.5	23.3	19.8	20.6	29.2	1.023	66.2	83.0	4.0	4.60	80.00
09:55:00	29.8	24.6	25.9	23.3	19.8	20.5	29.5	1.023	65.2	80.3	3.9	5.04	75.00

09:56:00	29.8	24.6	25.8	23.2	19.9	20.5	29.4	1.023	65.2	80.2	4.0	5.44	76.92
09:57:00	29.8	24.6	25.9	23.2	19.9	20.4	29.5	1.023	65.2	79.5	3.9	5.45	75.00
09:58:00	29.5	24.6	25.6	23.2	19.8	20.4	29.3	1.023	66.8	81.6	3.9	5.45	79.59
09:59:00	29.7	24.7	25.8	23.2	19.9	20.4	29.4	1.023	66.4	80.2	3.9	5.88	78.00
10:00:00	30.0	24.7	26.1	23.2	19.9	20.4	29.6	1.023	64.7	78.2	3.9	5.87	73.58
10:01:00	29.8	24.8	25.8	23.2	19.9	20.4	29.5	1.023	66.4	80.2	4.0	6.30	80.00
10:02:00	29.8	24.7	25.9	23.2	19.9	20.3	29.6	1.023	65.8	79.5	3.9	5.88	76.47
10:03:00	30.1	24.7	26.0	23.3	19.9	20.3	29.7	1.023	64.2	79.6	4.1	5.45	75.93
10:04:00	29.4	24.7	25.7	23.3	19.8	20.3	29.5	1.023	68.0	81.6	3.7	5.49	78.72
10:05:00	29.6	24.5	25.8	23.2	19.8	20.3	29.5	1.023	65.7	80.2	3.8	5.03	74.51
10:06:00	30.0	24.6	26.0	23.2	19.9	20.3	29.8	1.023	64.1	78.9	4.0	5.43	74.07
10:07:00	29.9	24.5	25.9	23.3	19.9	20.2	29.8	1.023	64.1	80.3	4.0	4.60	74.07
10:08:00	29.8	24.6	26.0	23.2	19.9	20.2	29.8	1.023	65.2	78.9	3.8	5.46	73.08
10:09:00	30.1	24.6	26.2	22.9	19.9	20.2	29.8	1.023	63.6	75.4	3.9	6.65	70.91
10:10:00	29.8	24.6	26.2	22.8	19.8	20.2	29.7	1.023	65.2	74.7	3.6	7.08	69.23
10:11:00	30.3	24.6	26.2	22.7	19.8	20.2	29.6	1.023	62.6	74.0	4.1	7.43	71.93
10:12:00	30.1	24.6	26.0	22.6	19.8	20.2	29.8	1.023	63.6	74.6	4.1	7.83	74.55
10:13:00	29.9	24.7	26.2	22.6	19.8	20.2	29.9	1.023	65.3	73.3	3.7	8.30	71.15

10:14:00	30.1	24.6	26.2	22.5	19.8	20.1	29.9	1.023	63.6	72.7	3.9	8.24	70.91
10:15:00	30.4	24.5	26.2	22.5	19.8	20.1	30.0	1.023	61.5	72.7	4.2	7.78	71.19
10:16:00	30.1	24.5	26.2	22.5	19.7	20.1	30.0	1.023	63.0	72.7	3.9	7.81	69.64
10:17:00	30.5	24.5	26.3	22.5	19.7	20.1	30.0	1.023	61.0	72.0	4.2	7.78	70.00
10:18:00	31.0	24.5	26.5	22.5	19.6	20.1	30.1	1.023	58.5	70.8	4.5	7.75	69.23
10:19:00	30.4	24.5	26.2	22.5	19.7	20.1	30.0	1.023	61.5	72.7	4.2	7.78	71.19
10:20:00	30.4	24.6	26.2	22.5	19.7	20.1	30.1	1.023	62.0	72.7	4.2	8.21	72.41
10:21:00	30.4	24.6	26.2	22.4	19.7	20.1	30.1	1.023	62.0	72.0	4.2	8.60	72.41
10:22:00	30.4	24.6	26.2	22.4	19.6	20.0	30.2	1.023	62.0	72.0	4.2	8.60	72.41
10:23:00	30.6	24.6	26.4	22.4	19.6	20.0	30.1	1.023	61.0	70.7	4.2	8.60	70.00
10:24:00	30.1	24.6	25.9	22.4	19.6	20.0	30.0	1.023	63.6	73.9	4.2	8.60	76.36
10:25:00	30.1	24.6	26.0	22.3	19.5	20.0	29.8	1.023	63.6	72.5	4.1	9.00	74.55
10:26:00	30.1	24.5	25.8	22.2	19.5	19.9	29.8	1.023	63.0	73.1	4.3	8.95	76.79
10:27:00	30.3	24.5	26.1	22.2	19.5	19.9	30.1	1.023	62.0	71.2	4.2	8.95	72.41
10:28:00	30.5	24.4	26.3	22.2	19.4	19.8	30.2	1.023	60.4	70.0	4.2	8.53	68.85
10:29:00	30.4	24.4	26.2	22.2	19.3	19.8	30.4	1.023	60.9	70.6	4.2	8.53	70.00
10:30:00	30.3	24.3	25.6	22.2	19.3	19.8	30.3	1.023	60.8	74.4	4.7	8.05	78.33
10:31:00	30.8	24.2	25.8	22.1	19.2	19.7	30.2	1.023	57.8	72.4	5.0	7.99	75.76

10:32:00	30.4	24.2	25.7	22.1	19.2	19.7	30.3	1.023	59.7	73.1	4.7	8.02	75.81
10:33:00	30.4	24.2	25.5	22.1	19.2	19.7	30.2	1.023	59.7	74.4	4.9	8.00	79.03
10:34:00	30.5	24.1	25.7	21.9	19.2	19.6	30.0	1.023	58.7	71.7	4.8	8.36	75.00
10:35:00	30.4	24.0	25.6	21.9	19.2	19.5	30.4	1.023	58.6	72.3	4.8	7.94	75.00
10:36:00	30.4	24.0	25.8	22.0	19.1	19.5	30.2	1.023	58.6	71.7	4.6	7.57	71.88
10:37:00	30.4	24.0	25.8	21.8	19.1	19.5	30.4	1.023	58.6	70.4	4.6	8.34	71.88
10:38:00	31.0	24.1	25.8	21.8	19.0	19.5	30.2	1.023	56.2	70.4	5.2	8.70	75.36
10:39:00	31.1	24.1	26.2	21.8	19.0	19.5	30.4	1.023	55.8	67.9	4.9	8.73	70.00
10:40:00	30.7	24.0	25.6	21.8	19.0	19.5	30.4	1.023	57.1	71.6	5.1	8.29	76.12
10:41:00	30.7	24.0	25.9	21.8	18.9	19.5	30.6	1.023	57.1	69.7	4.8	8.32	71.64
10:42:00	30.7	23.9	26.0	21.8	18.9	19.4	30.6	1.023	56.6	69.1	4.7	7.91	69.12
10:43:00	30.9	23.9	26.0	21.7	18.9	19.4	30.6	1.023	55.6	68.4	4.9	8.27	70.00
เฉลี่ย	30.0	24.5	25.9	22.8	19.7	20.4	29.8	1.023	63.6	77.1	4.2	6.6	76.1



ตาราง ก. 2 ตารางการทดลองชุดทดลองระบบทำความเย็นแบบระเหยชนิดโดยตรงและโดยอ้อม แบบใช้ Coil อย่างเดียว โดยใช้เวลาทำการทดลอง 1 ชั่วโมง
เริ่มตั้งแต่ 10:53 น. ถึง 11:52 น. และบันทึกผลทุก ๆ 1 นาที

Time (min)	T ₁		T ₂		T ₃		อุณหภูมิ ปกติ	m' (kg/s)	RH		ΔT T ₁ -T ₂ °C	Q (kw)	η %
	DB1 °C	WB1 °C	DB2 °C	WB2 °C	DB3 °C	WB3 °C			in %	out %			
10:53:00	30.7	24.3	27.5	22.6	19.3	21.1	30.7	1.023	58.8	65.5	3.2	6.63	50.00
10:54:00	30.7	24.2	27.3	22.2	19.0	20.6	30.6	1.023	58.2	64.1	3.4	7.75	52.31
10:55:00	31.0	24.2	27.5	21.8	18.8	20.2	30.7	1.023	56.8	60.5	3.5	9.28	51.47
10:56:00	31.2	24.0	27.1	21.6	18.7	19.9	30.8	1.023	54.8	61.4	4.1	9.14	56.94
10:57:00	31.1	24.0	27.3	21.5	18.7	19.8	30.8	1.023	55.2	59.7	3.8	9.55	53.52
10:58:00	30.9	23.9	27.1	21.4	18.7	19.5	30.7	1.023	55.6	60.2	3.8	9.51	54.29
10:59:00	30.8	23.8	27.3	21.3	18.7	19.4	30.4	1.023	55.5	58.5	3.5	9.50	50.00
11:00:00	31.0	23.8	27.3	21.2	18.6	19.3	30.7	1.023	54.6	57.9	3.7	9.85	51.39
11:01:00	30.8	23.7	27.2	21.1	18.6	19.2	30.5	1.023	55.0	57.8	3.6	9.82	50.70
11:02:00	30.7	23.5	27.2	21.1	18.6	19.0	30.7	1.023	54.4	57.8	3.5	9.01	48.61
11:03:00	30.6	23.5	27.1	20.9	18.4	18.9	30.2	1.023	54.8	57.1	3.5	9.74	49.30
11:04:00	30.3	23.4	27.1	20.8	18.3	18.7	30.5	1.023	55.5	56.8	3.2	9.47	46.63

11:05:00	30.1	23.3	27.0	20.7	18.2	18.6	30.1	1.023	55.9	56.5	3.1	9.45	45.12
11:06:00	30.3	23.2	27.0	20.6	18.1	18.4	30.7	1.023	54.4	56.1	3.3	9.38	46.73
11:07:00	31.0	23.6	27.2	21.0	18.5	18.9	30.9	1.023	53.5	57.2	3.8	9.75	51.35
11:08:00	30.8	23.6	27.2	20.9	18.5	18.9	30.8	1.023	54.4	56.5	3.6	10.14	50.00
11:09:00	31.1	23.5	27.3	20.9	18.4	18.8	31.0	1.023	52.5	56.0	3.8	9.71	50.00
11:10:00	30.7	23.5	27.4	20.9	18.5	18.8	30.8	1.023	54.4	55.5	3.3	9.76	45.83
11:11:00	31.2	23.6	27.5	20.9	18.4	18.8	30.7	1.023	52.6	55.0	3.7	10.13	48.68
11:12:00	30.8	23.6	27.1	20.9	18.5	18.8	30.7	1.023	54.4	57.1	3.7	10.13	51.39
11:13:00	30.9	23.6	27.3	20.9	18.4	18.8	30.8	1.023	54.0	56.0	3.6	10.14	49.32
11:14:00	30.9	23.6	27.5	20.9	18.5	18.7	31.0	1.023	54.0	55.0	3.4	10.16	46.58
11:15:00	31.2	23.7	27.3	20.9	18.4	18.8	30.9	1.023	53.1	56.0	3.9	10.52	52.00
11:16:00	31.0	23.7	27.1	20.9	18.4	18.8	30.7	1.023	54.1	57.1	3.9	10.53	53.42
11:17:00	30.9	23.6	27.5	20.9	18.5	18.7	30.9	1.023	54.0	55.0	3.4	10.16	46.58
11:18:00	31.3	23.8	27.5	20.9	18.4	18.8	30.7	1.023	53.2	55.0	3.8	10.94	50.67
11:19:00	31.0	23.7	27.2	20.9	18.4	18.8	31.0	1.023	54.1	56.5	3.8	10.53	52.05
11:20:00	31.5	23.6	27.2	20.9	18.4	18.7	30.9	1.023	51.3	56.5	4.3	10.07	54.43
11:21:00	30.7	23.6	27.2	21.0	18.4	18.7	30.7	1.023	54.9	57.2	3.5	9.78	49.30
11:22:00	30.7	23.6	27.1	20.9	18.4	18.7	30.7	1.023	54.9	57.1	3.6	10.14	50.70

11:23:00	31.1	23.5	27.2	20.9	18.4	18.6	30.9	1.023	52.5	56.5	3.9	9.70	51.32
11:24:00	31.1	23.6	27.0	20.9	18.4	18.7	31.0	1.023	53.1	57.6	4.1	10.09	54.67
11:25:00	31.5	23.7	27.2	20.9	18.4	18.7	31.2	1.023	51.8	56.5	4.3	10.48	55.13
11:26:00	31.3	23.8	27.2	21.0	18.4	18.7	31.0	1.023	53.2	57.2	4.1	10.55	54.67
11:27:00	31.0	23.8	27.1	21.0	18.4	18.7	31.0	1.023	54.6	57.7	3.9	10.57	54.17
11:28:00	31.0	23.7	27.2	21.0	18.4	18.7	31.0	1.023	54.1	57.2	3.8	10.17	52.05
11:29:00	31.2	23.7	27.3	21.0	18.4	18.7	31.0	1.023	53.1	56.6	3.9	10.15	52.00
11:30:00	31.2	23.8	27.5	20.9	18.4	18.7	31.0	1.023	53.7	55.0	3.7	10.95	50.00
11:31:00	31.5	23.8	27.1	21.0	18.4	18.7	31.1	1.023	52.3	57.7	4.4	10.52	57.14
11:32:00	31.5	23.9	27.3	21.1	18.4	18.8	31.2	1.023	52.9	57.2	4.2	10.58	55.26
11:33:00	31.4	23.9	27.5	21.1	18.4	18.9	31.3	1.023	53.3	56.2	3.9	10.61	52.00
11:34:00	31.6	23.9	27.7	21.1	18.5	18.9	31.2	1.023	52.4	55.2	3.9	10.61	50.65
11:35:00	31.3	23.9	27.6	21.2	18.5	18.9	31.3	1.023	53.8	56.3	3.7	10.26	50.00
11:36:00	31.3	24.1	27.4	21.1	18.5	18.9	31.1	1.023	54.8	56.7	3.9	11.45	54.17
11:37:00	31.4	24.1	27.8	21.1	18.5	18.9	31.2	1.023	54.4	54.7	3.6	11.47	49.32
11:38:00	31.7	24.8	27.7	21.5	18.5	18.9	31.3	1.023	56.8	57.6	4.0	12.92	57.97
11:39:00	31.4	24.9	27.8	21.8	18.6	18.9	31.3	1.023	58.8	58.9	3.6	12.26	55.38
11:40:00	31.3	24.5	27.5	21.5	18.4	18.8	31.2	1.023	57.0	58.6	3.8	11.66	55.88

11:41:00	31.9	24.2	27.7	21.4	18.4	18.8	31.4	1.023	52.7	57.0	4.2	10.72	54.55
11:42:00	31.2	24.1	27.5	21.2	18.4	18.7	31.2	1.023	55.3	56.8	3.7	11.10	52.11
11:43:00	31.5	24.0	27.8	21.2	18.4	18.8	31.4	1.023	53.4	55.3	3.7	10.67	49.33
11:44:00	31.5	23.8	27.3	21.1	18.4	18.8	31.3	1.023	52.3	57.2	4.2	10.17	54.55
11:45:00	31.3	23.7	27.2	21.1	18.4	18.7	31.3	1.023	52.7	57.8	4.1	9.77	53.95
11:46:00	31.3	23.6	27.4	21.1	18.4	18.7	31.3	1.023	52.2	56.7	3.9	9.37	50.65
11:47:00	31.5	23.6	27.9	21.1	18.4	18.8	31.3	1.023	51.3	54.2	3.6	9.40	45.57
11:48:00	31.3	23.5	27.6	21.1	18.4	18.7	31.4	1.023	51.6	55.7	3.7	8.98	47.44
11:49:00	31.7	23.6	27.8	21.0	18.4	18.8	31.4	1.023	50.4	54.1	3.9	9.74	48.15
11:50:00	31.8	23.5	27.5	21.0	18.4	18.7	31.5	1.023	49.4	55.6	4.3	9.29	51.81
11:51:00	31.6	23.5	27.8	21.1	18.4	18.7	31.5	1.023	50.3	54.7	3.8	8.97	46.91
11:52:00	31.6	23.6	27.9	21.0	18.4	18.8	31.4	1.023	50.8	53.6	3.7	9.76	46.25
รวม	31.1	23.8	27.4	21.1	18.5	18.9	31.0	1.0	53.9	57.0	3.8	10.06	51.21

ตาราง ก. 3 ตารางการทดลองชุดทดลองระบบทำความเย็นแบบระเหยชนิดโดยตรงและโดยอ้อม แบบใช้ Pad อย่างเดียว โดยใช้เวลาทำการทดลอง 1 ชั่วโมง
เริ่มตั้งแต่ 12:14 น. ถึง 13:13 น. และบันทึกผลทุก ๆ 1 นาที

Time	T ₁		T ₂		T ₃		อุณหภูมิ ปกติ	m ³	RH		ΔT	Q	η
	DB1	WB1	DB2	WB2	DB3	WB3			in	out			
(min)	°C	°C	°C	°C	°C	°C	°C	(kg/s)	%	%	°C	(kw)	%
12:14:00	31.0	23.5	27.2	23.3	21.5	21.3	31.6	1.023	52.97	71.87	3.8	0.43	50.67
12:15:00	31.7	23.4	28.3	22.7	21.6	21.3	31.4	1.023	49.36	61.72	3.4	2.47	40.96
12:16:00	31.1	23.3	28.4	22.6	22.2	21.7	31.4	1.023	51.45	60.58	2.7	2.53	34.62
12:17:00	31.1	23.2	28.1	22.7	22.5	21.9	31.4	1.023	50.92	62.8	3.0	1.70	37.97
12:18:00	31.6	23.2	28.6	22.8	22.5	22.2	31.2	1.023	48.75	60.73	3.0	1.31	35.71
12:19:00	31.4	23.2	28.6	22.8	22.5	22.2	31.1	1.023	49.61	60.73	2.8	1.33	34.15
12:20:00	31.4	23.1	28.4	22.9	22.6	22.3	31.2	1.023	49.09	62.41	3.0	0.51	36.14
12:21:00	31.0	23.2	28.4	22.9	22.8	22.4	31.1	1.023	51.36	62.41	2.6	0.95	33.33
12:22:00	31.7	23.2	28.7	22.9	22.8	22.5	31.4	1.023	48.33	60.81	3.0	0.91	35.29
12:23:00	31.9	23.2	28.9	22.9	22.9	22.5	31.6	1.023	47.49	59.76	3.0	0.91	34.48
12:24:00	31.7	23.2	28.8	23.0	23.0	22.5	31.7	1.023	48.33	60.88	2.9	0.52	34.12
12:25:00	31.3	23.3	28.6	23.0	23.2	22.7	31.5	1.023	50.57	61.94	2.7	0.94	33.75

12:26:00	31.2	23.3	28.5	23.0	23.2	22.7	31.4	1.023	51.01	62.48	2.7	0.94	34.18
12:27:00	31.8	23.5	29.1	23.1	23.4	22.8	31.7	1.023	49.45	59.92	2.7	1.35	32.53
12:28:00	31.5	23.5	28.6	23.2	23.5	22.8	31.5	1.023	50.74	63.17	2.9	0.93	36.25
12:29:00	31.4	23.4	28.7	23.1	23.6	22.8	31.3	1.023	50.65	62.02	2.7	0.95	33.75
12:30:00	31.5	23.4	28.9	23.1	23.7	22.8	31.2	1.023	50.22	60.96	2.6	0.96	32.10
12:31:00	30.9	23.4	28.6	23.1	23.9	22.8	30.8	1.023	52.88	62.55	2.3	0.99	30.67
12:32:00	31.2	23.2	28.2	23.0	23.9	22.8	31.3	1.023	50.48	64.12	3.0	0.51	37.50
12:33:00	31.4	23.2	28.7	23.0	24.1	22.7	31.4	1.023	49.61	61.41	2.7	0.54	32.93
12:34:00	31.2	23.2	28.7	22.9	24.2	22.7	31.1	1.023	50.48	60.81	2.5	0.96	31.25
12:35:00	31.2	23.3	28.9	22.9	24.5	22.8	31.4	1.023	51.01	59.76	2.3	1.38	29.11
12:36:00	31.2	23.2	28.7	22.9	24.7	22.7	31.3	1.023	50.48	60.81	2.5	0.96	31.25
12:37:00	31.0	23.2	28.7	22.9	24.8	22.8	31.0	1.023	51.36	60.81	2.3	0.98	29.49
12:38:00	31.4	23.3	29.0	22.9	25.0	22.8	31.4	1.023	50.13	59.25	2.4	1.37	29.63
12:39:00	31.4	23.3	29.1	22.9	25.2	22.9	31.0	1.023	50.13	58.74	2.3	1.38	28.40
12:40:00	31.2	23.3	29.1	22.9	25.5	22.9	30.8	1.023	51.01	58.74	2.1	1.40	26.58
12:41:00	31.8	23.2	29.3	22.9	25.8	22.8	31.2	1.023	47.91	57.72	2.5	0.96	29.07
12:42:00	31.7	23.2	29.3	22.9	26.2	22.9	31.2	1.023	48.33	57.72	2.4	0.97	28.24
12:43:00	31.4	23.2	29.5	22.9	26.5	22.9	31.4	1.023	49.61	56.73	1.9	1.02	23.17

12:44:00	30.7	23.2	29.5	23.0	26.5	22.9	31.6	1.023	52.71	57.31	1.2	0.69	16.00
12:45:00	29.5	23.2	29.2	23.1	26.3	22.8	31.6	1.023	58.47	59.4	0.3	0.37	4.76
12:46:00	29.9	23.2	29.5	23.1	26.1	22.8	31.6	1.023	56.48	57.88	0.4	0.36	5.97
12:47:00	29.8	23.2	28.8	23.1	25.9	22.7	31.6	1.023	56.97	61.49	1.0	0.30	15.15
12:48:00	30.2	23.3	28.8	23.1	25.8	22.7	31.6	1.023	55.6	61.49	1.4	0.67	20.29
12:49:00	30.1	23.3	28.8	23.1	25.8	22.7	31.7	1.023	56.08	61.49	1.3	0.68	19.12
12:50:00	31.7	23.4	27.2	23.2	21.1	21.8	31.7	1.023	49.36	71.2	4.5	0.36	54.22
12:51:00	31.3	23.4	28.3	22.7	24.5	21.8	31.9	1.023	51.09	61.72	3.0	2.51	37.97
12:52:00	31.4	23.3	28.6	22.5	26.3	22.0	31.8	1.023	50.13	58.93	2.8	2.92	34.57
12:53:00	31.7	23.3	29.1	22.7	27.3	22.3	31.7	1.023	48.84	57.56	2.6	2.15	30.95
12:54:00	31.6	23.4	29.5	22.8	28.0	22.6	31.7	1.023	49.79	56.16	2.1	2.20	25.61
12:55:00	31.7	23.4	29.5	22.9	28.5	22.8	31.7	1.023	49.36	56.73	2.2	1.80	26.51
12:56:00	31.7	23.5	29.7	23.1	29.0	22.9	31.8	1.023	49.88	56.89	2.0	1.42	24.39
12:57:00	31.3	23.5	29.4	23.1	29.1	23.0	31.7	1.023	51.62	58.39	1.9	1.43	24.36
12:58:00	31.4	23.4	29.7	23.1	29.3	23.0	31.3	1.023	50.65	56.89	1.7	1.04	21.25
12:59:00	31.6	23.4	29.6	23.1	29.4	23.1	31.4	1.023	49.79	57.39	2.0	1.01	24.39
13:00:00	31.7	23.4	30.0	23.2	29.6	23.2	31.6	1.023	49.36	56	1.7	0.64	20.48
13:01:00	32.0	23.4	30.1	23.2	29.9	23.2	31.7	1.023	48.09	55.52	1.9	0.62	22.09

13:02:00	31.7	23.5	30.1	23.2	30.2	23.2	31.7	1.023	49.88	55.52	1.6	1.06	19.51
13:03:00	31.7	23.5	30.0	23.2	30.2	23.3	31.4	1.023	49.88	56	1.7	1.05	20.73
13:04:00	31.8	23.5	30.1	23.2	30.4	23.4	31.4	1.023	49.45	55.52	1.7	1.05	20.48
13:05:00	31.6	23.4	30.2	23.2	30.5	23.3	31.7	1.023	49.79	55.04	1.4	0.67	17.07
13:06:00	31.3	23.3	30.0	23.2	30.6	23.3	31.7	1.023	50.57	56	1.3	0.28	16.25
13:07:00	31.4	23.4	30.0	23.3	30.7	23.3	31.7	1.023	50.65	56.57	1.4	0.27	17.50
13:08:00	31.7	23.4	30.3	23.3	30.9	23.4	31.8	1.023	49.36	55.12	1.4	0.27	16.87
13:09:00	31.9	23.4	30.4	23.3	31.1	23.4	31.8	1.023	48.51	54.65	1.5	0.26	17.65
13:10:00	31.7	23.5	30.3	23.3	31.1	23.5	31.7	1.023	49.88	55.12	1.4	0.67	17.07
13:11:00	31.4	23.5	30.1	23.4	31.1	23.5	31.7	1.023	51.18	56.65	1.3	0.28	16.46
13:12:00	31.7	23.5	30.3	23.4	31.1	23.6	31.6	1.023	49.88	55.68	1.4	0.27	17.07
13:13:00	31.4	23.5	30.3	23.5	31.1	23.6	31.7	1.023	51.18	56.24	1.1	0.11	13.92
เฉลี่ย	31.3	23.3	29.1	23.0	26.2	22.8	31.5	1.0	50.6	59.4	2.2	1.0	27.3

ภาคผนวก ข
สภาพอากาศประเทศไทย

ตาราง ข. 1 ตารางผลการคำนวณหาอุณหภูมิอากาศออกจากชุดทดลองระบบทำความเย็นแบบระเหยชนิดโดยตรงและโดยอ้อม แบบใช้ Coil และ Pad ร่วมกัน,แบบ Coil อย่างเดียว และแบบ Pad อย่างเดียว กับ ข้อมูลสภาพอากาศประเทศไทย กรมอุตุนิยมวิทยา สถานีสนามบินดอนเมือง กรุงเทพมหานคร ปี 2552 ทุกวันโดยเฉลี่ย 6.00-18.00 น.

ที่	วันที่	Tin(°C)		Tout (°C)		
		DW	WB	coil+pad	coil	pad
1	1/1/2009	26.3	20.0	21.5	23.0	24.5
2	2/1/2009	25.6	19.4	20.9	22.4	23.9
3	3/1/2009	25.1	18.8	20.3	21.9	23.4
4	4/1/2009	26.5	20.0	21.5	23.1	24.7
5	5/1/2009	27.6	20.7	22.3	24.0	25.7
6	6/1/2009	27.8	19.9	21.8	23.7	25.6
7	7/1/2009	27.5	19.9	21.7	23.6	25.5
8	8/1/2009	27.3	20.4	22.0	23.7	25.4
9	9/1/2009	24.9	18.6	20.1	21.7	23.2
10	10/1/2009	21.8	15.4	17.0	18.6	20.1
11	11/1/2009	21.5	14.5	16.2	17.9	19.6
12	12/1/2009	22.5	14.8	16.7	18.6	20.4
13	13/1/2009	22.8	16.2	17.8	19.4	21.0
14	14/1/2009	22.1	16.0	17.4	19.0	20.5
15	15/1/2009	22.0	16.3	17.7	19.1	20.4
16	16/1/2009	22.6	16.5	18.0	19.5	20.9
17	17/1/2009	24.2	17.2	18.8	20.6	22.3
18	18/1/2009	25.5	18.3	20.0	21.8	23.5
19	19/1/2009	26.1	19.0	20.7	22.5	24.2
20	20/1/2009	27.5	20.1	21.8	23.7	25.4
21	21/1/2009	27.7	20.5	22.2	24.0	25.7
22	22/1/2009	27.2	21.1	22.5	24.0	25.5
23	23/1/2009	27.8	21.5	23.0	24.6	26.1
24	24/1/2009	27.7	22.3	23.6	25.0	26.3
25	25/1/2009	27.5	20.9	22.5	24.1	25.7
26	26/1/2009	29.1	22.3	23.9	25.6	27.3
27	27/1/2009	28.7	24.1	25.2	26.3	27.4
28	28/1/2009	28.9	23.9	25.1	26.4	27.5
29	29/1/2009	28.9	23.9	25.1	26.4	27.6
30	30/1/2009	28.9	23.7	25.0	26.2	27.5
31	31/1/2009	28.9	23.7	24.9	26.2	27.5
32	1/2/2009	28.5	23.8	24.9	26.1	27.2
33	2/2/2009	29.1	23.4	24.8	26.2	27.5
34	3/2/2009	29.5	23.2	24.7	26.3	27.8

35	4/2/2009	28.7	23.4	24.7	26.0	27.3
36	5/2/2009	28.5	23.5	24.7	25.9	27.1
37	6/2/2009	28.6	22.9	24.2	25.7	27.0
38	7/2/2009	28.4	20.7	22.6	24.5	26.3
39	8/2/2009	29.4	21.7	23.5	25.5	27.3
40	9/2/2009	30.0	21.4	23.5	25.6	27.6
41	10/2/2009	29.5	20.6	22.7	25.0	27.1
42	11/2/2009	29.9	21.3	23.3	25.5	27.5
43	12/2/2009	31.0	22.5	24.5	26.6	28.7
44	13/2/2009	31.0	22.3	24.4	26.6	28.6
45	14/2/2009	30.5	19.7	22.2	24.9	27.5
46	15/2/2009	29.6	21.2	23.2	25.3	27.3
47	16/2/2009	30.5	22.4	24.3	26.4	28.3
48	17/2/2009	31.7	23.1	25.2	27.3	29.4
49	18/2/2009	30.8	25.0	26.4	27.8	29.2
50	19/2/2009	31.5	25.4	26.8	28.4	29.8
51	20/2/2009	31.5	25.7	27.1	28.5	29.9
52	21/2/2009	31.4	24.9	26.4	28.1	29.6
53	22/2/2009	31.2	25.0	26.5	28.0	29.5
54	23/2/2009	31.7	24.8	26.4	28.1	29.8
55	24/2/2009	31.4	25.0	26.5	28.1	29.7
56	25/2/2009	31.7	25.4	26.9	28.5	30.0
57	26/2/2009	31.6	25.5	27.0	28.5	30.0
58	27/2/2009	31.7	25.4	26.9	28.5	30.0
59	28/2/2009	31.6	25.8	27.2	28.6	30.0
60	1/3/2009	28.3	24.4	25.3	26.3	27.2
61	2/3/2009	30.4	24.2	25.7	27.2	28.7
62	3/3/2009	31.1	25.0	26.5	28.0	29.4
63	4/3/2009	31.9	24.5	26.3	28.1	29.9
64	5/3/2009	31.4	25.6	27.0	28.4	29.8
65	6/3/2009	31.3	25.6	27.0	28.4	29.8
66	7/3/2009	31.8	25.8	27.2	28.7	30.2
67	8/3/2009	32.6	25.2	27.0	28.8	30.6
68	9/3/2009	32.4	25.6	27.2	28.9	30.6
69	10/3/2009	31.8	25.6	27.1	28.6	30.1
70	11/3/2009	31.9	25.1	26.7	28.4	30.0
71	12/3/2009	32.0	25.4	27.0	28.6	30.2
72	13/3/2009	30.6	25.1	26.5	27.8	29.1
73	14/3/2009	27.7	22.6	23.8	25.1	26.3
74	15/3/2009	27.7	21.2	22.7	24.4	25.9
75	16/3/2009	30.5	22.2	24.2	26.3	28.3
76	17/3/2009	31.4	24.6	26.2	27.9	29.5
77	18/3/2009	28.5	23.9	25.0	26.2	27.3
78	19/3/2009	29.4	24.4	25.6	26.9	28.0

79	20/3/2009	28.0	24.5	25.4	26.2	27.0
80	21/3/2009	29.0	24.7	25.7	26.8	27.9
81	22/3/2009	30.4	24.5	25.9	27.4	28.8
82	23/3/2009	32.1	24.7	26.5	28.3	30.1
83	24/3/2009	32.2	25.3	26.9	28.7	30.3
84	25/3/2009	31.9	25.6	27.1	28.7	30.2
85	26/3/2009	31.5	25.1	26.6	28.2	29.8
86	27/3/2009	31.6	23.9	25.8	27.7	29.5
87	28/3/2009	31.6	24.4	26.1	27.9	29.6
88	29/3/2009	32.2	24.4	26.3	28.2	30.1
89	30/3/2009	30.0	24.5	25.8	27.2	28.5
90	31/3/2009	29.5	24.1	25.4	26.8	28.1
91	1/4/2009	29.3	23.3	24.7	26.2	27.7
92	2/4/2009	31.8	24.5	26.2	28.1	29.8
93	3/4/2009	31.9	25.0	26.7	28.4	30.0
94	4/4/2009	30.0	24.9	26.1	27.3	28.6
95	5/4/2009	30.1	24.7	26.0	27.3	28.6
96	6/4/2009	27.1	24.6	25.2	25.8	26.4
97	7/4/2009	30.8	25.3	26.6	28.0	29.3
98	8/4/2009	31.2	25.5	26.9	28.3	29.6
99	9/4/2009	31.2	25.4	26.8	28.3	29.6
100	10/4/2009	29.5	25.3	26.3	27.3	28.3
101	11/4/2009	27.5	25.0	25.6	26.2	26.8
102	12/4/2009	30.2	25.3	26.5	27.7	28.9
103	13/4/2009	31.6	26.0	27.3	28.7	30.1
104	14/4/2009	32.3	25.7	27.3	28.9	30.5
105	15/4/2009	30.7	25.9	27.1	28.3	29.4
106	16/4/2009	33.2	25.3	27.2	29.2	31.1
107	17/4/2009	33.5	25.5	27.4	29.4	31.3
108	18/4/2009	33.4	25.4	27.4	29.3	31.3
109	19/4/2009	32.7	25.0	26.8	28.7	30.6
110	20/4/2009	33.1	24.7	26.7	28.8	30.8
111	21/4/2009	32.8	24.5	26.5	28.5	30.5
112	22/4/2009	33.2	24.1	26.3	28.5	30.7
113	23/4/2009	33.4	24.6	26.7	28.9	31.0
114	24/4/2009	33.8	24.8	27.0	29.2	31.4
115	25/4/2009	33.1	24.9	26.8	28.9	30.9
116	26/4/2009	28.1	24.9	25.7	26.5	27.3
117	27/4/2009	29.0	25.0	25.9	27.0	27.9
118	28/4/2009	29.4	25.2	26.2	27.3	28.3
119	29/4/2009	30.2	25.3	26.5	27.7	28.9
120	30/4/2009	31.0	25.2	26.6	28.0	29.4
121	1/5/2009	30.3	26.0	27.0	28.1	29.1
122	2/5/2009	30.8	25.4	26.7	28.0	29.3

123	3/5/2009	31.5	23.7	25.6	27.5	29.4
124	4/5/2009	30.6	23.0	24.8	26.7	28.5
125	5/5/2009	31.5	23.5	25.4	27.4	29.3
126	6/5/2009	33.0	24.8	26.8	28.8	30.7
127	7/5/2009	32.9	25.7	27.5	29.2	30.9
128	8/5/2009	33.9	25.7	27.7	29.7	31.7
129	9/5/2009	33.5	25.2	27.2	29.3	31.3
130	10/5/2009	30.1	25.0	26.2	27.5	28.7
131	11/5/2009	27.6	24.8	25.5	26.2	26.9
132	12/5/2009	27.9	25.0	25.7	26.4	27.1
133	13/5/2009	28.2	25.0	25.8	26.6	27.3
134	14/5/2009	26.7	24.5	25.1	25.6	26.1
135	15/5/2009	26.2	25.0	25.3	25.6	25.8
136	16/5/2009	29.5	26.1	26.9	27.7	28.6
137	17/5/2009	30.0	25.7	26.7	27.8	28.8
138	18/5/2009	28.3	25.5	26.2	26.9	27.5
139	19/5/2009	30.6	26.3	27.3	28.4	29.4
140	20/5/2009	28.8	25.8	26.5	27.3	28.0
141	21/5/2009	30.7	25.1	26.4	27.8	29.2
142	22/5/2009	30.4	25.4	26.6	27.8	29.0
143	23/5/2009	30.7	24.9	26.3	27.7	29.1
144	24/5/2009	31.9	25.6	27.1	28.7	30.2
145	25/5/2009	31.6	25.8	27.2	28.6	30.0
146	26/5/2009	30.1	25.9	26.9	27.9	28.9
147	27/5/2009	29.7	25.9	26.8	27.8	28.7
148	28/5/2009	27.5	25.3	25.8	26.4	26.9
149	29/5/2009	30.5	25.6	26.7	28.0	29.2
150	30/5/2009	29.4	25.6	26.5	27.5	28.4
151	31/5/2009	29.1	25.6	26.4	27.3	28.1
152	1/6/2009	30.5	25.9	27.0	28.1	29.2
153	2/6/2009	29.5	24.9	26.0	27.2	28.3
154	3/6/2009	30.1	24.4	25.8	27.2	28.5
155	4/6/2009	29.5	24.4	25.6	26.8	28.1
156	5/6/2009	29.6	24.8	26.0	27.2	28.3
157	6/6/2009	30.3	24.8	26.1	27.5	28.8
158	7/6/2009	31.0	25.5	26.8	28.2	29.5
159	8/6/2009	30.4	25.3	26.5	27.8	29.0
160	9/6/2009	30.6	25.4	26.6	27.9	29.2
161	10/6/2009	31.2	25.2	26.6	28.1	29.6
162	11/6/2009	29.9	24.6	25.9	27.2	28.4
163	12/6/2009	30.4	24.5	25.9	27.4	28.8
164	13/6/2009	31.2	24.8	26.3	27.9	29.5
165	14/6/2009	31.0	24.7	26.2	27.8	29.3
166	15/6/2009	30.6	25.1	26.4	27.8	29.1

167	16/6/2009	30.1	25.4	26.5	27.7	28.8
168	17/6/2009	30.6	25.3	26.6	27.9	29.2
169	18/6/2009	30.7	25.5	26.7	28.0	29.3
170	19/6/2009	31.6	25.7	27.1	28.5	29.9
171	20/6/2009	30.6	25.2	26.5	27.8	29.1
172	21/6/2009	31.3	25.2	26.6	28.2	29.6
173	22/6/2009	30.4	25.3	26.5	27.8	29.0
174	23/6/2009	30.9	25.4	26.7	28.1	29.4
175	24/6/2009	31.3	25.3	26.8	28.3	29.7
176	25/6/2009	32.0	25.3	26.9	28.6	30.2
177	26/6/2009	31.6	25.0	26.6	28.2	29.8
178	27/6/2009	30.9	25.2	26.5	28.0	29.3
179	28/6/2009	30.3	25.5	26.7	27.9	29.0
180	29/6/2009	29.0	25.1	26.0	27.0	28.0
181	30/6/2009	27.9	25.4	26.0	26.6	27.2
182	1/7/2009	29.5	25.1	26.1	27.2	28.3
183	2/7/2009	29.4	25.1	26.1	27.2	28.2
184	3/7/2009	30.5	25.1	26.3	27.7	29.0
185	4/7/2009	31.0	25.5	26.8	28.2	29.5
186	5/7/2009	28.5	24.6	25.5	26.5	27.4
187	6/7/2009	27.2	24.4	25.1	25.8	26.4
188	7/7/2009	29.2	24.2	25.4	26.7	27.8
189	8/7/2009	28.5	24.1	25.1	26.2	27.3
190	9/7/2009	30.9	24.2	25.8	27.5	29.1
191	10/7/2009	31.6	24.6	26.3	28.0	29.7
192	11/7/2009	32.1	24.8	26.6	28.4	30.1
193	12/7/2009	31.8	25.0	26.6	28.3	29.9
194	13/7/2009	28.7	24.1	25.2	26.3	27.5
195	14/7/2009	28.6	24.5	25.5	26.5	27.5
196	15/7/2009	30.0	25.0	26.2	27.4	28.6
197	16/7/2009	29.9	24.2	25.6	27.0	28.3
198	17/7/2009	29.5	24.4	25.7	26.9	28.1
199	18/7/2009	30.1	24.0	25.4	27.0	28.5
200	19/7/2009	30.1	24.1	25.6	27.0	28.5
201	20/7/2009	30.9	24.8	26.3	27.8	29.2
202	21/7/2009	28.0	25.0	25.7	26.5	27.2
203	22/7/2009	29.2	25.2	26.1	27.2	28.1
204	23/7/2009	28.7	24.5	25.5	26.5	27.5
205	24/7/2009	29.8	24.9	26.1	27.3	28.5
206	25/7/2009	29.7	24.2	25.5	26.9	28.2
207	26/7/2009	29.7	25.0	26.1	27.3	28.4
208	27/7/2009	30.5	24.9	26.2	27.6	29.0
209	28/7/2009	30.7	24.6	26.1	27.6	29.0
210	29/7/2009	29.8	24.7	26.0	27.2	28.4

211	30/7/2009	30.2	24.4	25.8	27.2	28.6
212	31/7/2009	30.0	24.2	25.5	27.0	28.4
213	1/8/2009	30.3	24.2	25.7	27.2	28.6
214	2/8/2009	30.8	24.6	26.1	27.6	29.1
215	3/8/2009	31.1	24.8	26.3	27.9	29.4
216	4/8/2009	30.8	25.2	26.5	27.9	29.2
217	5/8/2009	32.1	25.0	26.7	28.4	30.1
218	6/8/2009	31.2	24.9	26.4	28.0	29.5
219	7/8/2009	29.7	24.8	25.9	27.1	28.3
220	8/8/2009	30.8	24.9	26.3	27.8	29.2
221	9/8/2009	30.0	24.4	25.7	27.1	28.5
222	10/8/2009	30.6	24.8	26.2	27.6	29.0
223	11/8/2009	32.1	24.8	26.5	28.3	30.1
224	12/8/2009	32.1	24.6	26.4	28.3	30.1
225	13/8/2009	31.5	24.9	26.5	28.1	29.7
226	14/8/2009	29.7	25.1	26.2	27.4	28.5
227	15/8/2009	30.7	25.8	27.0	28.2	29.3
228	16/8/2009	30.2	25.0	26.3	27.6	28.8
229	17/8/2009	29.5	25.1	26.1	27.2	28.3
230	18/8/2009	29.9	25.1	26.3	27.4	28.6
231	19/8/2009	28.5	25.1	25.9	26.7	27.6
232	20/8/2009	31.1	24.6	26.1	27.8	29.3
233	21/8/2009	32.2	25.0	26.7	28.5	30.2
234	22/8/2009	31.5	24.5	26.2	27.9	29.6
235	23/8/2009	30.6	25.3	26.6	27.9	29.2
236	24/8/2009	28.7	25.4	26.2	27.0	27.8
237	25/8/2009	30.6	25.0	26.4	27.7	29.1
238	26/8/2009	32.0	25.4	27.0	28.6	30.2
239	27/8/2009	30.8	25.5	26.8	28.1	29.4
240	28/8/2009	29.8	25.4	26.4	27.6	28.6
241	29/8/2009	29.6	25.6	26.6	27.6	28.5
242	30/8/2009	27.9	25.3	25.9	26.6	27.2
243	31/8/2009	28.6	24.7	25.7	26.6	27.6
244	1/9/2009	28.2	24.9	25.7	26.5	27.3
245	2/9/2009	29.3	24.3	25.5	26.8	28.0
246	3/9/2009	30.3	24.5	25.9	27.3	28.7
247	4/9/2009	30.9	24.6	26.1	27.7	29.2
248	5/9/2009	30.5	24.8	26.2	27.6	28.9
249	6/9/2009	30.0	24.4	25.8	27.1	28.5
250	7/9/2009	30.1	24.3	25.7	27.2	28.6
251	8/9/2009	30.6	24.6	26.0	27.5	29.0
252	9/9/2009	29.7	24.8	26.0	27.2	28.4
253	10/9/2009	31.2	25.0	26.5	28.0	29.5
254	11/9/2009	29.9	25.4	26.5	27.6	28.7

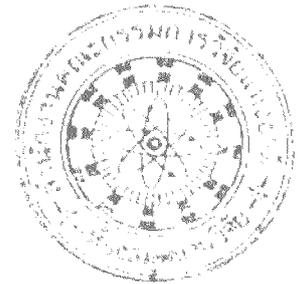
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258	15/9/2009	31.0	25.0	26.5	28.0	29.4
259	16/9/2009	29.1	25.5	26.3	27.2	28.1
260	17/9/2009	28.1	25.7	26.3	26.9	27.4
261	18/9/2009	29.9	26.1	27.0	27.9	28.9
262	19/9/2009	30.0	25.1	26.3	27.5	28.7
263	20/9/2009	31.0	25.3	26.7	28.1	29.5
264	21/9/2009	30.3	25.1	26.3	27.6	28.9
265	22/9/2009	30.5	24.7	26.1	27.5	28.9
266	23/9/2009	29.9	25.1	26.2	27.4	28.6
267	24/9/2009	29.6	25.0	26.1	27.3	28.4
268	25/9/2009	28.4	24.5	25.4	26.4	27.3
269	26/9/2009	29.0	24.6	25.7	26.8	27.8
270	27/9/2009	30.5	24.6	26.0	27.5	28.9
271	28/9/2009	28.4	24.6	25.5	26.4	27.3
272	29/9/2009	30.6	24.5	25.9	27.4	28.9
273	30/9/2009	29.8	24.5	25.8	27.1	28.4
274	1/10/2009	25.0	23.4	23.7	24.1	24.5
275	2/10/2009	28.4	24.7	25.6	26.5	27.4
276	3/10/2009	30.1	25.1	26.3	27.5	28.7
277	4/10/2009	31.2	24.9	26.4	27.9	29.5
278	5/10/2009	28.0	25.5	26.1	26.7	27.3
279	6/10/2009	30.6	25.4	26.6	27.9	29.2
280	7/10/2009	30.3	25.7	26.8	27.9	29.0
281	8/10/2009	30.4	25.3	26.5	27.8	29.0
282	9/10/2009	29.5	25.5	26.5	27.5	28.4
283	10/10/2009	30.2	25.3	26.5	27.7	28.9
284	11/10/2009	29.3	25.0	26.1	27.1	28.1
285	12/10/2009	28.2	24.8	25.6	26.5	27.3
286	13/10/2009	26.9	24.8	25.3	25.8	26.3
287	14/10/2009	29.0	25.2	26.1	27.0	27.9
288	15/10/2009	29.1	25.1	26.1	27.1	28.0
289	16/10/2009	28.9	25.0	25.9	26.9	27.9
290	17/10/2009	29.9	25.4	26.4	27.6	28.6
291	18/10/2009	29.5	25.6	26.6	27.5	28.5
292	19/10/2009	29.7	25.9	26.8	27.8	28.7
293	20/10/2009	29.9	25.2	26.3	27.5	28.6
294	21/10/2009	26.4	24.4	24.9	25.4	25.9
295	22/10/2009	28.9	25.2	26.1	27.0	27.9
296	23/10/2009	27.2	24.5	25.2	25.8	26.4
297	24/10/2009	29.5	25.4	26.3	27.4	28.4
298	25/10/2009	30.8	25.5	26.8	28.1	29.4

299	26/10/2009	31.1	25.7	27.0	28.4	29.6
300	27/10/2009	31.0	24.6	26.1	27.7	29.2
301	28/10/2009	29.8	24.4	25.7	27.1	28.3
302	29/10/2009	29.8	24.1	25.5	26.9	28.2
303	30/10/2009	30.4	24.1	25.6	27.2	28.6
304	31/10/2009	30.2	23.1	24.8	26.6	28.3
305	1/11/2009	29.9	23.0	24.7	26.4	28.0
306	2/11/2009	29.1	21.9	23.6	25.4	27.1
307	3/11/2009	25.2	19.7	21.0	22.4	23.7
308	4/11/2009	26.4	20.9	22.2	23.6	24.9
309	5/11/2009	28.5	22.2	23.7	25.3	26.8
310	6/11/2009	29.5	22.6	24.3	26.0	27.6
311	7/11/2009	30.6	23.8	25.4	27.1	28.7
312	8/11/2009	30.1	25.2	26.4	27.6	28.8
313	9/11/2009	30.4	25.7	26.8	28.0	29.1
314	10/11/2009	30.8	25.0	26.4	27.9	29.3
315	11/11/2009	28.9	25.4	26.3	27.1	28.0
316	12/11/2009	31.3	25.9	27.2	28.5	29.8
317	13/11/2009	31.9	26.1	27.5	28.9	30.3
318	14/11/2009	30.5	25.6	26.8	28.0	29.2
319	15/11/2009	29.4	25.5	26.4	27.4	28.3
320	16/11/2009	29.8	25.5	26.6	27.6	28.6
321	17/11/2009	30.5	25.1	26.4	27.7	29.0
322	18/11/2009	26.8	21.8	23.0	24.2	25.4
323	19/11/2009	27.1	21.3	22.7	24.1	25.5
324	20/11/2009	26.7	20.7	22.1	23.6	25.1
325	21/11/2009	25.5	19.3	20.8	22.3	23.8
326	22/11/2009	22.6	17.2	18.5	19.8	21.1
327	23/11/2009	25.1	18.2	19.8	21.5	23.2
328	24/11/2009	25.9	19.6	21.1	22.7	24.2
329	25/11/2009	27.8	20.0	21.9	23.8	25.7
330	26/11/2009	28.4	20.2	22.2	24.2	26.2
331	27/11/2009	28.8	20.8	22.7	24.7	26.6
332	28/11/2009	29.3	21.2	23.1	25.1	27.1
333	29/11/2009	29.5	21.2	23.2	25.2	27.2
334	30/11/2009	28.5	21.1	22.8	24.7	26.5
335	1/12/2009	28.1	20.6	22.4	24.3	26.0
336	2/12/2009	27.9	20.6	22.3	24.2	25.9
337	3/12/2009	27.5	20.6	22.2	23.9	25.6
338	4/12/2009	26.6	20.2	21.7	23.3	24.9
339	5/12/2009	27.1	19.9	21.6	23.4	25.1
340	6/12/2009	27.3	19.8	21.6	23.5	25.3
341	7/12/2009	27.7	20.7	22.4	24.1	25.8
342	8/12/2009	28.0	21.1	22.7	24.5	26.1

343	9/12/2009	28.3	21.5	23.1	24.8	26.5
344	10/12/2009	28.5	21.0	22.8	24.7	26.5
345	11/12/2009	28.6	21.1	22.9	24.8	26.6
346	12/12/2009	28.7	21.4	23.1	25.0	26.7
347	13/12/2009	29.2	22.2	23.8	25.6	27.3
348	14/12/2009	29.7	22.5	24.2	26.0	27.7
349	15/12/2009	30.1	23.5	25.1	26.7	28.3
350	16/12/2009	30.9	23.0	24.9	26.9	28.7
351	17/12/2009	30.5	23.4	25.1	26.9	28.6
352	18/12/2009	29.4	22.3	24.0	25.8	27.5
353	19/12/2009	28.4	22.4	23.8	25.3	26.8
354	20/12/2009	27.4	21.3	22.8	24.3	25.7
355	21/12/2009	27.1	20.9	22.4	23.9	25.4
356	22/12/2009	27.2	20.6	22.2	23.8	25.4
357	23/12/2009	28.2	21.0	22.7	24.5	26.3
358	24/12/2009	28.9	21.6	23.3	25.1	26.9
359	25/12/2009	29.4	22.4	24.1	25.8	27.5
360	26/12/2009	28.8	24.0	25.2	26.4	27.5
361	27/12/2009	29.5	24.2	25.5	26.8	28.1
362	28/12/2009	30.2	24.6	25.9	27.3	28.7
363	29/12/2009	29.9	24.3	25.7	27.1	28.4
364	30/12/2009	28.3	24.2	25.2	26.2	27.2
365	31/12/2009	28.8	24.4	25.4	26.5	27.6
เฉลี่ย		29.6	23.9	25.3	26.7	28.1

ตาราง ข. 2 ตารางผลการคำนวณหาอุณหภูมิอากาศออกจากชุดทดลองระบบทำความเย็นแบบระเหยชนิดโดยตรงและโดยอ้อม แบบใช้ Coil และ Pad ร่วมกัน,แบบ Coil อย่างเดียว และแบบ Pad อย่างเดียว กับ ข้อมูลสภาพอากาศประเทศไทย กรมอุตุนิยมวิทยา สถานีสนามบินดอนเมือง กรุงเทพมหานคร ปี 2552 ทุกเดือนโดยเฉลี่ย 6.00-18.00 น.

Time (month)	T _{in} (°C)		T _{out} (°C)		
	DW	WB	coil+pad	coil	pad
1	26.1	19.7	21.2	22.8	24.3
2	30.4	23.4	25.1	26.8	28.5
3	30.7	24.6	26.1	27.6	29.1
4	31.2	25.0	26.5	28.0	29.5
5	30.1	25.2	26.4	27.6	28.8
6	30.5	25.1	26.4	27.8	29.0
7	29.8	24.6	25.9	27.2	28.4
8	30.5	25.0	26.3	27.7	29.0
9	30.1	24.9	26.1	27.4	28.6
10	29.3	25.0	26.0	27.1	28.1
11	28.5	22.4	23.8	25.4	26.8
12	28.6	22.0	23.6	25.2	26.8
เฉลี่ย	29.6	23.9	25.3	26.7	28.1



หมายเหตุ

T_{in}= อุณหภูมิอากาศที่ทางเข้าชุดทดลองระบบทำความเย็นแบบระเหยชนิดโดยตรงและ โดยอ้อม

T_{out}= อุณหภูมิอากาศที่ทางออกชุดทดลองระบบทำความเย็นแบบระเหยชนิด โดยตรงและ โดยอ้อม

DB= อุณหภูมิกระเปาะแห้ง (°C)

WB= อุณหภูมิกระเปาะเปียก (°C)

