
CONTENTS

Title	Page
4.1 INTRODUCTION	2
4.1.1 OVERVIEW	2
4.2 PRE-FILTER TESTING – H&K RUGBY LTD	3
4.2.1 THE HI-KATCH FILTER – MANUFACTURED BY H&K RUGBY LTD.....	3
4.2.1.1 Oil Added Chart.....	3
4.2.1.2 Fries Cooked Chart	3
4.2.1.3 Fries Weight Change Chart	4
4.2.1.4 Sample Filter Weight Chart	4
4.2.1.5 Grease Filter – Grease Collection Chart.....	5
4.2.2 DAILY DATA COLLECTED 05/12/2000	6
4.2.2.1 FILTER AIR VOLUME TEST CERTIFICATE - 05/12/2000	6
4.2.2.2 Room Temperature Data Log Collected 05/12/2000.....	8
4.2.2.3 Duct Temperature Data Log Collected 05/12/2000.....	9
4.2.2.4 Room Humidity Data Log Collected 05/12/2000	10
4.2.2.5 Duct Humidity Data Log Collected 05/12/2000	11
4.2.2.6 Wilson Flow Grid Volume Data Log Collected 05/12/2000	12
4.2.2.7 'X' Flow Grid Volume Data Log Collected 05/12/2000	13
4.2.2.8 Sample Filter Static Pressure Data Log Collected 05/12/2000	14
4.2.3 Daily Data Collected 06/12/2000	15
4.2.3.1 FILTER AIR VOLUME TEST CERTIFICATE - 06/12/2000	15
4.2.3.2 Room Temperature Data Log Collected 06/12/2000.....	17
4.2.3.3 Duct Temperature Data Log Collected 06/12/2000	18
4.2.3.4 Room Humidity Data Log Collected 06/12/2000.....	19
4.2.3.5 Duct Humidity Data Log Collected 06/12/2000	20
4.2.3.6 Wilson Flow Grid Volume Data Log Collected 06/12/2000	21
4.2.3.7 'X' Flow Grid Volume Data Log Collected 06/12/2000.....	22
4.2.3.8 Sample Filter Static Pressure Data Log Collected 06/12/2000	23
4.2.4 Daily Data Collected 07/12/2000	24
4.2.4.1 FILTER AIR VOLUME TEST CERTIFICATE - 07/12/2000	24
4.2.4.2 Room Temperature Data Log Collected 07/12/2000.....	26
4.2.4.3 Duct Temperature Data Log Collected 07/12/2000.....	27
4.2.4.4 Room Humidity Data Log Collected 07/12/2000	28
4.2.4.5 Duct Humidity Data Log Collected 07/12/2000	29
4.2.4.6 Wilson Flow Grid Volume Data Log Collected 07/12/2000	30
4.2.4.7 'X' Flow Grid Volume Data Log Collected 07/12/2000	31
4.2.4.8 Sample Filter Static Pressure Data Log Collected 07/12/2000	32
4.2.5 Daily Data Collected 08/12/2000	33
4.2.5.1 FILTER AIR VOLUME TEST CERTIFICATE - 08/12/2000	33
4.2.5.2 Room Temperature Data Log Collected 08/12/2000.....	35
4.2.5.3 Duct Temperature Data Log Collected 08/12/2000.....	36
4.2.5.4 Room Humidity Data Log Collected 08/12/2000	37
4.2.5.5 Duct Humidity Data Log Collected 08/12/2000	38
4.2.5.6 Wilson Flow Grid Volume Data Log Collected 08/12/2000	39
4.2.5.7 'X' Flow Grid Volume Data Log Collected 08/12/2000	40
4.2.5.8 Sample Filter Static Pressure Data Log Collected 08/12/2000	41
4.2.6 Daily Data Collected 11/12/2000	42
4.2.6.1 FILTER AIR VOLUME TEST CERTIFICATE - 11/12/2000.....	42

PRIMARY FILTER - TEST RESULTS

4.2.6.2	Room Temperature Data Log Collected 11/12/2000.....	44
4.2.6.3	Duct Temperature Data Log Collected 11/12/2000.....	45
4.2.6.4	Room Humidity Data Log Collected 11/12/2000	46
4.2.6.5	Duct Humidity Data Log Collected 11/12/2000	47
4.2.6.6	Wilson Flow Grid Volume Data Log Collected 11/12/2000	48
4.2.6.7	'X' Flow Grid Volume Data Log Collected 11/12/2000	49
4.2.6.8	Sample Filter Static Pressure Data Log Collected 11/12/2000	50

4.1 INTRODUCTION

4.1.1 OVERVIEW

The test result are included in this section as graphs from the data, once the data has been verified and the data converted into comma separated *.CSV format, for display in Excel.

The data is sectioned according to the type of test and the manufacturer.

The main indicator of efficiency is the weight increase of the sample filter, the lower the weight increase the higher the efficiency of the filters under test, although there are other factors to be calculated to provide the final efficiencies as calculated from this test.

The data regarding just temperatures and humidity should be read in conjunction with the amount of grease collected and the amount of fries cooked, as the calculation of efficiency includes the amount of water available to be extracted and the actual amount of water collected relative to the amount of grease collected, which is based on the amount of grease used and the amount of fries cooked and the temperature that the fryer maintained whilst the cooking process was carried out, as well as the basic comparison of the total amount of grease collected on a daily basis, as the humidity and temperature has a relationship to the atomisation of the grease into the extract air stream.

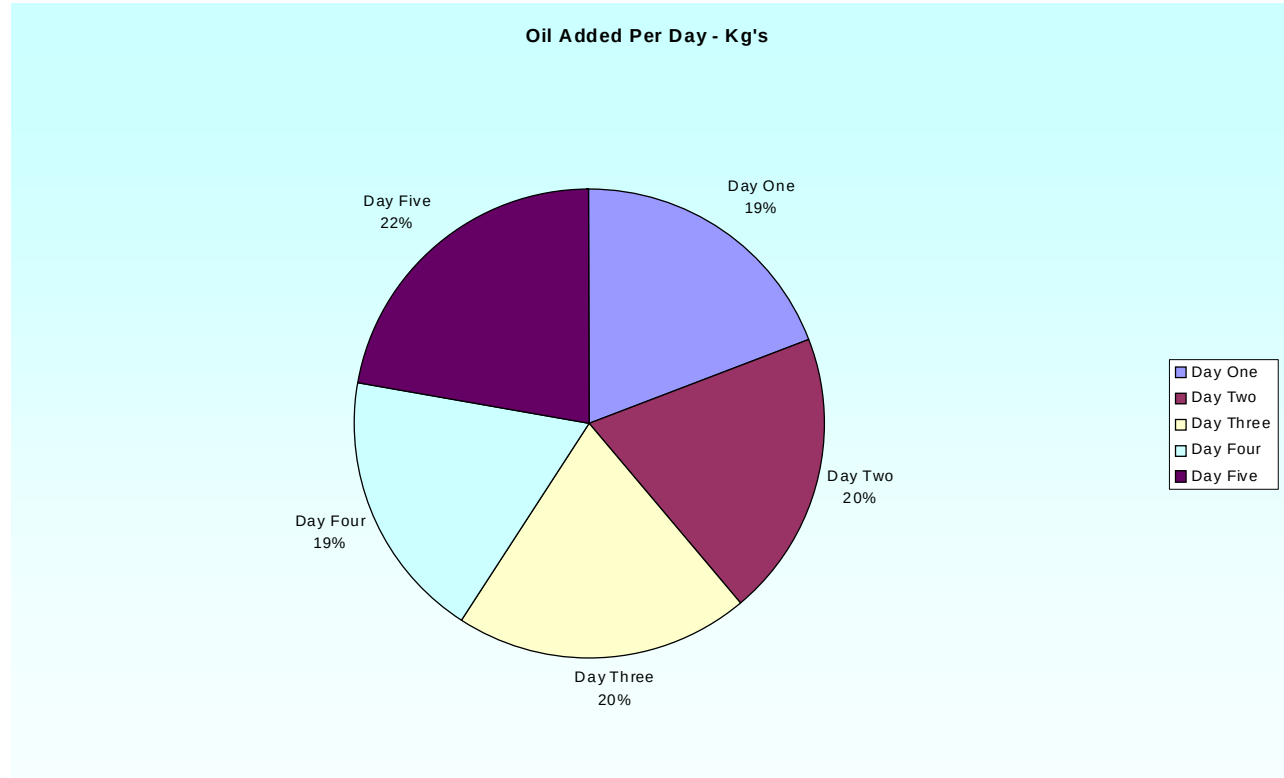
The testing of the pre-filters was carried out in accordance with the issued testing procedure and protocol.

The following charts were used in the final selection for the winning pre-filter.

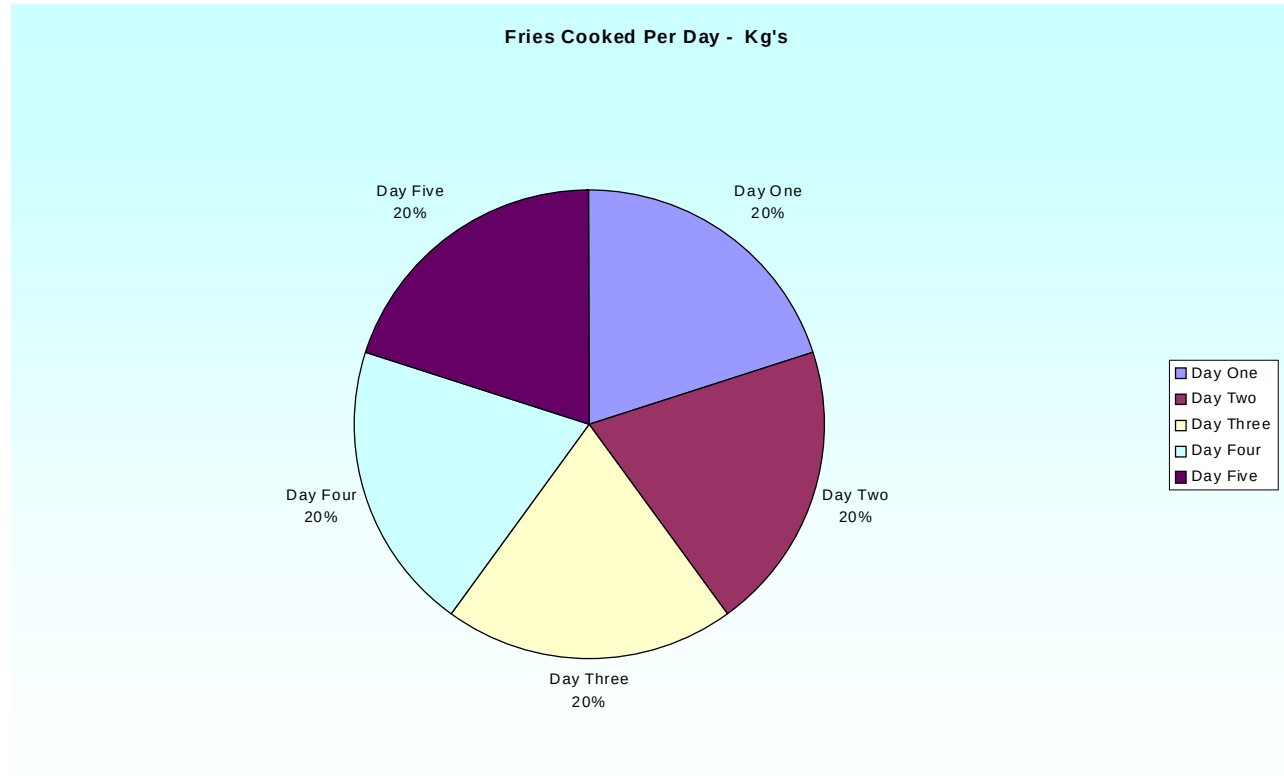
4.2 PRE-FILTER TESTING – H&K RUGBY LTD

4.2.1 THE HI-KATCH FILTER – MANUFACTURED BY H&K RUGBY LTD

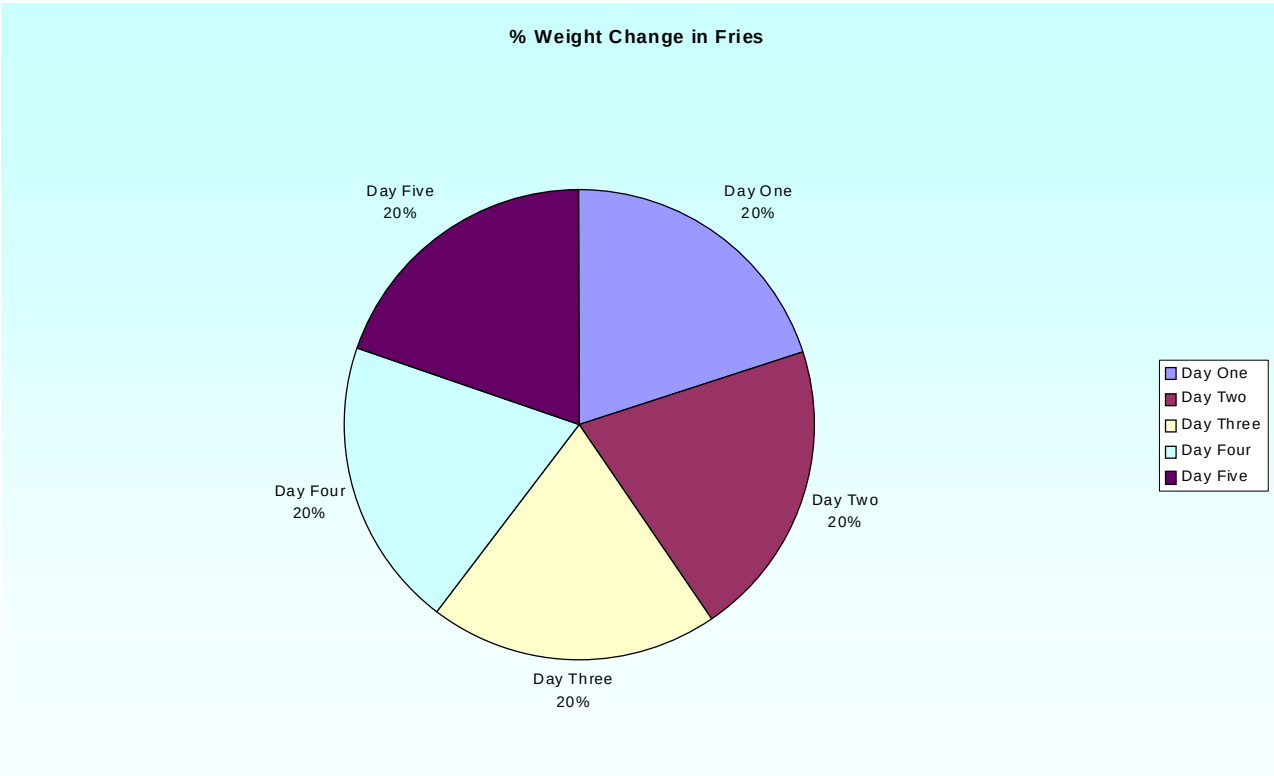
4.2.1.1 Oil Added Chart



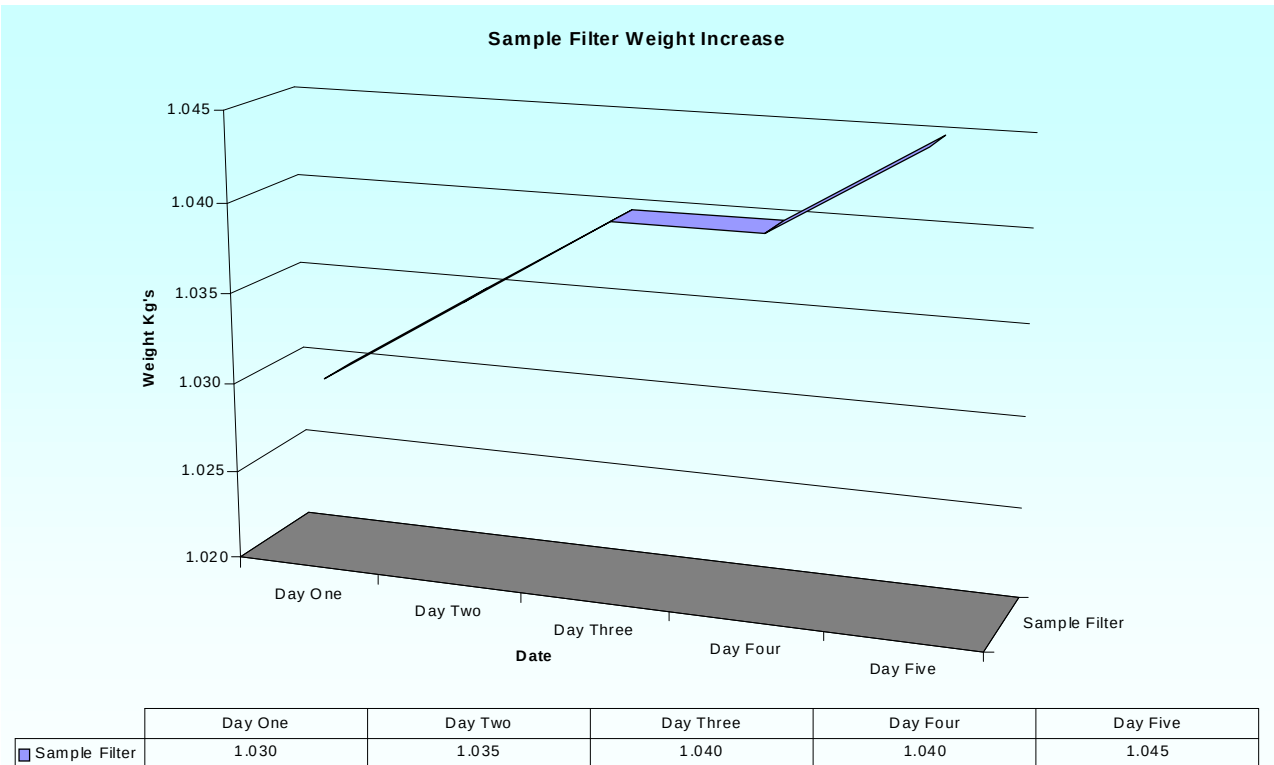
4.2.1.2 Fries Cooked Chart



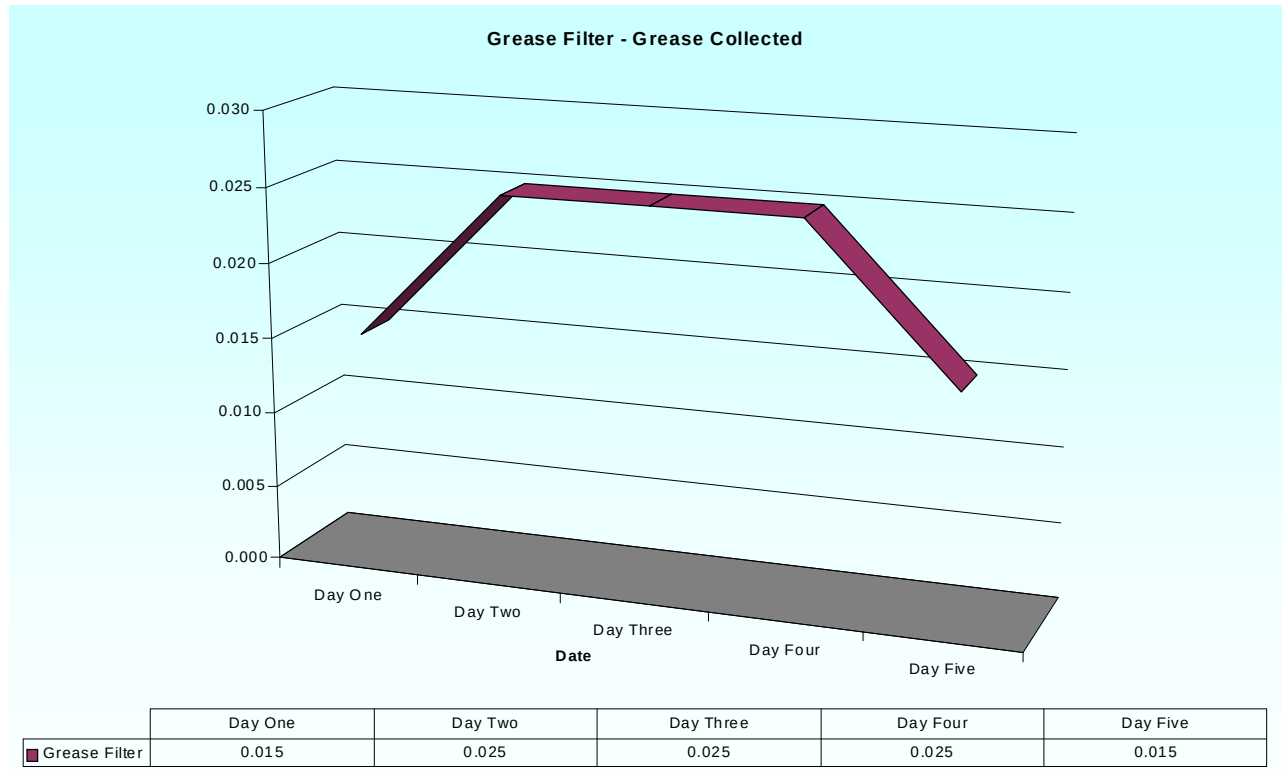
4.2.1.3 Fries Weight Change Chart



4.2.1.4 Sample Filter Weight Chart



4.2.1.5 Grease Filter – Grease Collection Chart



4.2.2 DAILY DATA COLLECTED 05/12/2000

Grease Filter

Filter Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
1	2.255	2.255	0.000	0.0
2	2.260	2.265	0.005	0.2
3	2.255	2.265	0.010	0.4
4	2.260	2.260	0.000	0.0
Totals	9.030	9.045	0.015	0.166

Sample Filter

Filter Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
1	1.030	1.030	0.000	0.0
2				

Fries Weights

Box Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
001	15.830	16.490	0.660	4.2
002	15.810	14.065	-1.745	-11.0
003	15.815	15.980	0.165	1.0
004	15.830	14.245	-1.585	-10.0
005	15.870	17.890	2.020	12.7
006	15.855	18.570	2.715	17.1
007	15.830	15.525	-0.305	-1.9
008	15.820	7.510	-8.310	-52.5
009	15.855			
010	15.825			
011	15.825			
012	15.830			
Box Weights		2.980		
Totals	189.995	123.255	-66.740	-35.1

Misc Weights

Item	Weight Kg's
Box Weights	2.980
Oil Added	5.135

Item	Weight Kg's
Bag Weights	0.284
Tissue Weights	0.028

4.2.2.1 FILTER AIR VOLUME TEST CERTIFICATE - 05/12/2000

Site Location: *McDonalds Test Facility Rugby*
Readings

Verification

System Reference: *Main Canopy: Grease Filter Extract Air Volume*

Model *Hi Katch Filter*

Ref *H & K*

Length of Filter = 0.392 M

**Width of
Filter =**

0.042 M

4.030	4.330	4.340	4.320
4.080	4.150	4.190	3.910
4.000	4.320	4.230	3.910
3.960	4.400	3.910	3.910

Number of Filters = 4

Filter Area Per Filter = 0.016Sq/M 0.2Sq/Ft

Average Air Velocity Reading Per Filter = 4.124M/sec 841.7Ft/Min

Design Air Velocity Per Filter = 4.100M/sec 836.7Ft/Min

Percentage of Design Velocity Per Filter = 100.6% 100.6%

Total Air Volume Per Filter = 0.068M3/sec 160.3Cu/Ft/Min

Design Air Volume Per Filter = 0.068M3/sec 159.4Cu/Ft/Min

Percentage of Design Volume Per Filter = 100.6% 100.6%

Canopy Total Extract Air Volume = 0.272M3/sec 641.3Cu/Ft/Min

Canopy Design Air Volume = 0.270M3/sec 637.5Cu/Ft/Min

Percentage of Canopy Design Volume = 100.6% 100.6%

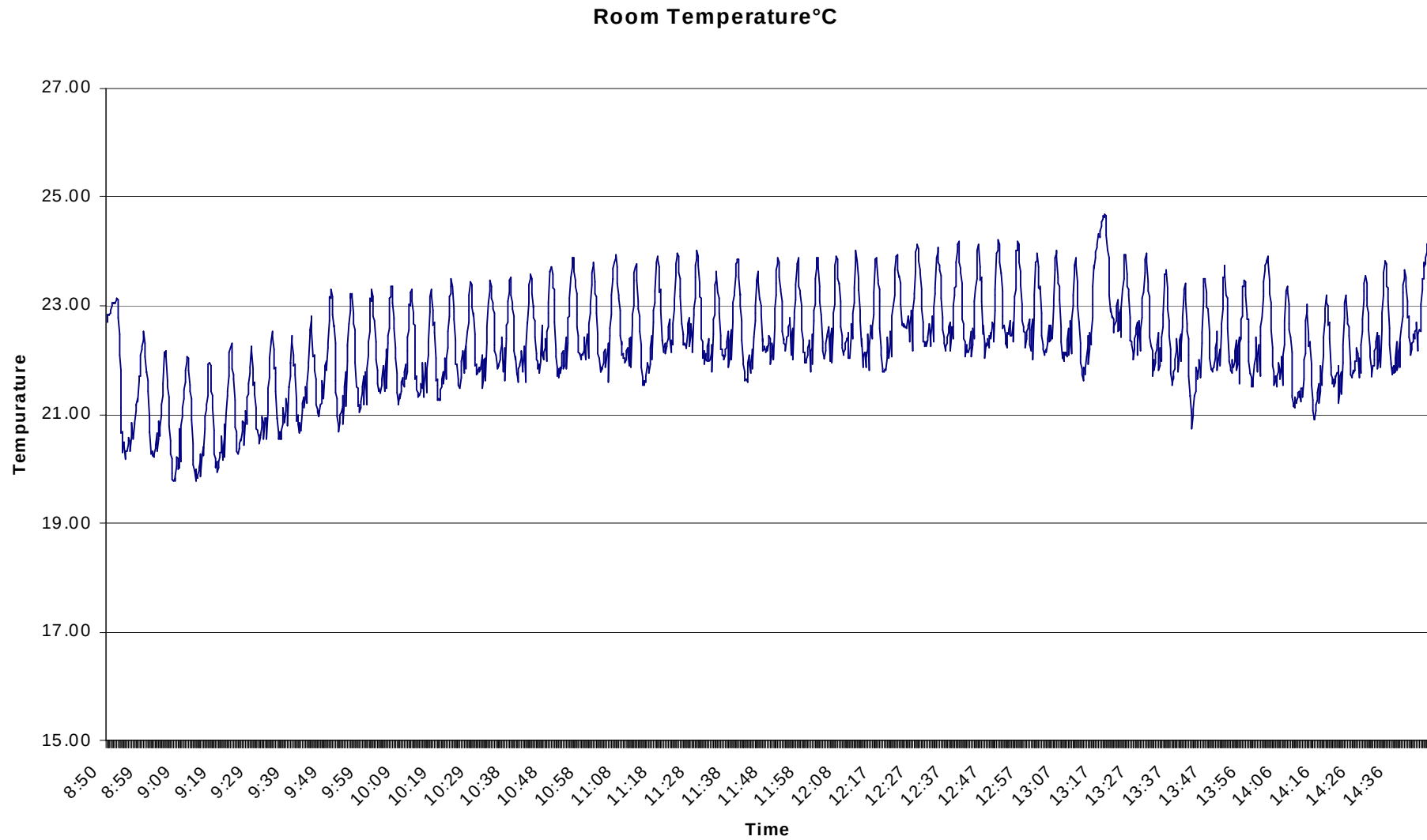
Engineer: G. Allum

Date: 05/12/2000

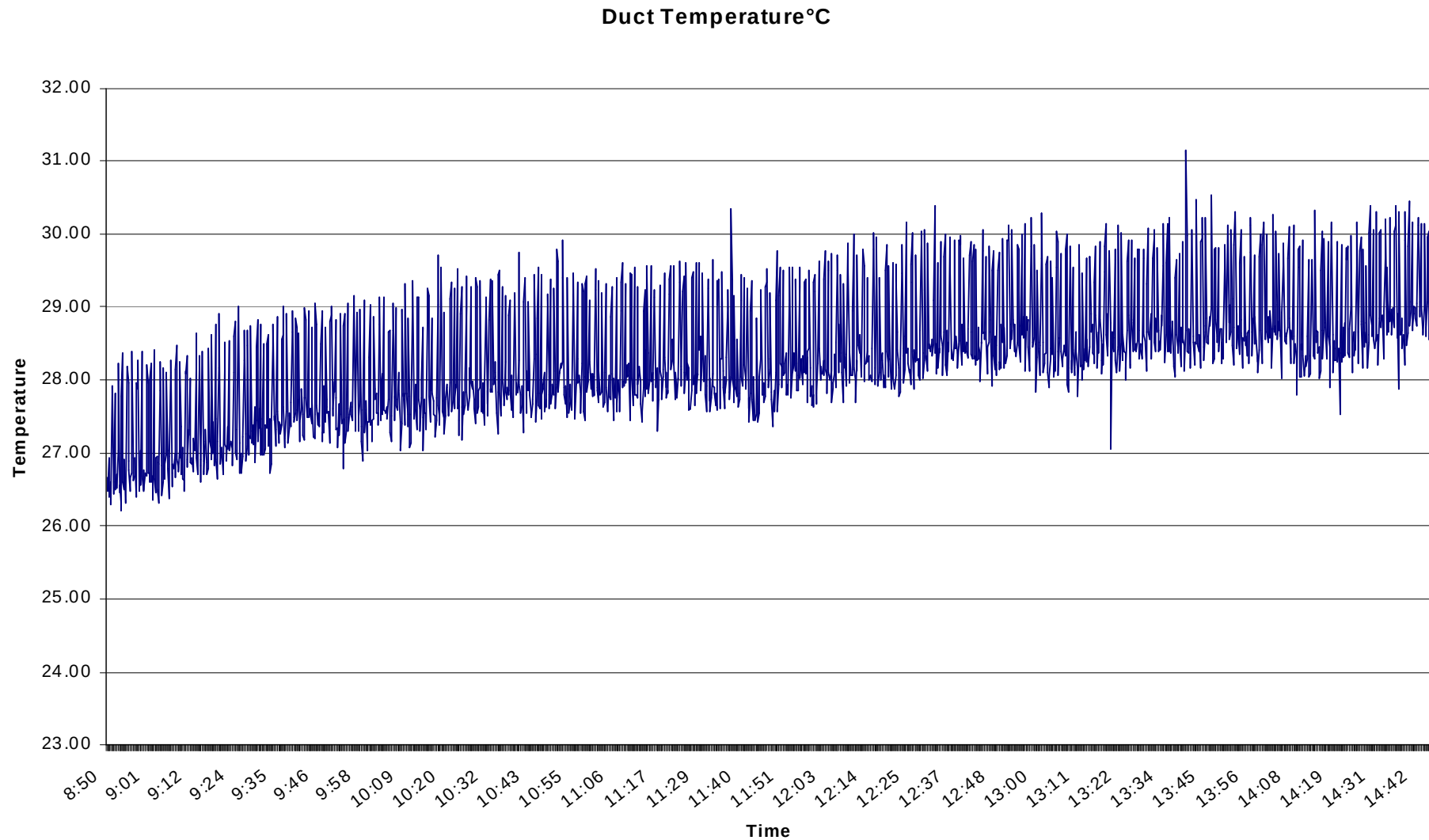
Instrument: Air Flow Developments VTS 6000

AIR VOLUME TEST CERTIFICATE

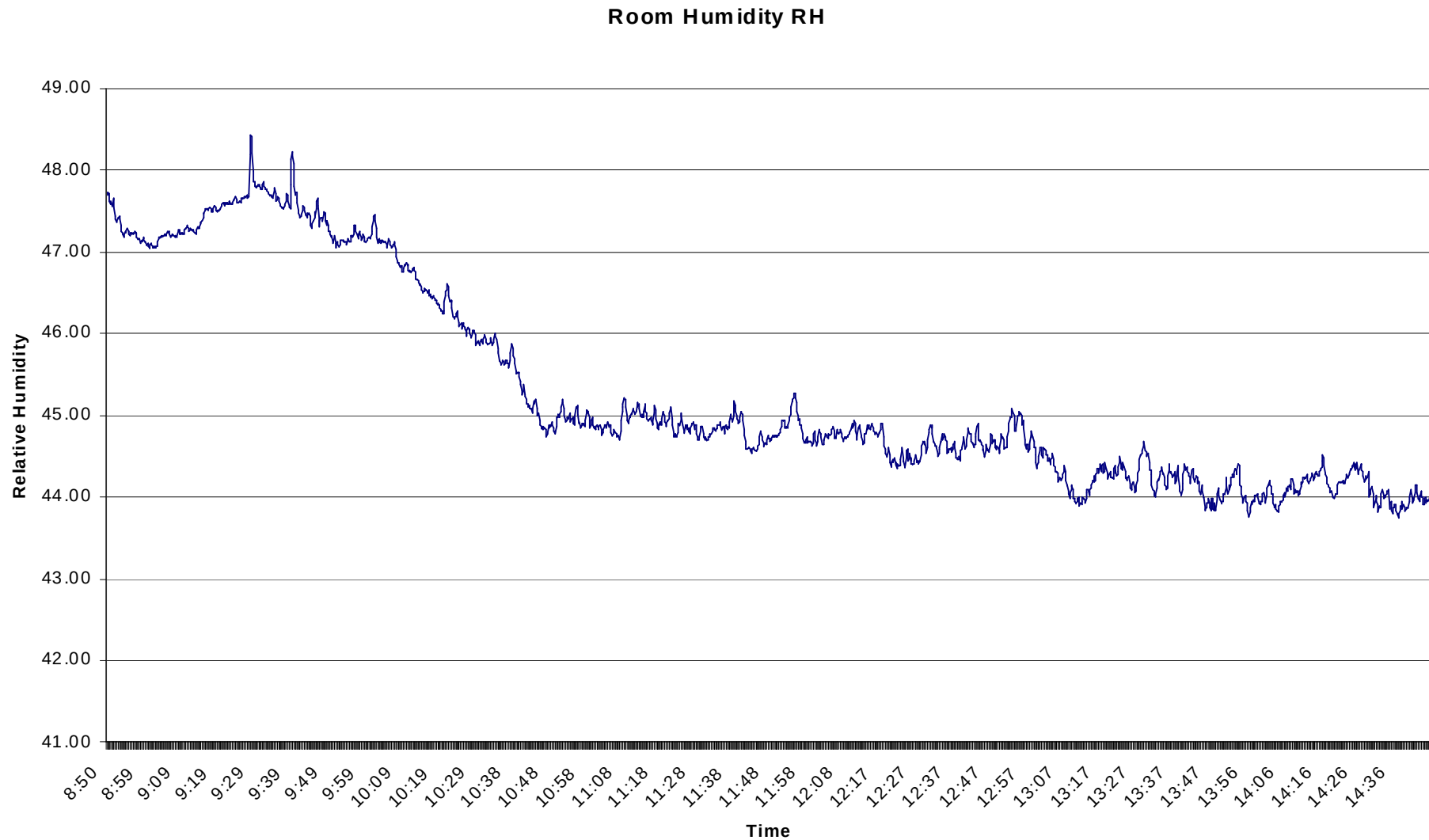
4.2.2.2 Room Temperature Data Log Collected 05/12/2000



4.2.2.3 Duct Temperature Data Log Collected 05/12/2000

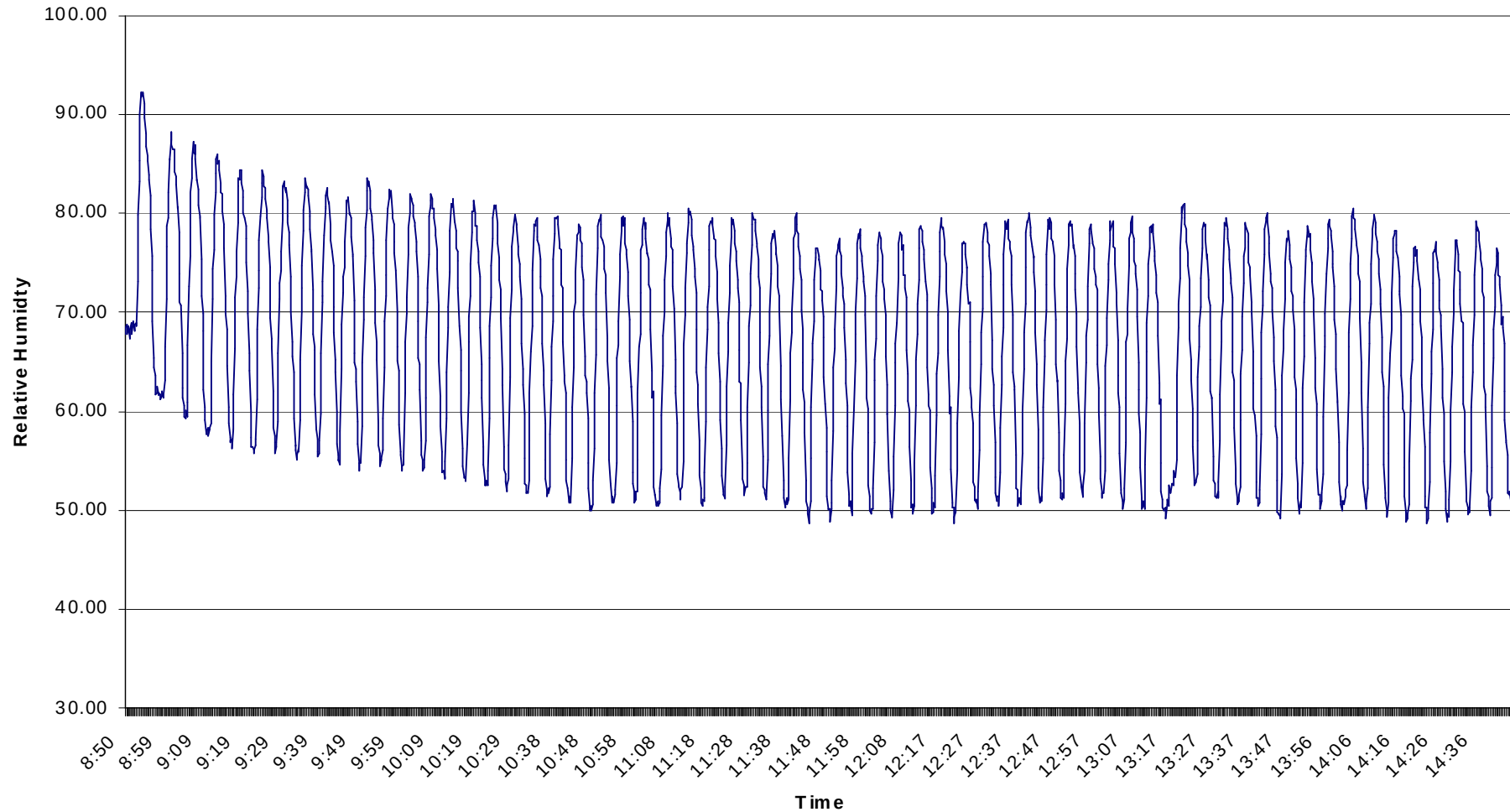


4.2.2.4 Room Humidity Data Log Collected 05/12/2000



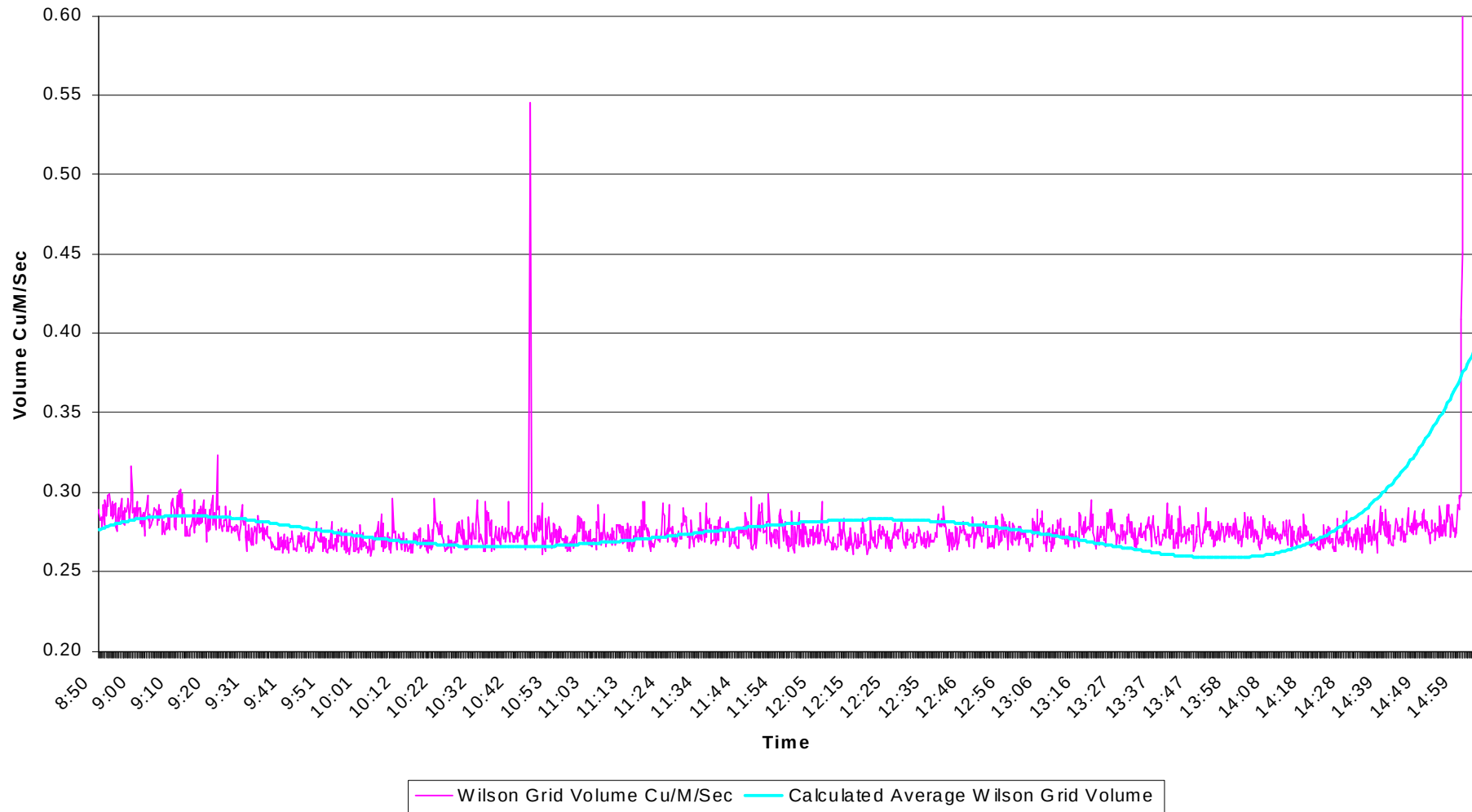
4.2.2.5 Duct Humidity Data Log Collected 05/12/2000

Duct Humidity RH



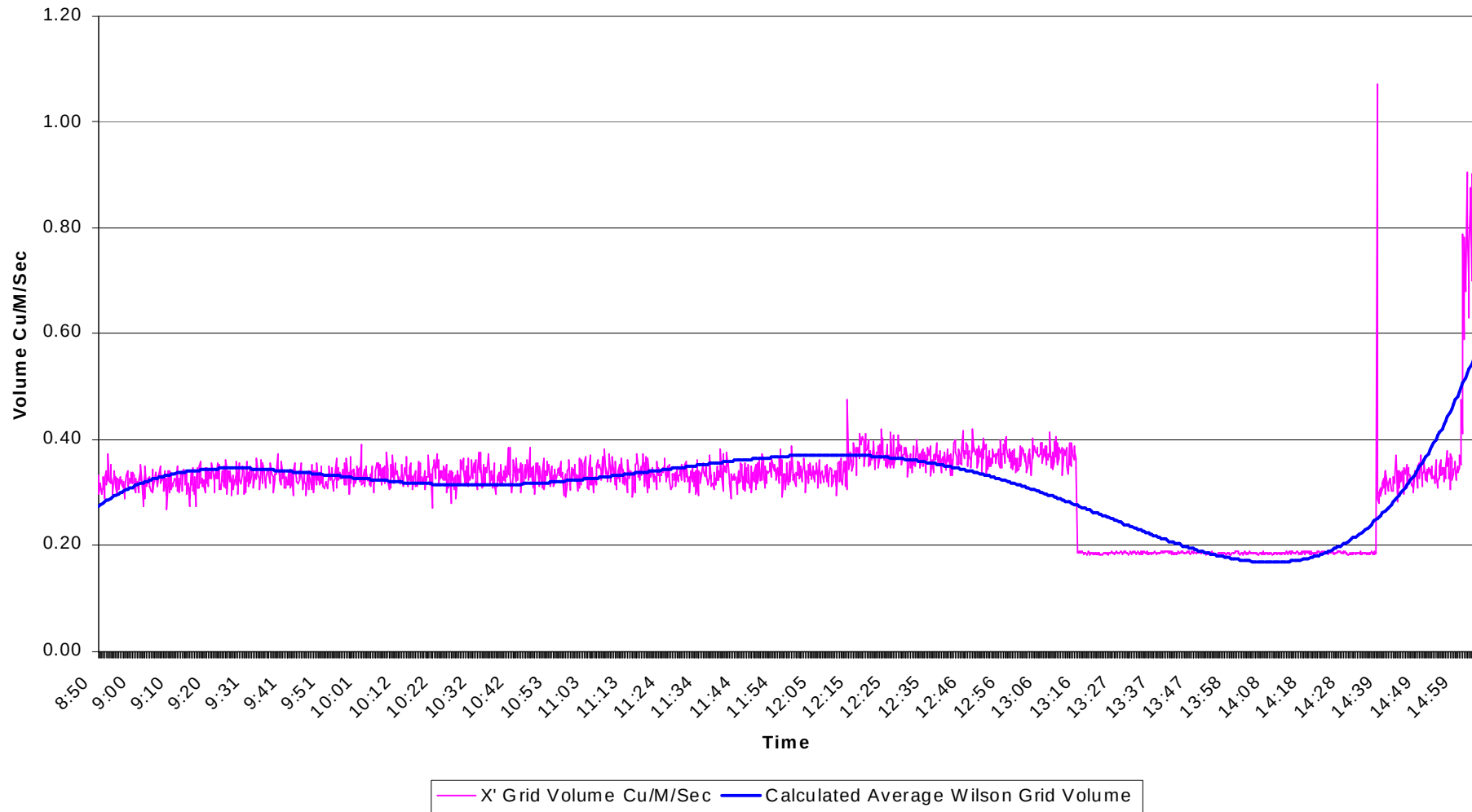
4.2.2.6 Wilson Flow Grid Volume Data Log Collected 05/12/2000

Wilson Grid - Extract Air Volume Cu/M/Sec



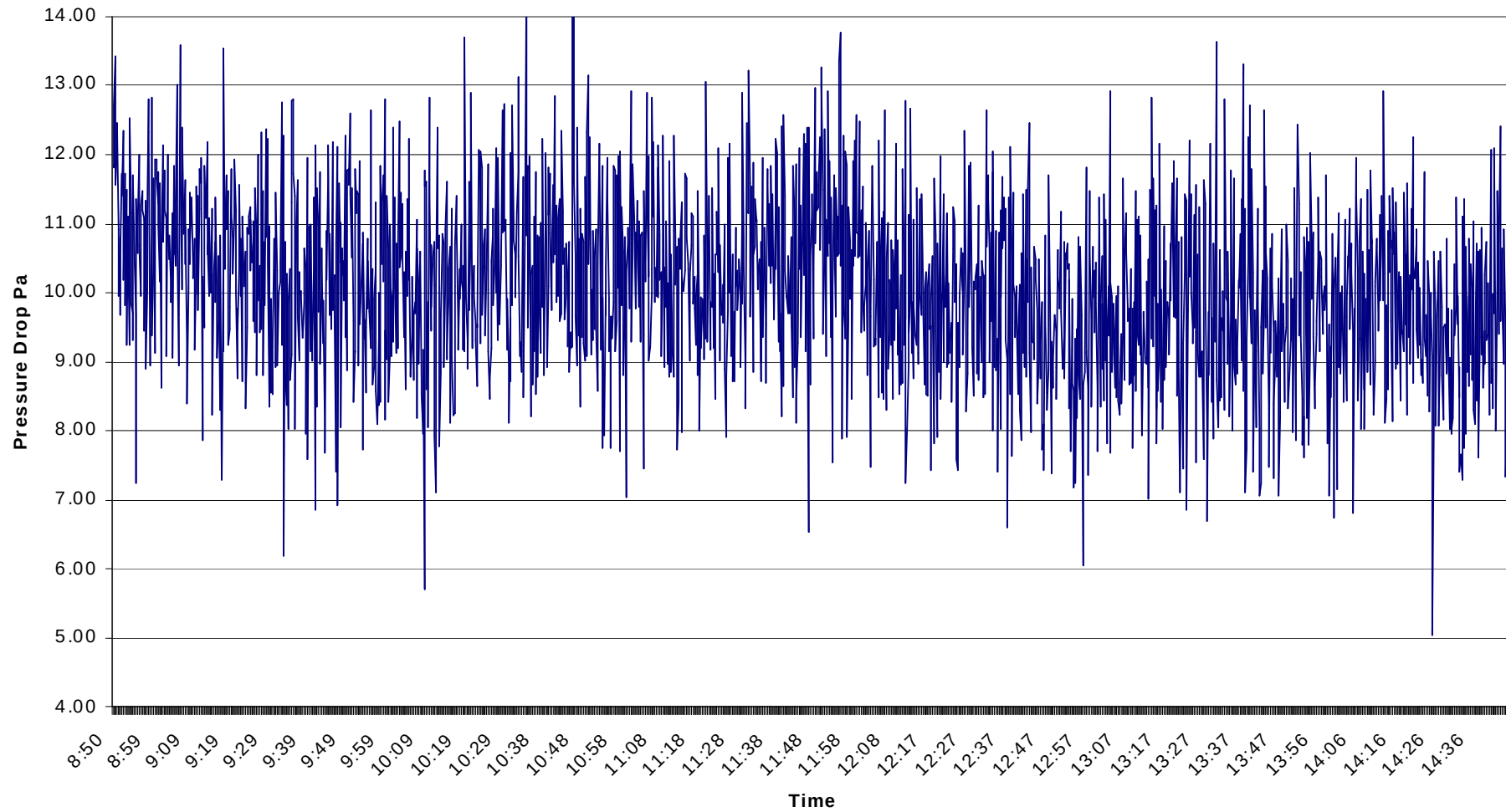
4.2.2.7 'X' Flow Grid Volume Data Log Collected 05/12/2000

'X' Grid - Extract Air Volume Cu/M/Sec



4.2.2.8 Sample Filter Static Pressure Data Log Collected 05/12/2000

Sample Filter No1 Pressure Drop - Pa



4.2.3 DAILY DATA COLLECTED 06/12/2000

Grease Filter

Filter Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
1	2.255	2.255	0.000	0.0
2	2.260	2.270	0.010	0.4
3	2.255	2.270	0.015	0.7
4	2.260	2.260	0.000	0.0
Totals	9.030	9.055	0.025	0.277

Sample Filter

Filter Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
1	1.030	1.035	0.005	0.5
2				

Fries Weights

Box Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
001	15.925	16.835	0.910	5.7
002	15.885	15.180	-0.705	-4.4
003	15.880	19.755	3.875	24.4
004	15.890	16.885	0.995	6.3
005	15.930	14.885	-1.045	-6.6
006	15.910	18.510	2.600	16.3
007	15.905	16.190	0.285	1.8
008	15.890			
009	15.895			
010	15.920			
011	15.840			
012	15.920			
Box Weights		3.255		
Totals	190.790	121.495	-69.295	-36.3

Misc Weights

Item	Weight Kg's
Box Weights	3.255
Oil Added	5.225

Item	Weight Kg's
Bag Weights	0.284
Tissue Weights	0.058

4.2.3.1 FILTER AIR VOLUME TEST CERTIFICATE - 06/12/2000

Site Location: *McDonalds Test Facility Rugby*
Readings

Verification

System Reference: *Main Canopy: Grease Filter Extract Air Volume*

Model *Hi Katch Filter*

Ref *H & K*

Length of Filter = 0.392 M

**Width of
Filter =**

0.042 M

2.950	4.220	4.540	3.960
4.330	4.470	4.590	4.100
3.880	4.350	4.250	4.170
4.290	4.410	4.410	3.980

Number of Filters	=	4	
Filter Area Per Filter	=	0.016Sq/M	0.2Sq/Ft
Average Air Velocity Reading Per Filter	=	4.181M/sec	853.3Ft/Min
Design Air Velocity Per Filter	=	4.100M/sec	836.7Ft/Min
Percentage of Design Velocity Per Filter	=	102.0%	102.0%
Total Air Volume Per Filter	=	0.069M3/sec	162.5Cu/Ft/Min
Design Air Volume Per Filter	=	0.068M3/sec	159.4Cu/Ft/Min
Percentage of Design Volume Per Filter	=	102.0%	102.0%
Canopy Total Extract Air Volume	=	0.275M3/sec	650.1Cu/Ft/Min
Canopy Design Air Volume	=	0.270M3/sec	637.5Cu/Ft/Min
Percentage of Canopy Design Volume	=	102.0%	102.0%

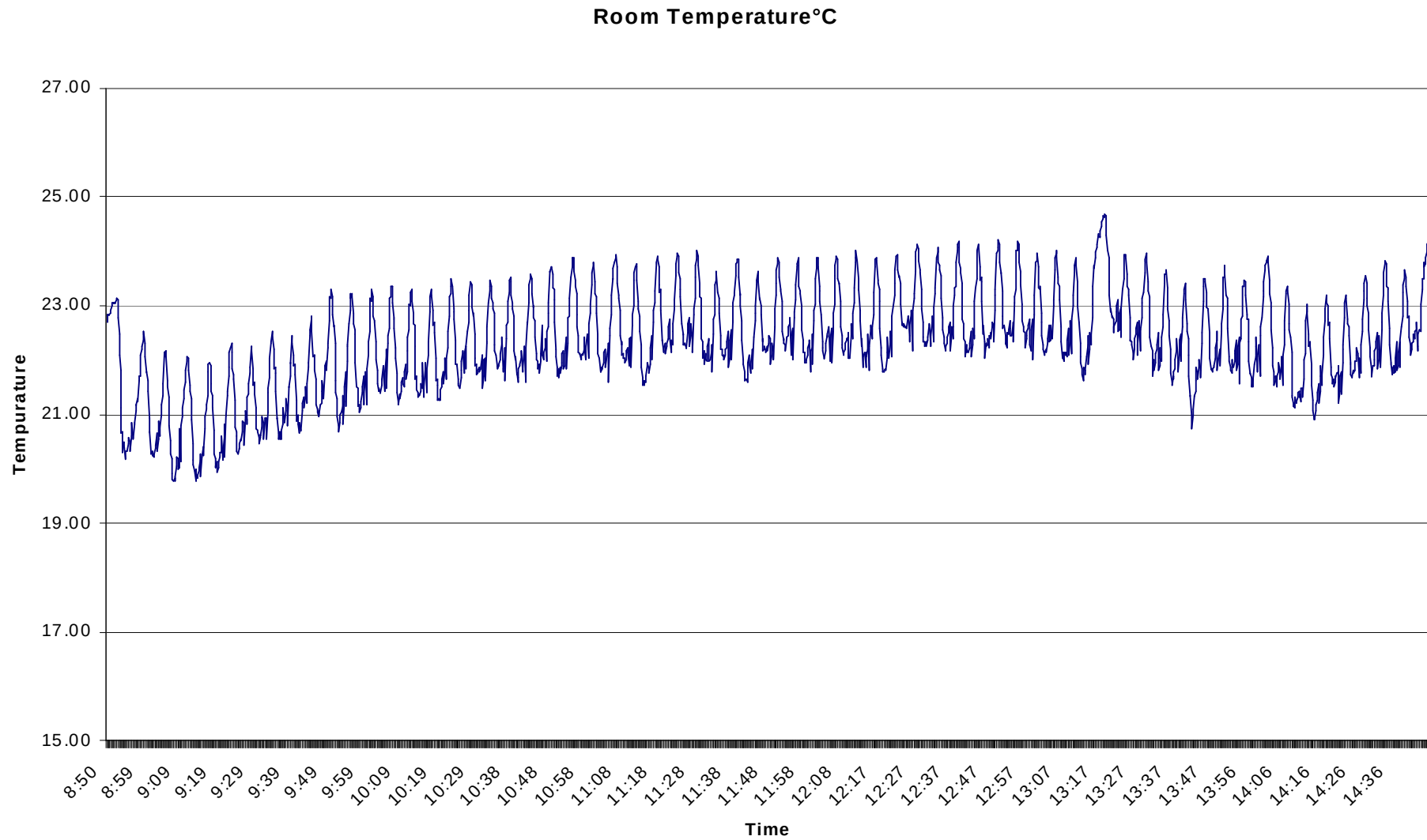
Engineer: G. Allum

Date: 06/12/2000

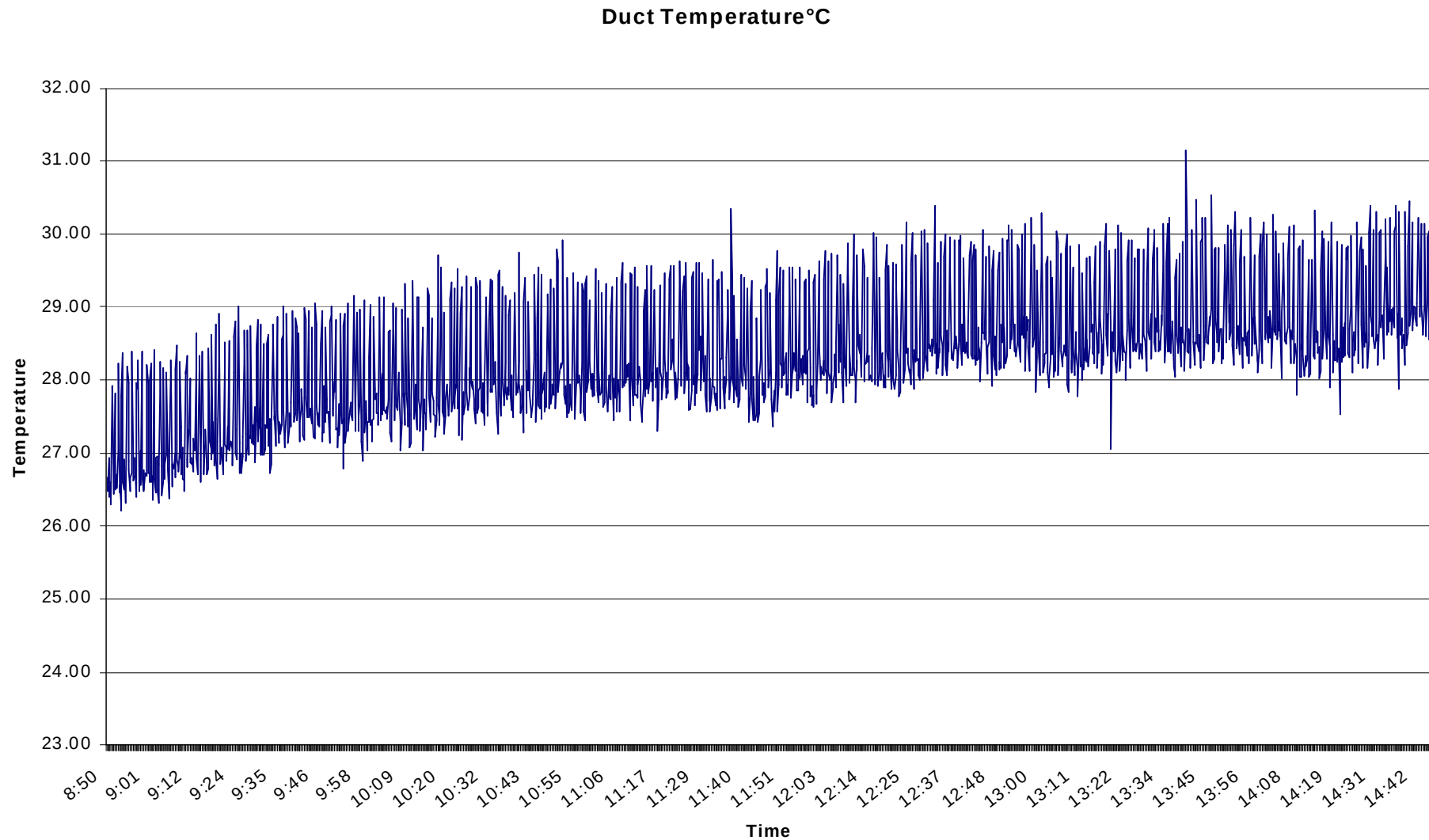
Instrument: Air Flow Developments VTS 6000

AIR VOLUME TEST CERTIFICATE

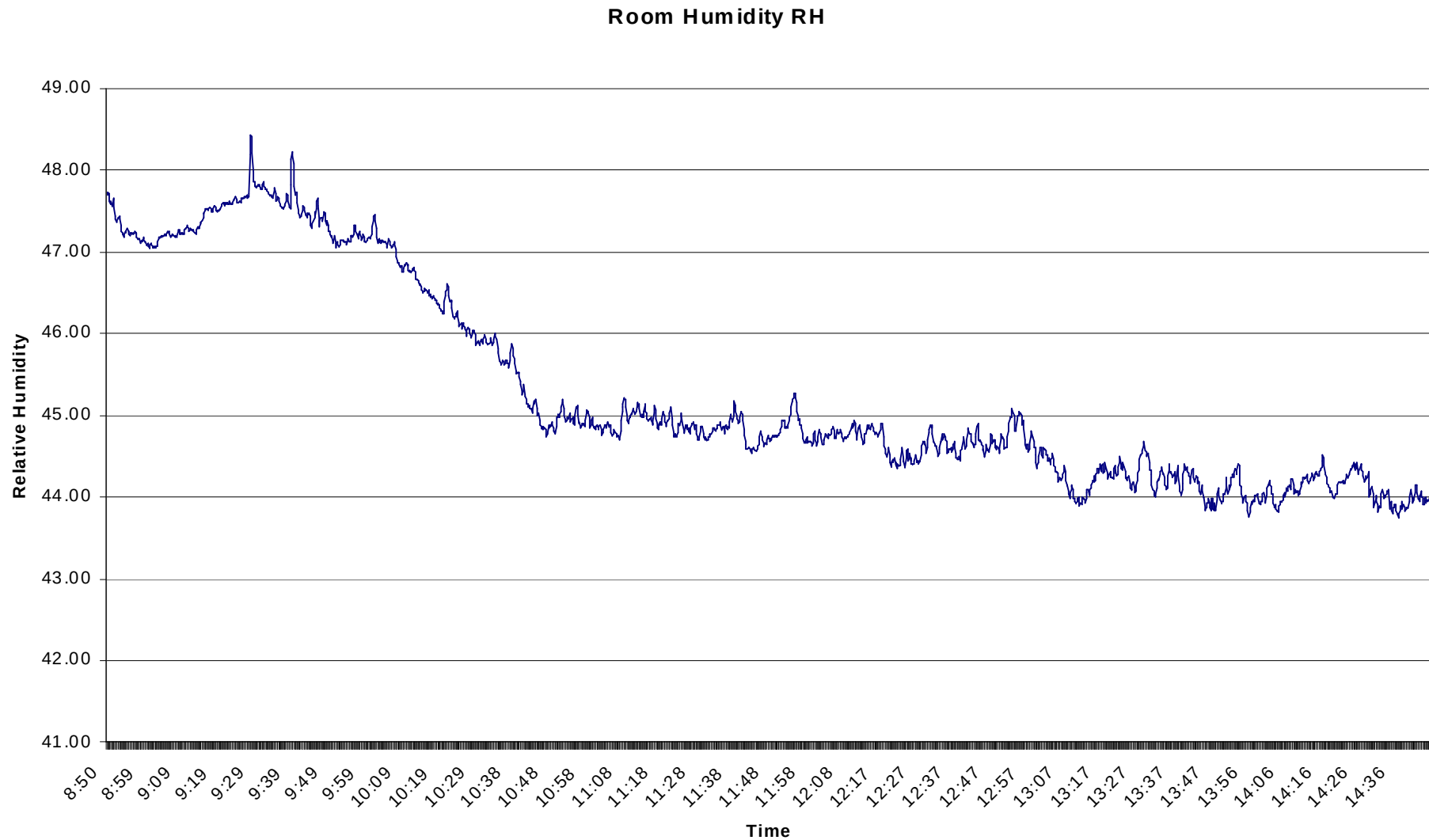
4.2.3.2 Room Temperature Data Log Collected 06/12/2000



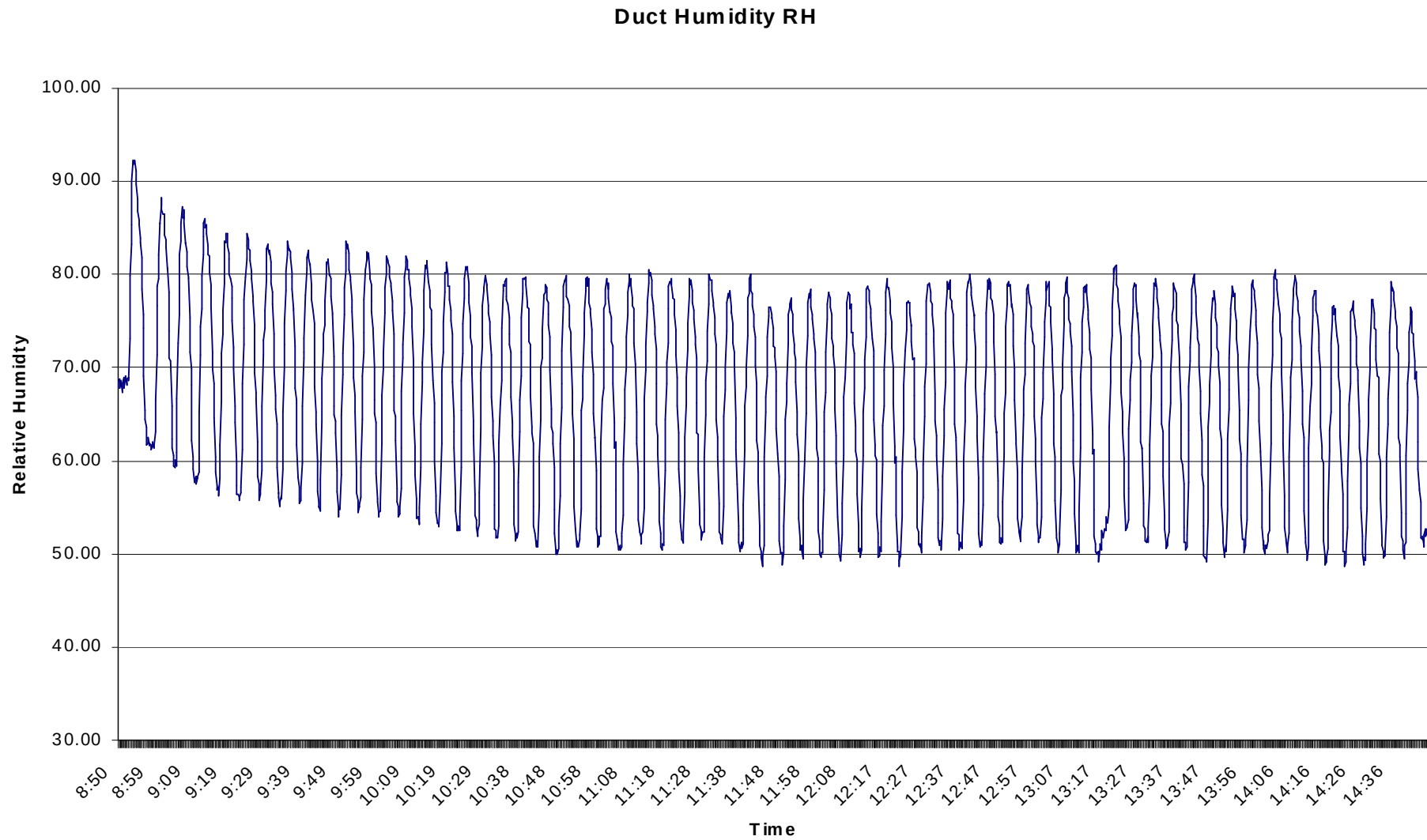
4.2.3.3 Duct Temperature Data Log Collected 06/12/2000



4.2.3.4 Room Humidity Data Log Collected 06/12/2000

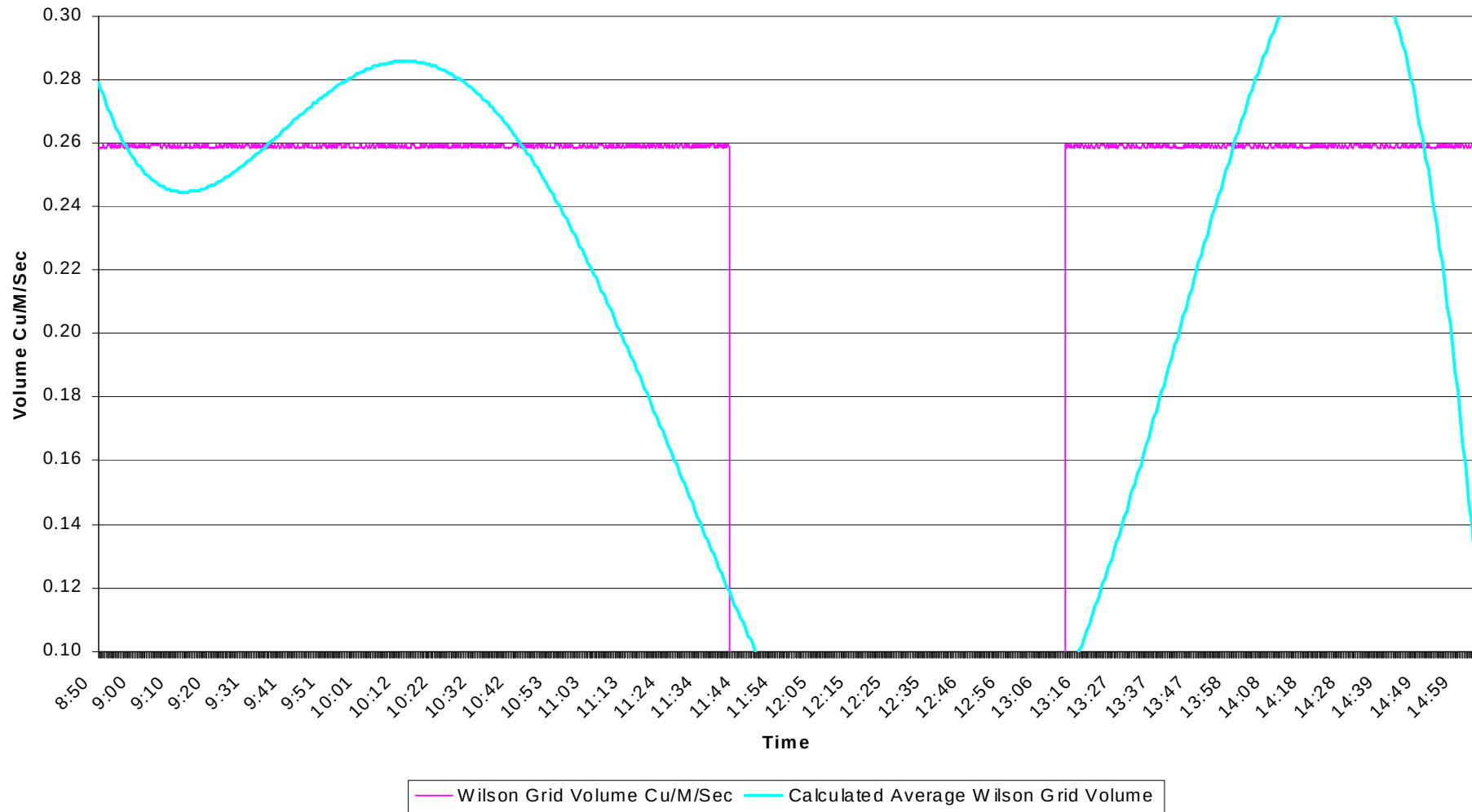


4.2.3.5 Duct Humidity Data Log Collected 06/12/2000



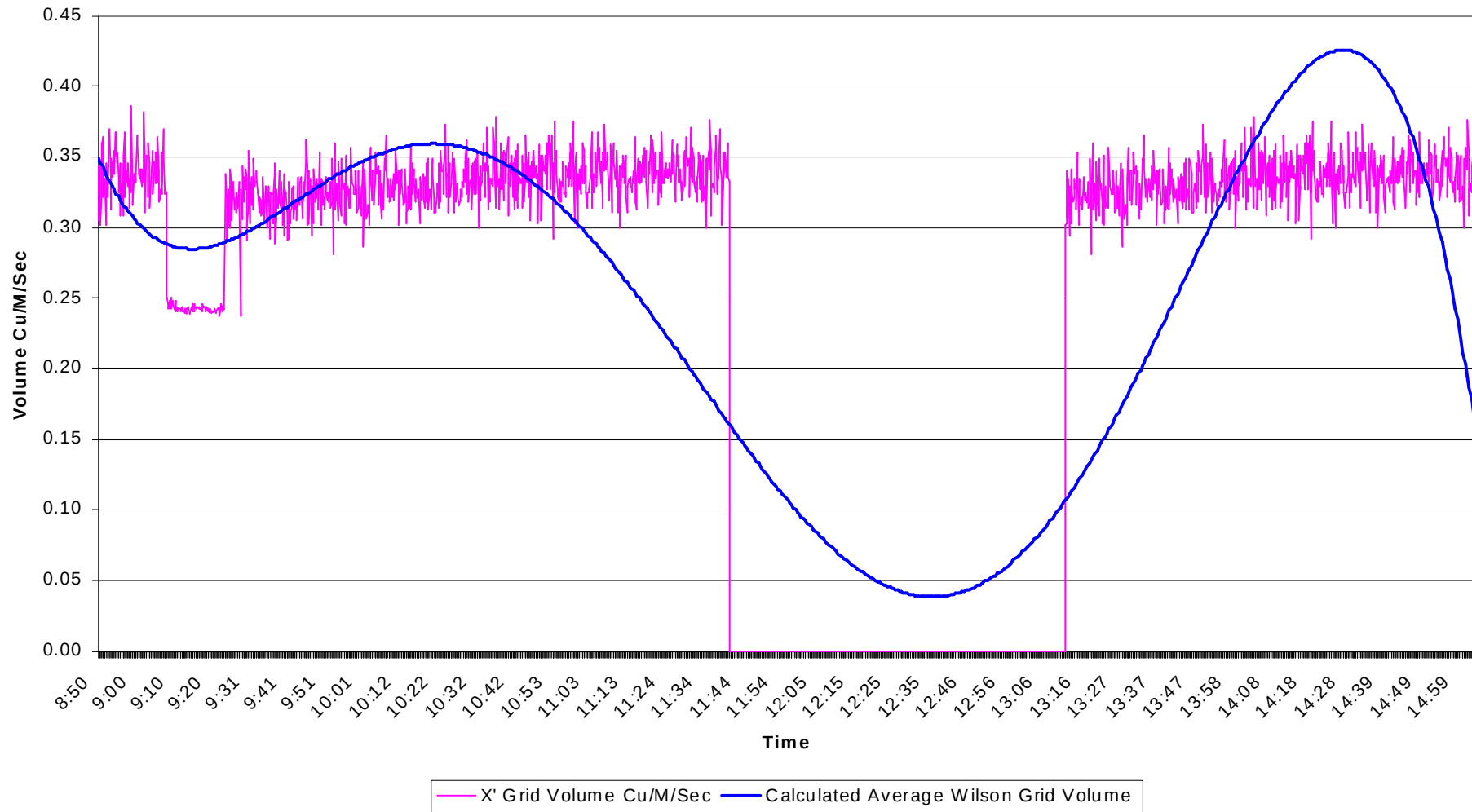
4.2.3.6 Wilson Flow Grid Volume Data Log Collected 06/12/2000

Wilson Grid - Extract Air Volume Cu/M/Sec



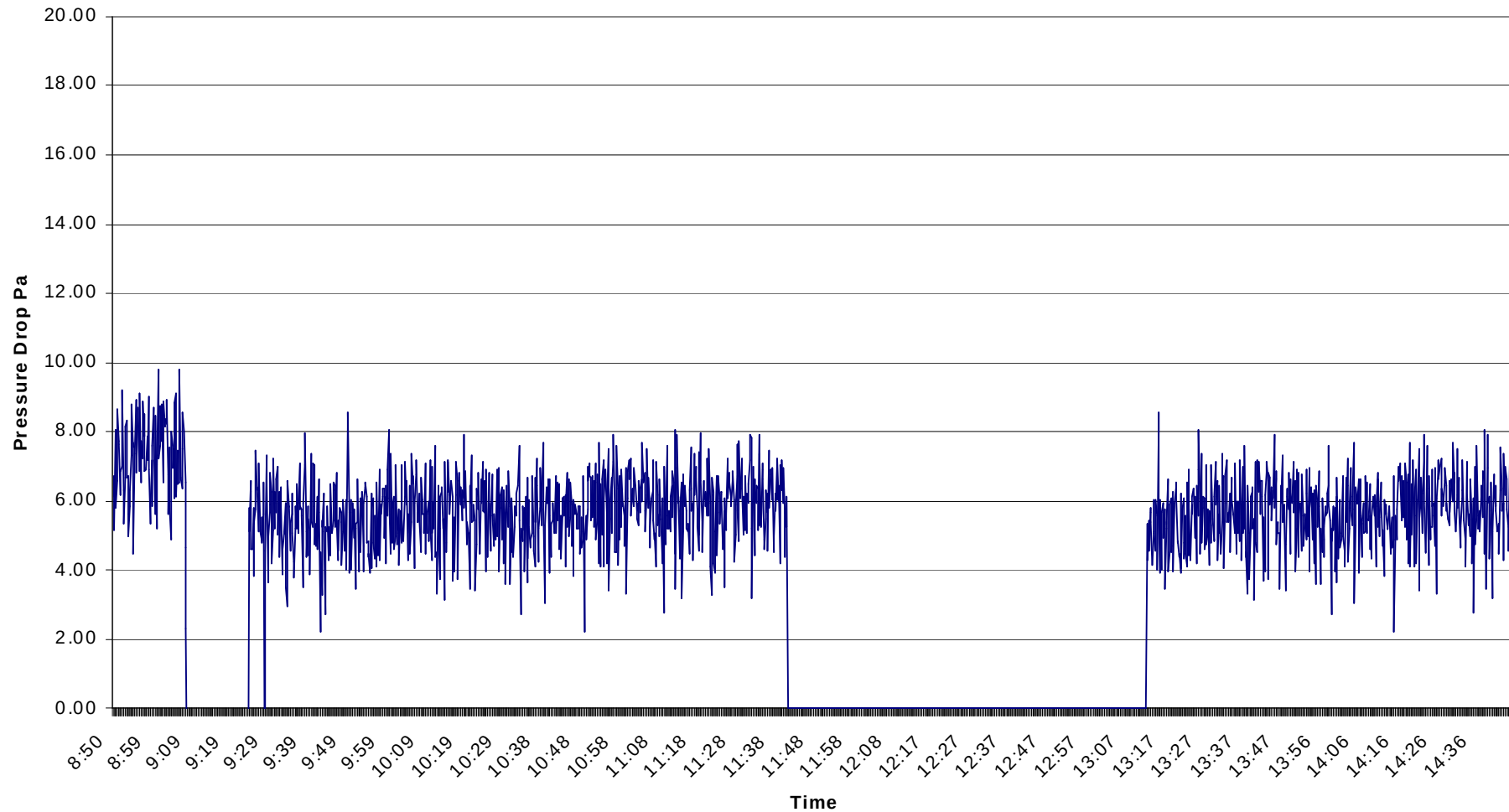
4.2.3.7 'X' Flow Grid Volume Data Log Collected 06/12/2000

'X' Grid - Extract Air Volume Cu/M/Sec



4.2.3.8 Sample Filter Static Pressure Data Log Collected 06/12/2000

Sample Filter No1 Pressure Drop - Pa



4.2.4 DAILY DATA COLLECTED 07/12/2000

Grease Filter

Filter Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
1	2.255	2.260	0.005	0.2
2	2.265	2.270	0.005	0.2
3	2.265	2.275	0.010	0.4
4	2.260	2.265	0.005	0.2
Totals	9.045	9.070	0.025	0.276

Sample Filter

Filter Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
1	1.035	1.040	0.005	0.5
2				

Fries Weights

Box Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
001	15.825	11.750	-4.075	-25.8
002	15.930	8.690	-7.240	-45.4
003	15.815	10.790	-5.025	-31.8
004	15.830	9.015	-6.815	-43.1
005	15.870	10.255	-5.615	-35.4
006	15.855	10.810	-5.045	-31.8
007	15.830	10.825	-5.005	-31.6
008	15.820	10.835	-4.985	-31.5
009	15.855	9.740	-6.115	-38.6
010	15.825	10.445	-5.380	-34.0
011	15.825	10.680	-5.145	-32.5
012	15.830	10.570	-5.260	-33.2
Box Weights		0.000		
Totals	190.110	124.405	-65.705	-34.6

Misc Weights

Item	Weight Kg's
Box Weights	0.000
Oil Added	5.425
Oil Cleaned Up	0.255

Item	Weight Kg's
Bag Weights	0.421
Tissue Weights	0.036
Water Collected	0.0874

4.2.4.1 FILTER AIR VOLUME TEST CERTIFICATE - 07/12/2000

Site Location: *McDonalds Test Facility Rugby*
Readings

Verification

System Reference: *Main Canopy: Grease Filter Extract Air Volume*

Model *Hi Katch Filter*

Ref *H & K*

Length of Filter = 0.392 M

**Width of
Filter =**

0.042 M

4.610	4.090	4.670	4.070
3.880	4.380	4.370	4.050
4.140	4.360	4.380	4.200
4.480	4.490	4.320	4.030

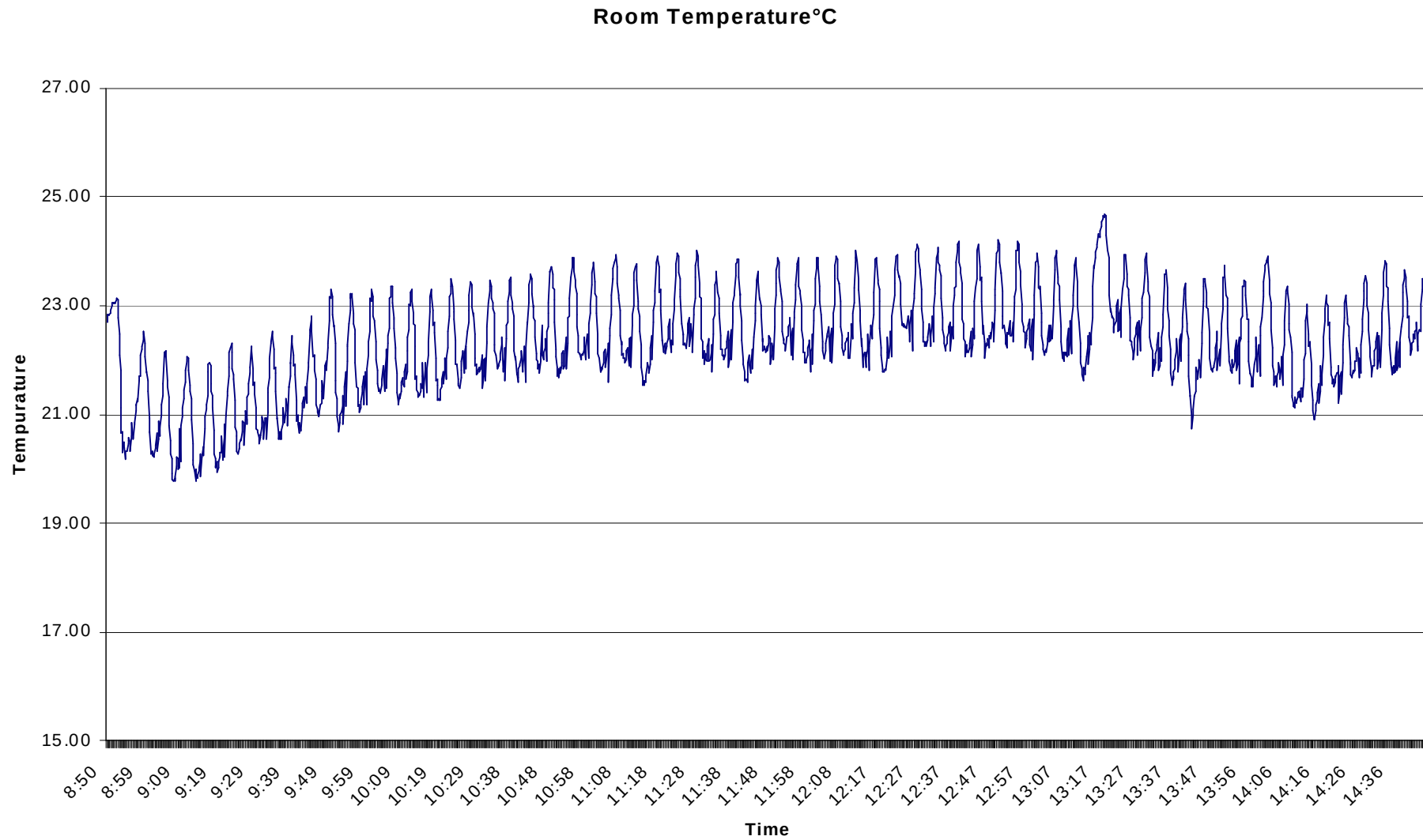
Number of Filters	=	4	
Filter Area Per Filter	=	0.016Sq/M	0.2Sq/Ft
Average Air Velocity Reading Per Filter	=	4.283M/sec	874.0Ft/Min
Design Air Velocity Per Filter	=	4.100M/sec	836.7Ft/Min
Percentage of Design Velocity Per Filter	=	104.5%	104.5%
Total Air Volume Per Filter	=	0.071M3/sec	166.5Cu/Ft/Min
Design Air Volume Per Filter	=	0.068M3/sec	159.4Cu/Ft/Min
Percentage of Design Volume Per Filter	=	104.5%	104.5%
Canopy Total Extract Air Volume	=	0.282M3/sec	665.9Cu/Ft/Min
Canopy Design Air Volume	=	0.270M3/sec	637.5Cu/Ft/Min
Percentage of Canopy Design Volume	=	104.5%	104.5%

Engineer: G. Allum

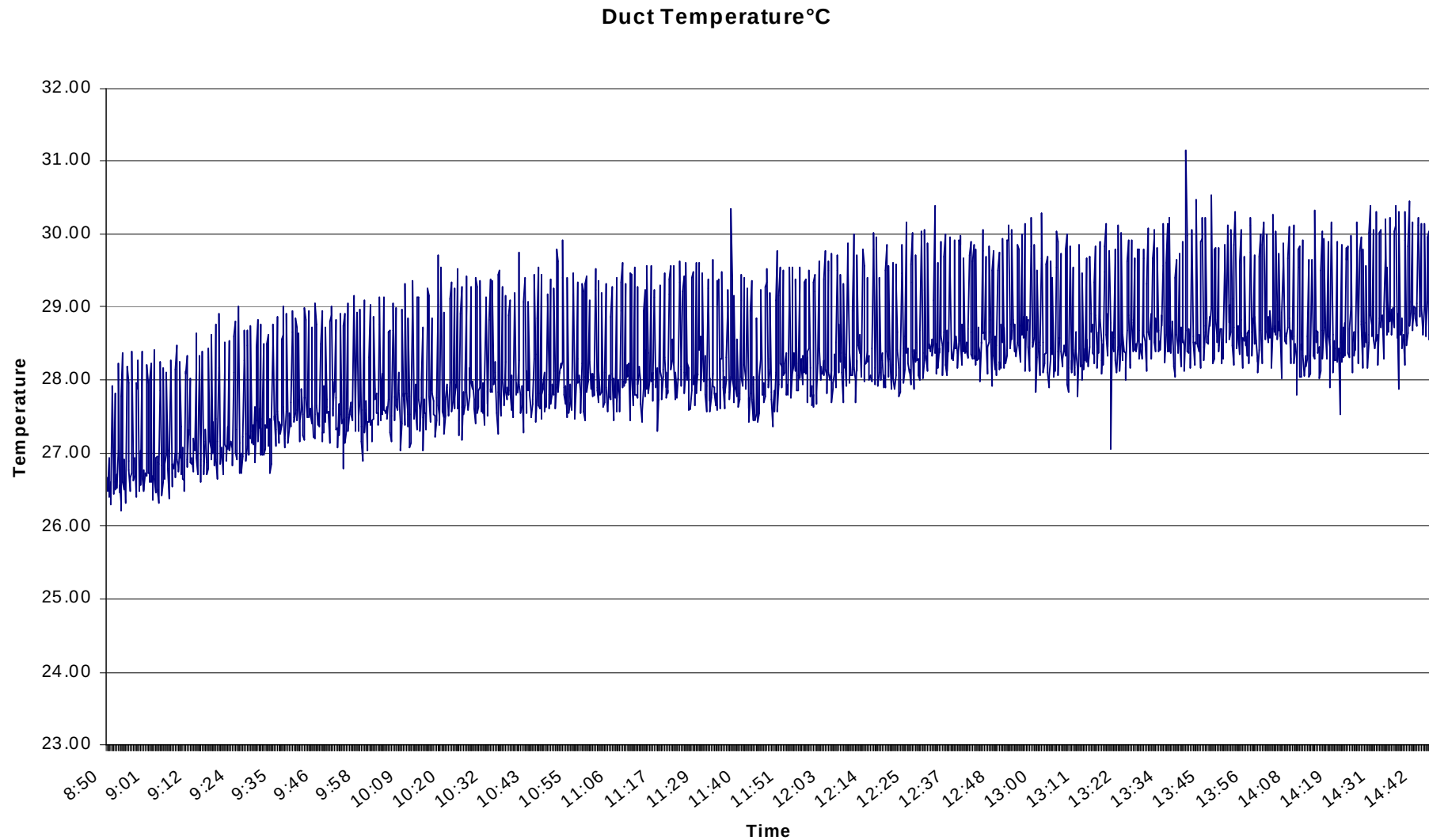
Date: 07/12/2000

Instrument: Air Flow Developments VTS 6000

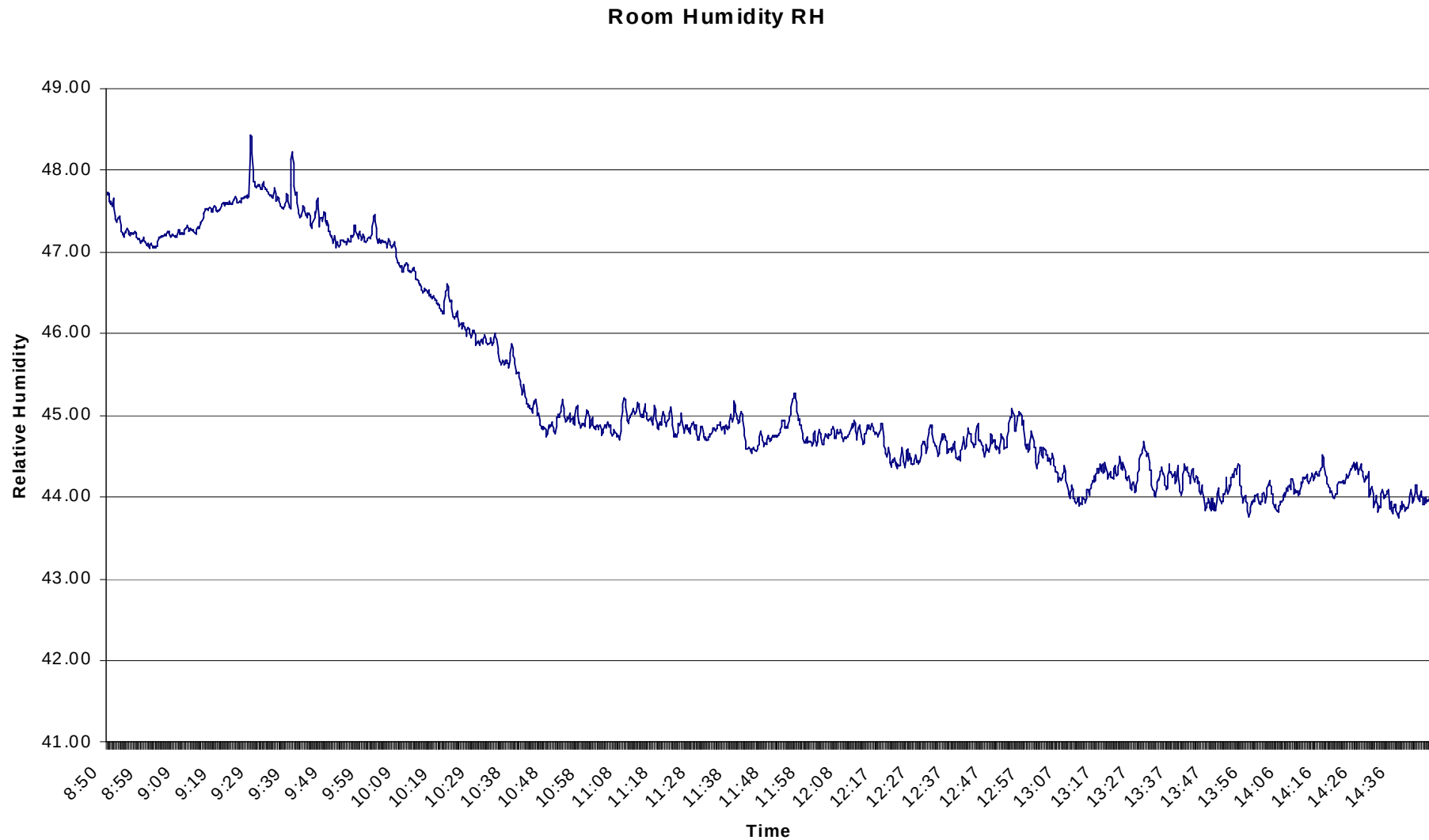
AIR VOLUME TEST CERTIFICATE

4.2.4.2 Room Temperature Data Log Collected 07/12/2000

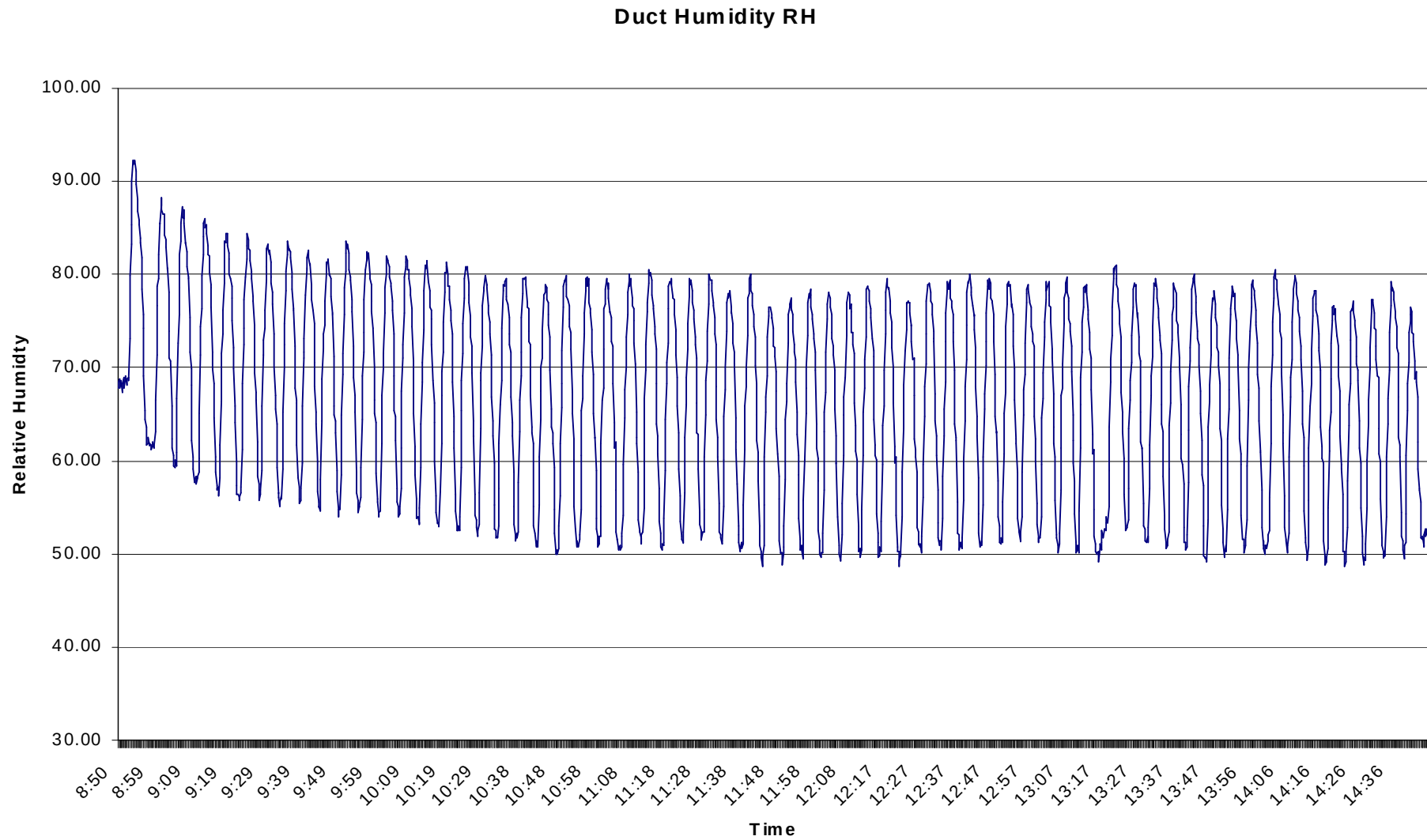
4.2.4.3 Duct Temperature Data Log Collected 07/12/2000



4.2.4.4 Room Humidity Data Log Collected 07/12/2000

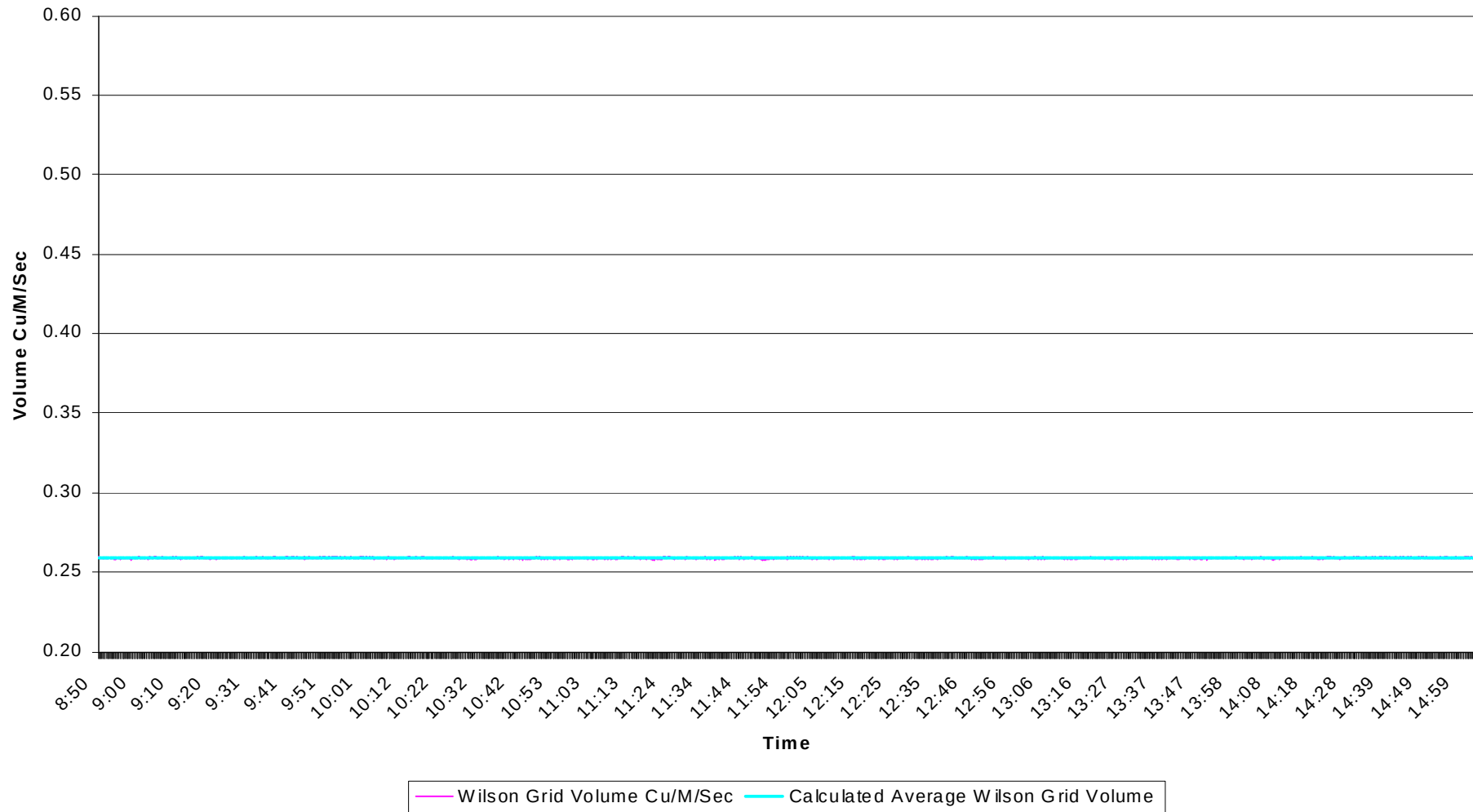


4.2.4.5 Duct Humidity Data Log Collected 07/12/2000



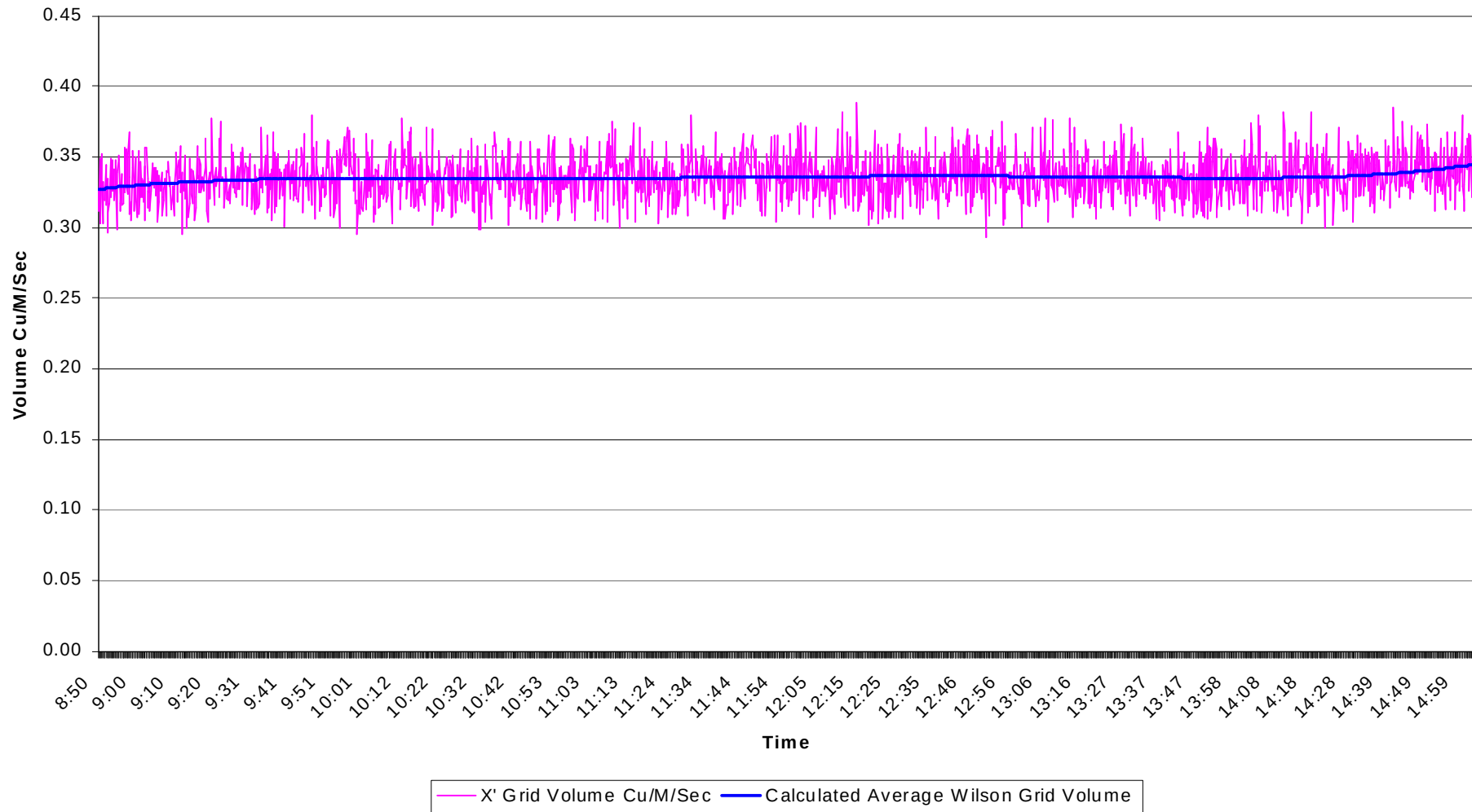
4.2.4.6 Wilson Flow Grid Volume Data Log Collected 07/12/2000

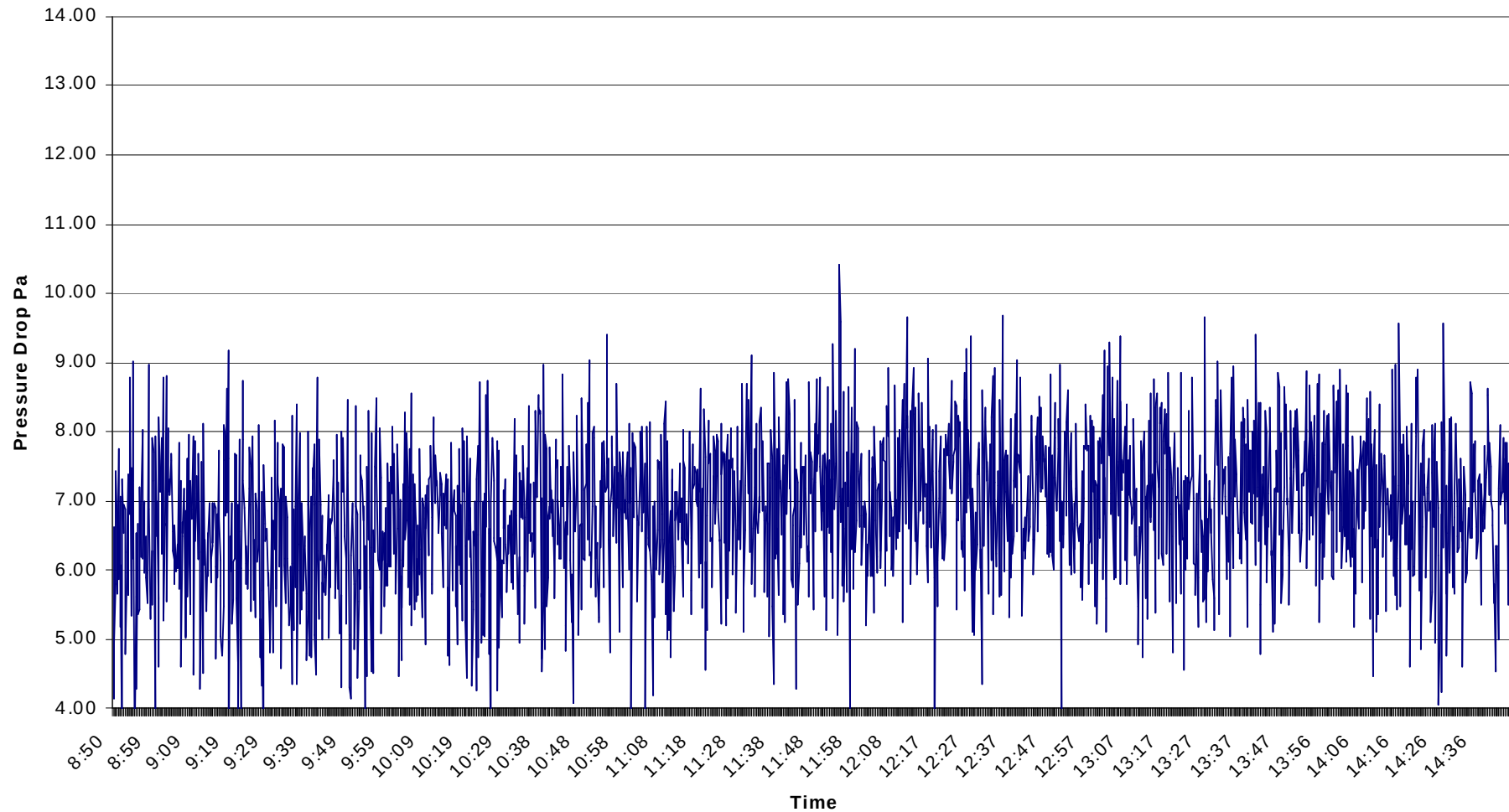
Wilson Grid - Extract Air Volume Cu/M/Sec



4.2.4.7 'X' Flow Grid Volume Data Log Collected 07/12/2000

'X' Grid - Extract Air Volume Cu/M/Sec



4.2.4.8 Sample Filter Static Pressure Data Log Collected 07/12/2000**Sample Filter No1 Pressure Drop - Pa**

4.2.5 DAILY DATA COLLECTED 08/12/2000

Grease Filter

Filter Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
1	2.260	2.265	0.005	0.2
2	2.265	2.270	0.005	0.2
3	2.260	2.270	0.010	0.4
4	2.255	2.260	0.005	0.2
Totals	9.040	9.065	0.025	0.277

Sample Filter

Filter Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
1	1.040	1.040	0.000	0.0
2				

Fries Weights

Box Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
001	15.790	11.085	-4.705	-29.8
002	15.795	9.815	-5.980	-37.9
003	15.815	10.245	-5.570	-35.2
004	15.790	11.030	-4.760	-30.1
005	15.795	10.330	-5.465	-34.6
006	15.800	9.840	-5.960	-37.7
007	15.795	11.910	-3.885	-24.6
008	15.825	10.115	-5.710	-36.1
009	15.820	10.385	-5.435	-34.4
010	15.800	8.110	-7.690	-48.7
011	15.810	9.830	-5.980	-37.8
012	15.810	10.380	-5.430	-34.3
Box Weights		0.000		
Totals	189.645	123.075	-66.570	-35.1

Misc Weights

Item	Weight Kg's
Box Weights	0.000
Oil Added	4.980
Oil Cleaned Up	0.297

Item	Weight Kg's
Bag Weights	0.420
Tissue Weights	0.420
Water Collected	0.0936

4.2.5.1 FILTER AIR VOLUME TEST CERTIFICATE - 08/12/2000

Site Location: *McDonalds Test Facility Rugby*
Readings

Verification

System Reference: *Main Canopy: Grease Filter Extract Air Volume*

Model *Hi Katch Filter*

Ref *H & K*

Length of Filter = 0.392 M

**Width of
Filter =**

0.042 M

4.09	4.31	4.40	4.13
4.10	4.18	4.46	4.19
4.16	4.47	4.27	4.15
4.42	4.60	4.30	4.09

Number of Filters = 4

Filter Area Per Filter = 0.016Sq/M 0.2Sq/Ft

Average Air Velocity Reading Per Filter = 4.270M/sec 871.4Ft/Min

Design Air Velocity Per Filter = 4.100M/sec 836.7Ft/Min

Percentage of Design Velocity Per Filter = 104.1% 104.1%

Total Air Volume Per Filter = 0.070M3/sec 166.0Cu/Ft/Min

Design Air Volume Per Filter = 0.068M3/sec 159.4Cu/Ft/Min

Percentage of Design Volume Per Filter = 104.1% 104.1%

Canopy Total Extract Air Volume = 0.281M3/sec 663.9Cu/Ft/Min

Canopy Design Air Volume = 0.270M3/sec 637.5Cu/Ft/Min

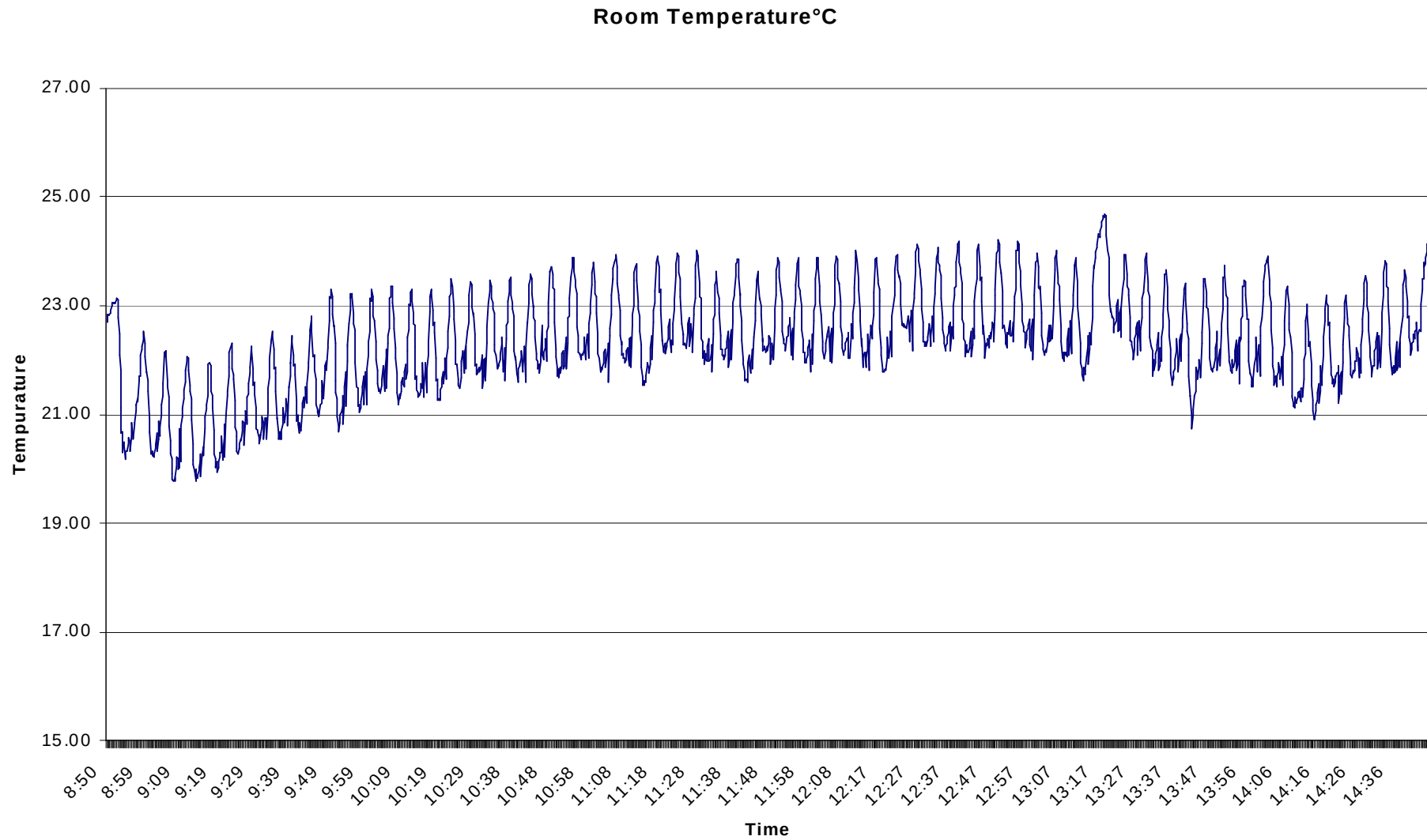
Percentage of Canopy Design Volume = 104.1% 104.1%

Engineer: G. Allum

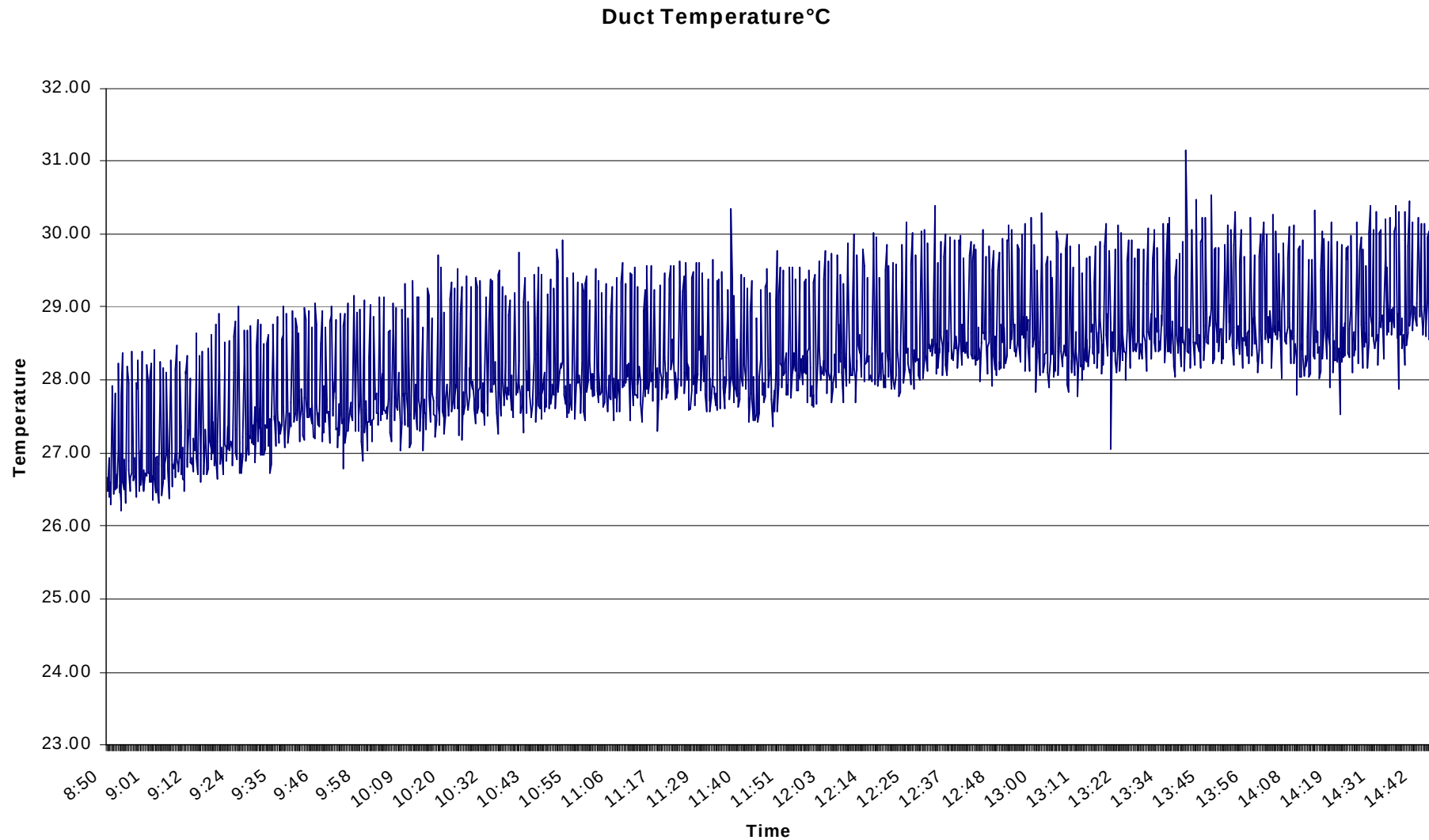
Date: 08/12/2000

Instrument: Air Flow Developments VTS 6000

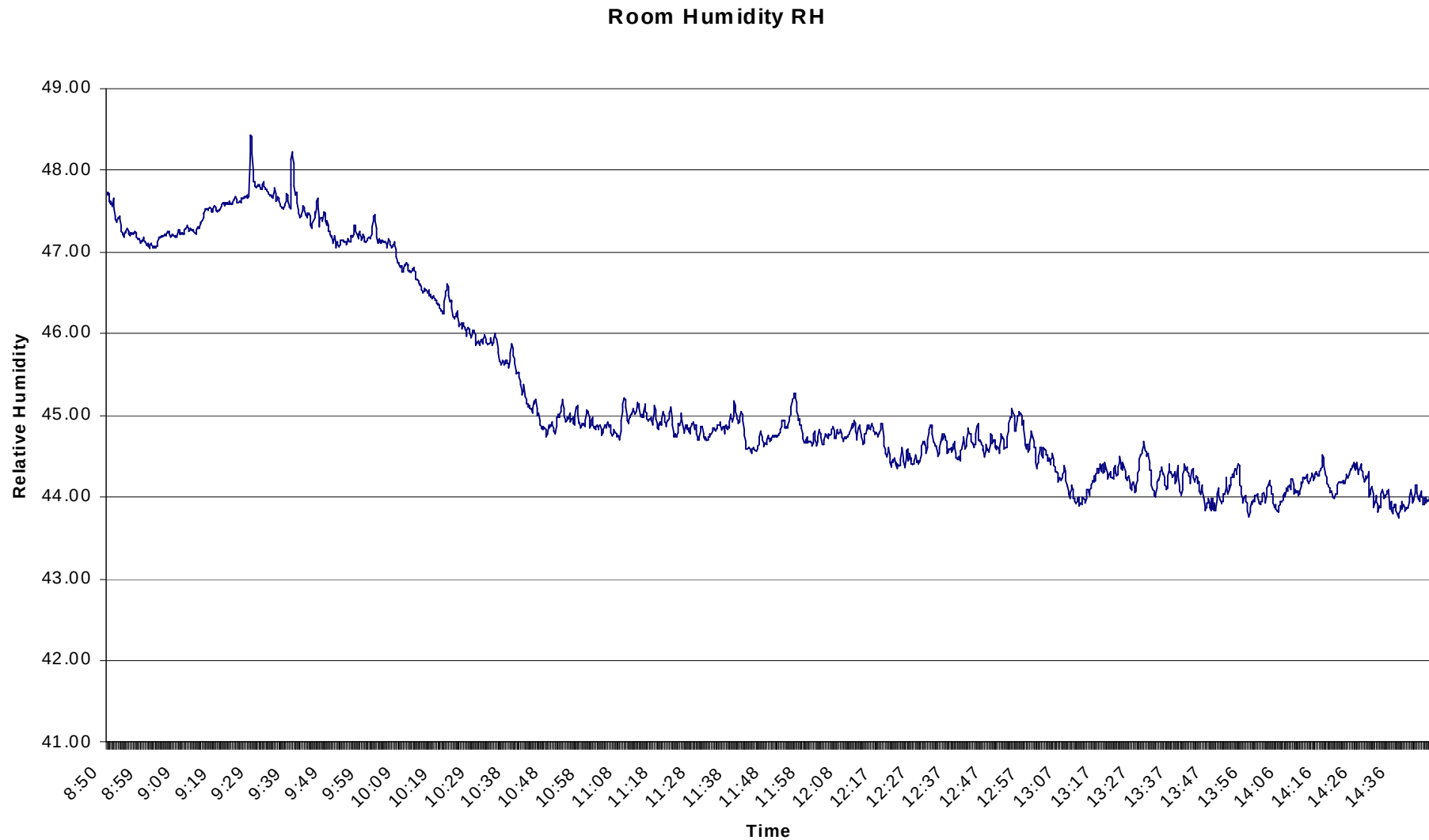
AIR VOLUME TEST CERTIFICATE

4.2.5.2 Room Temperature Data Log Collected 08/12/2000

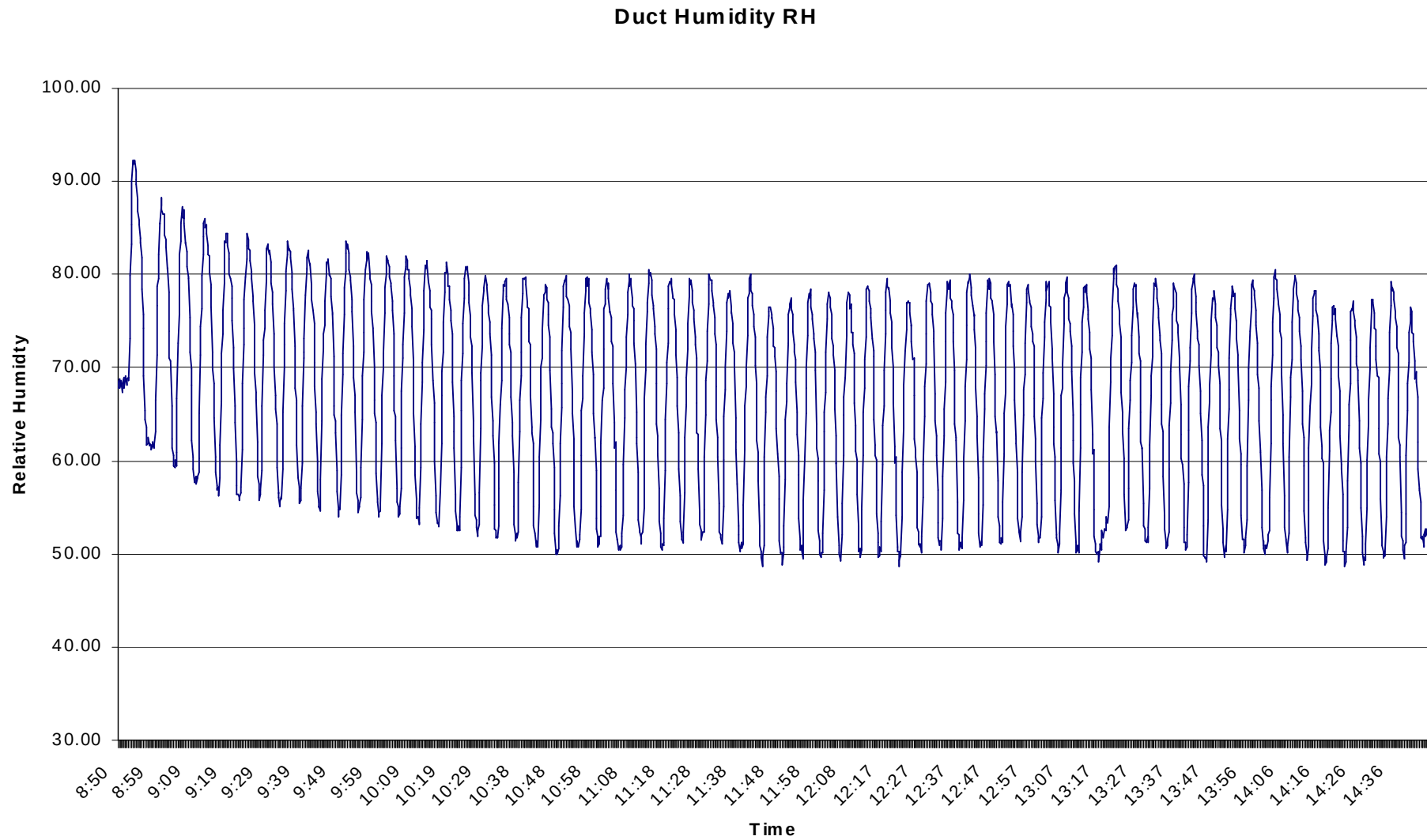
4.2.5.3 Duct Temperature Data Log Collected 08/12/2000



4.2.5.4 Room Humidity Data Log Collected 08/12/2000

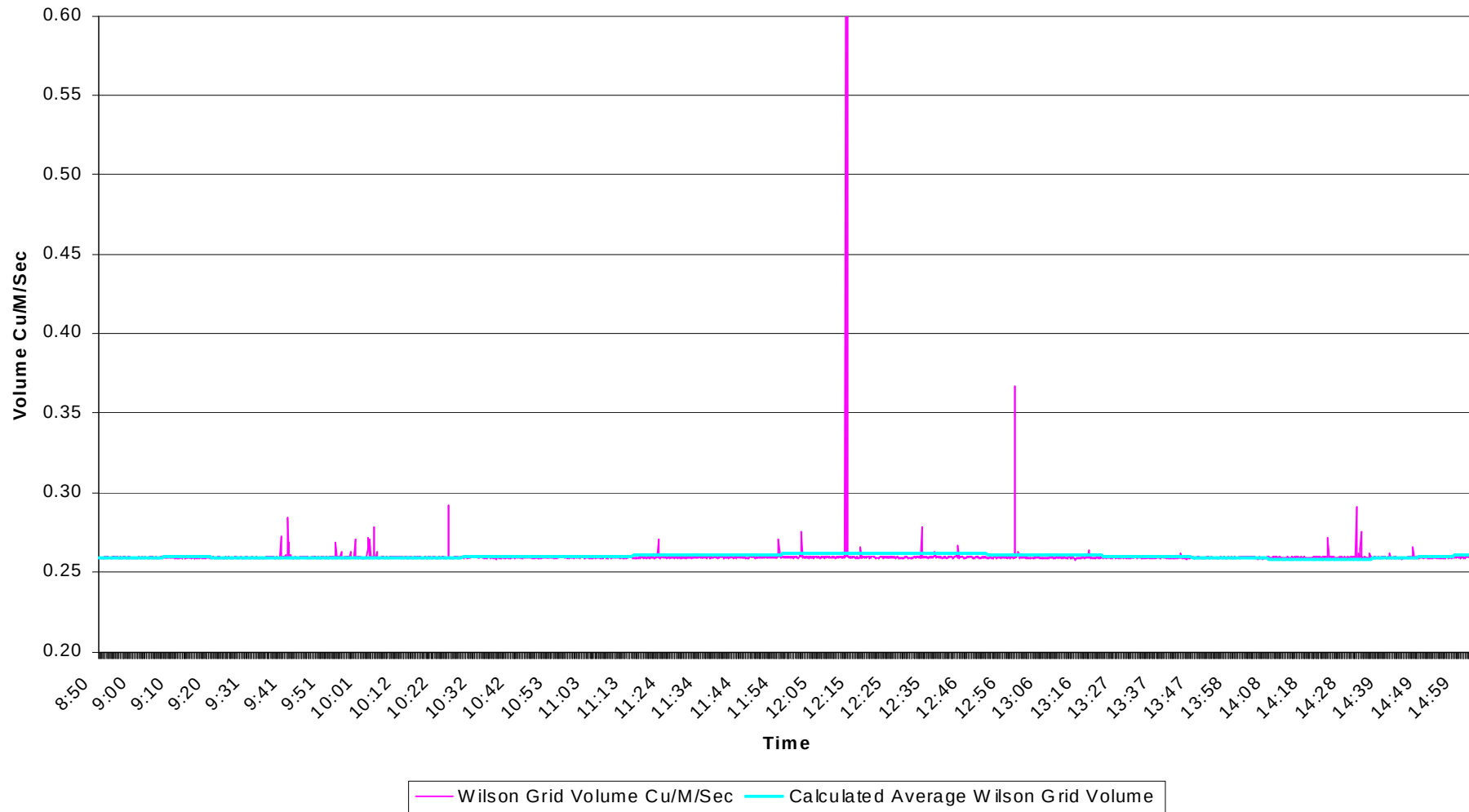


4.2.5.5 Duct Humidity Data Log Collected 08/12/2000



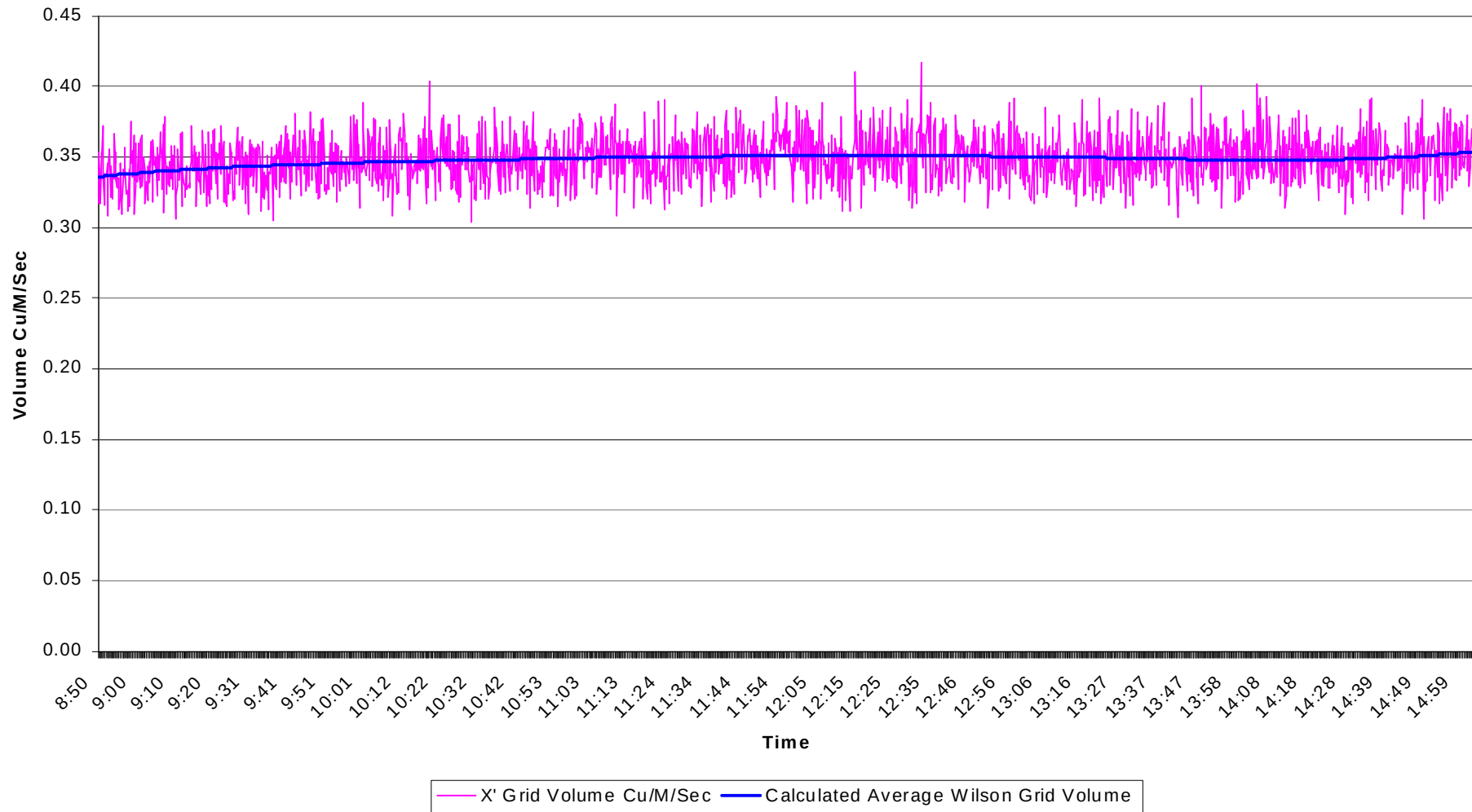
4.2.5.6 Wilson Flow Grid Volume Data Log Collected 08/12/2000

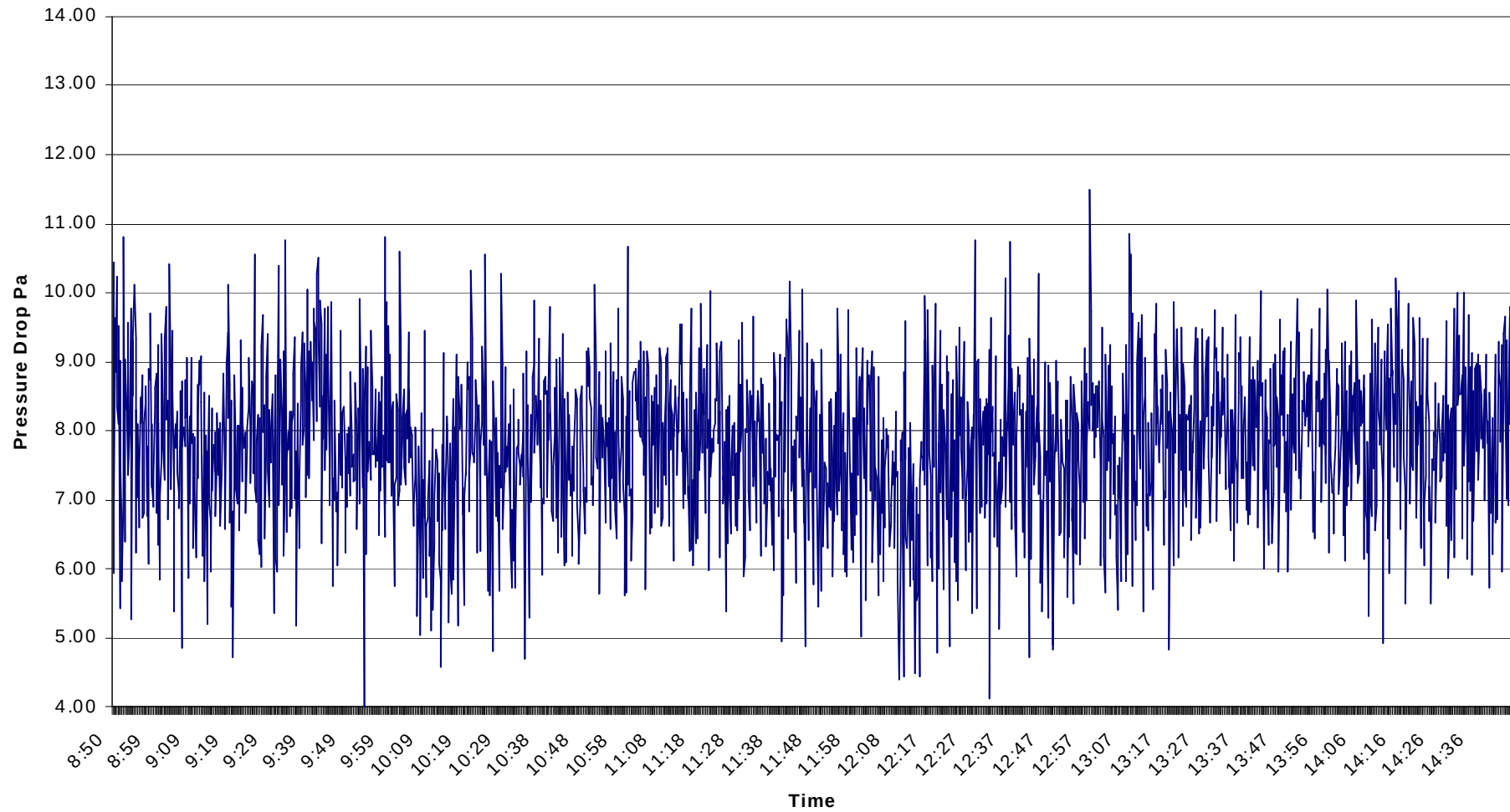
Wilson Grid - Extract Air Volume Cu/M/Sec



4.2.5.7 'X' Flow Grid Volume Data Log Collected 08/12/2000

'X' Grid - Extract Air Volume Cu/M/Sec



4.2.5.8 Sample Filter Static Pressure Data Log Collected 08/12/2000**Sample Filter No1 Pressure Drop - Pa**

4.2.6 DAILY DATA COLLECTED 11/12/2000

Grease Filter

Filter Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
1	2.255	2.255	0.000	0.0
2	2.260	2.270	0.010	0.4
3	2.265	2.270	0.005	0.2
4	2.260	2.260	0.000	0.0
Totals	9.040	9.055	0.015	0.166

Sample Filter

Filter Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
1	1.040	1.045	0.005	0.5
2				

Fries Weights

Box Number	Start Weight Kg's	Finish Weight Kg's	Kg's Change	% Change
001	15.855	10.400	-5.455	-34.4
002	15.835	10.840	-4.995	-31.5
003	15.820	9.450	-6.370	-40.3
004	15.835	10.280	-5.555	-35.1
005	15.850	8.715	-7.135	-45.0
006	15.840	11.386	-4.454	-28.1
007	15.830	10.380	-5.450	-34.4
008	15.820	10.345	-5.475	-34.6
009	15.830	10.375	-5.455	-34.5
010	15.830	11.200	-4.630	-29.2
011	15.870	10.455	-5.415	-34.1
012	15.830	10.225	-5.605	-35.4
Box Weights		0.000		
Totals	190.045	124.051	-65.994	-34.7

Misc Weights

Item	Weight Kg's
Box Weights	0.000
Oil Added	5.890
Oil Cleaned Up	0.290

Item	Weight Kg's
Bag Weights	0.420
Tissue Weights	0.510
Water Collected	0.125

4.2.6.1 FILTER AIR VOLUME TEST CERTIFICATE - 11/12/2000

Site Location: *McDonalds Test Facility Rugby*
Readings

Verification

System Reference: *Main Canopy: Grease Filter Extract Air Volume*

Model *Hi Katch Filter*

Ref *H & K*

Length of Filter = 0.392 M

**Width of
Filter =**

0.042 M

4.24	4.06	4.18	4.22
4.06	4.26	4.17	4.18
4.35	4.22	4.36	4.11
4.37	4.46	4.40	3.87

Number of Filters = 4

Filter Area Per Filter = 0.016Sq/M 0.2Sq/Ft

Average Air Velocity Reading Per Filter = 4.219M/sec 861.1Ft/Min

Design Air Velocity Per Filter = 4.100M/sec 836.7Ft/Min

Percentage of Design Velocity Per Filter = 102.9% 102.9%

Total Air Volume Per Filter = 0.069M3/sec 164.0Cu/Ft/Min

Design Air Volume Per Filter = 0.068M3/sec 159.4Cu/Ft/Min

Percentage of Design Volume Per Filter = 102.9% 102.9%

Canopy Total Extract Air Volume = 0.278M3/sec 656.1Cu/Ft/Min

Canopy Design Air Volume = 0.270M3/sec 637.5Cu/Ft/Min

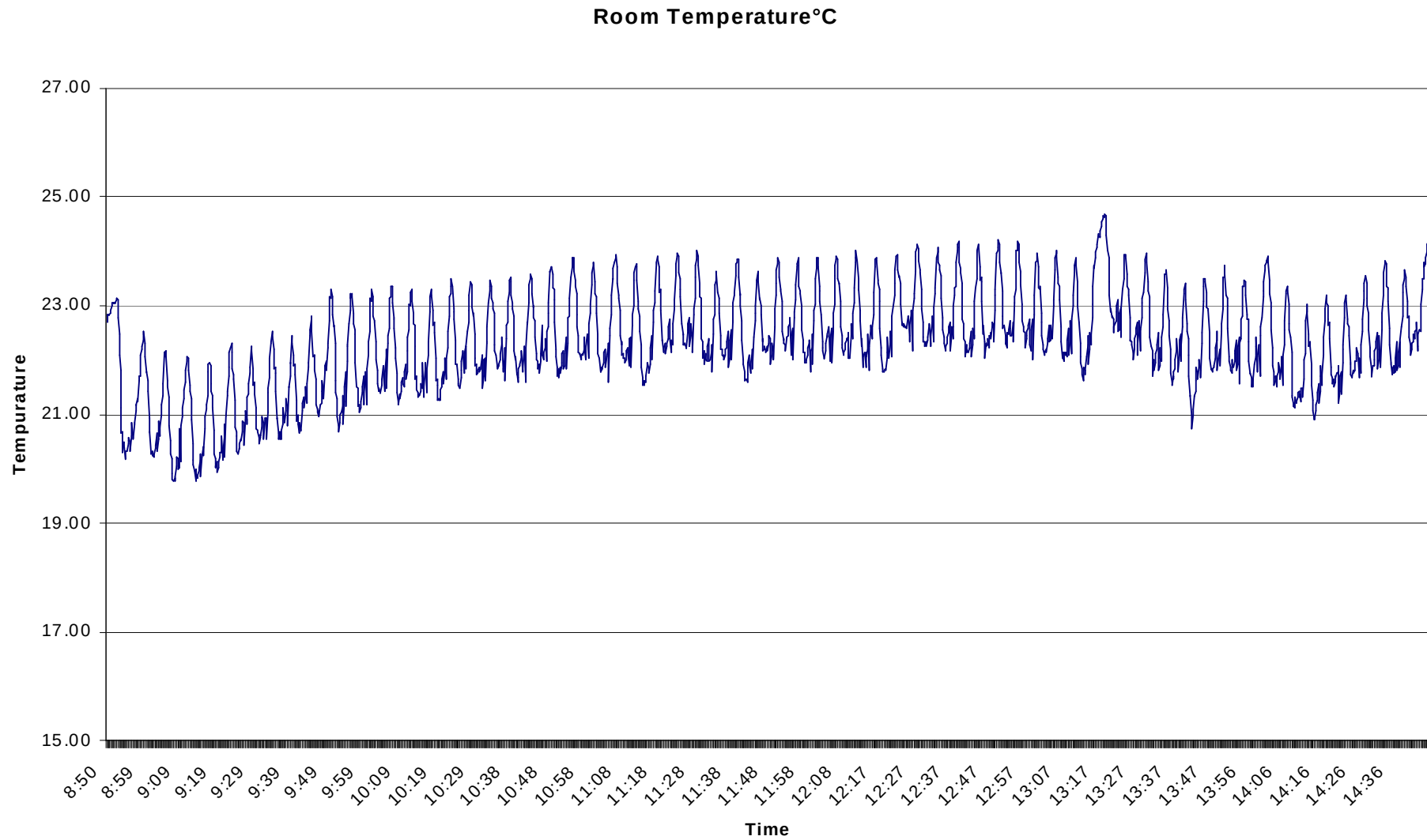
Percentage of Canopy Design Volume = 102.9% 102.9%

Engineer: G. Allum

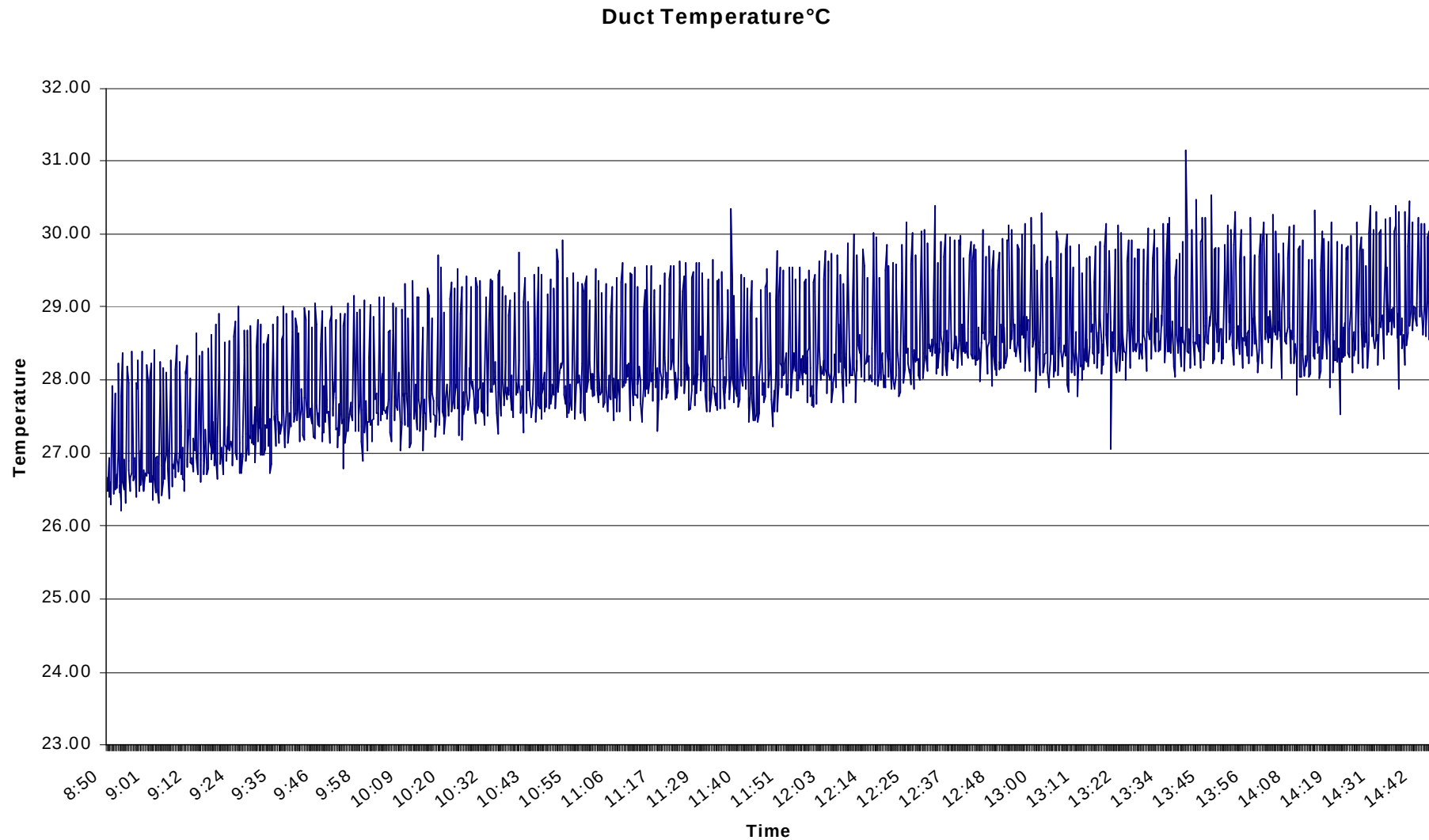
Date: 11/12/2000

Instrument: Air Flow Developments VTS 6000

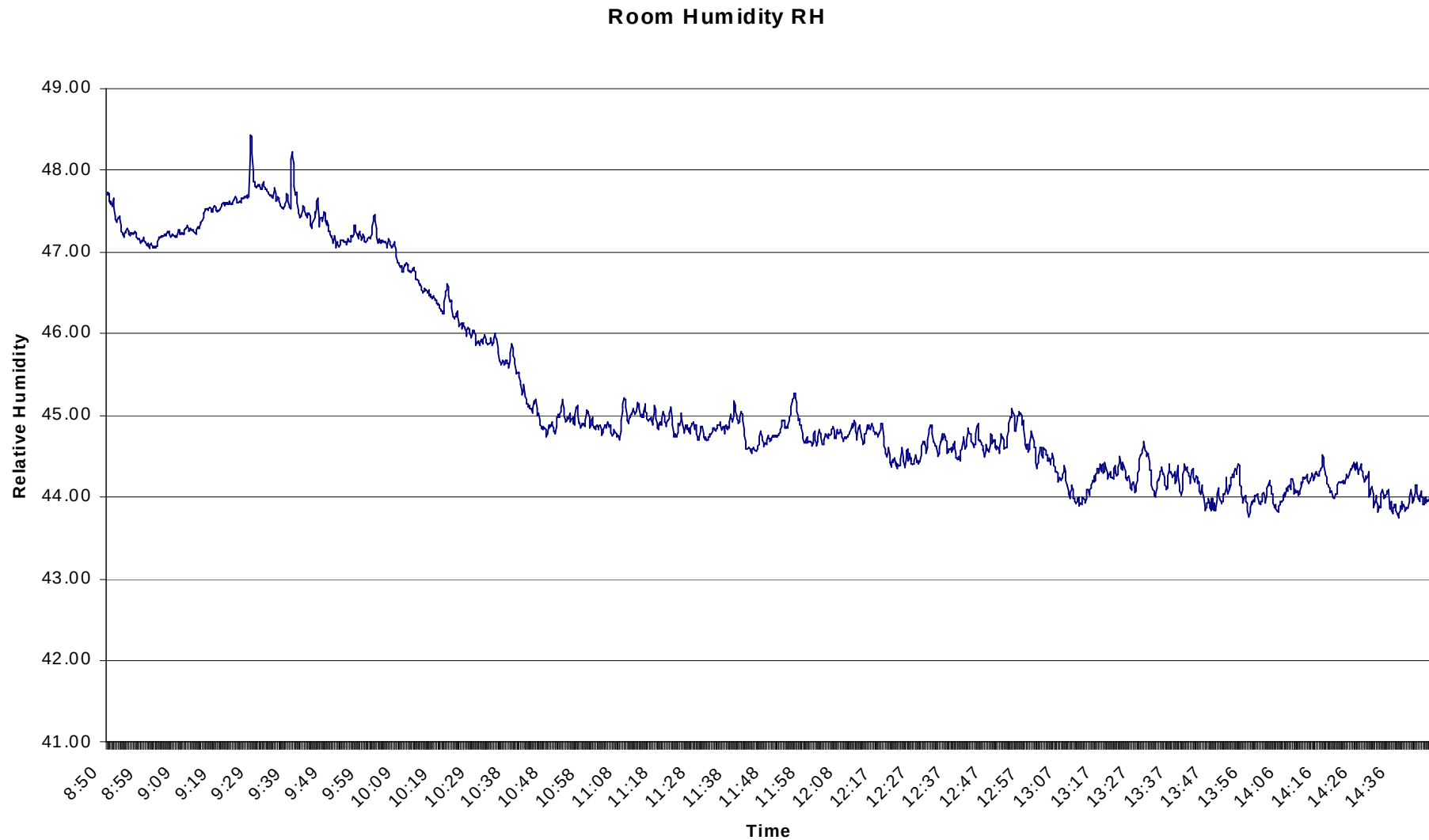
AIR VOLUME TEST CERTIFICATE

4.2.6.2 Room Temperature Data Log Collected 11/12/2000

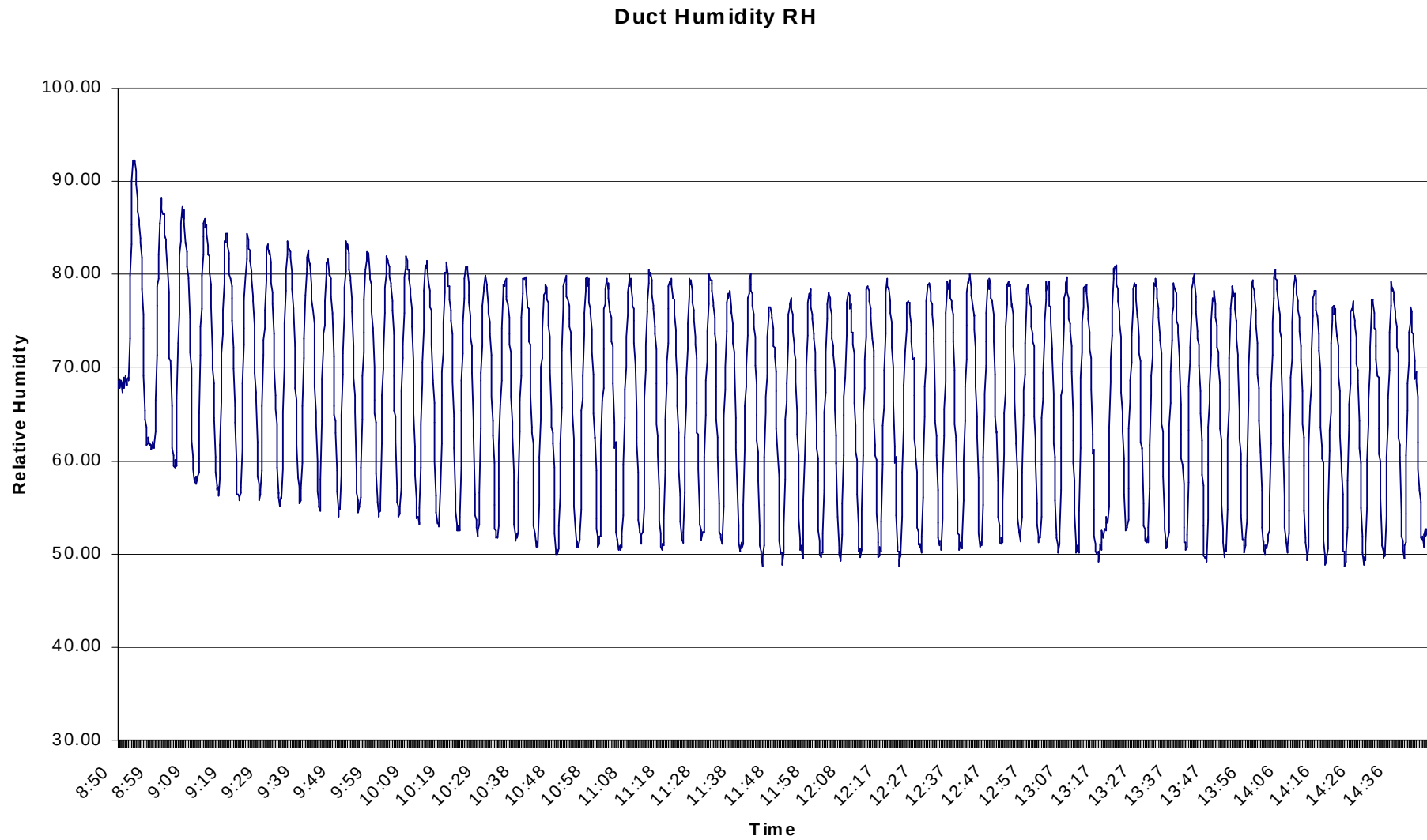
4.2.6.3 Duct Temperature Data Log Collected 11/12/2000



4.2.6.4 Room Humidity Data Log Collected 11/12/2000

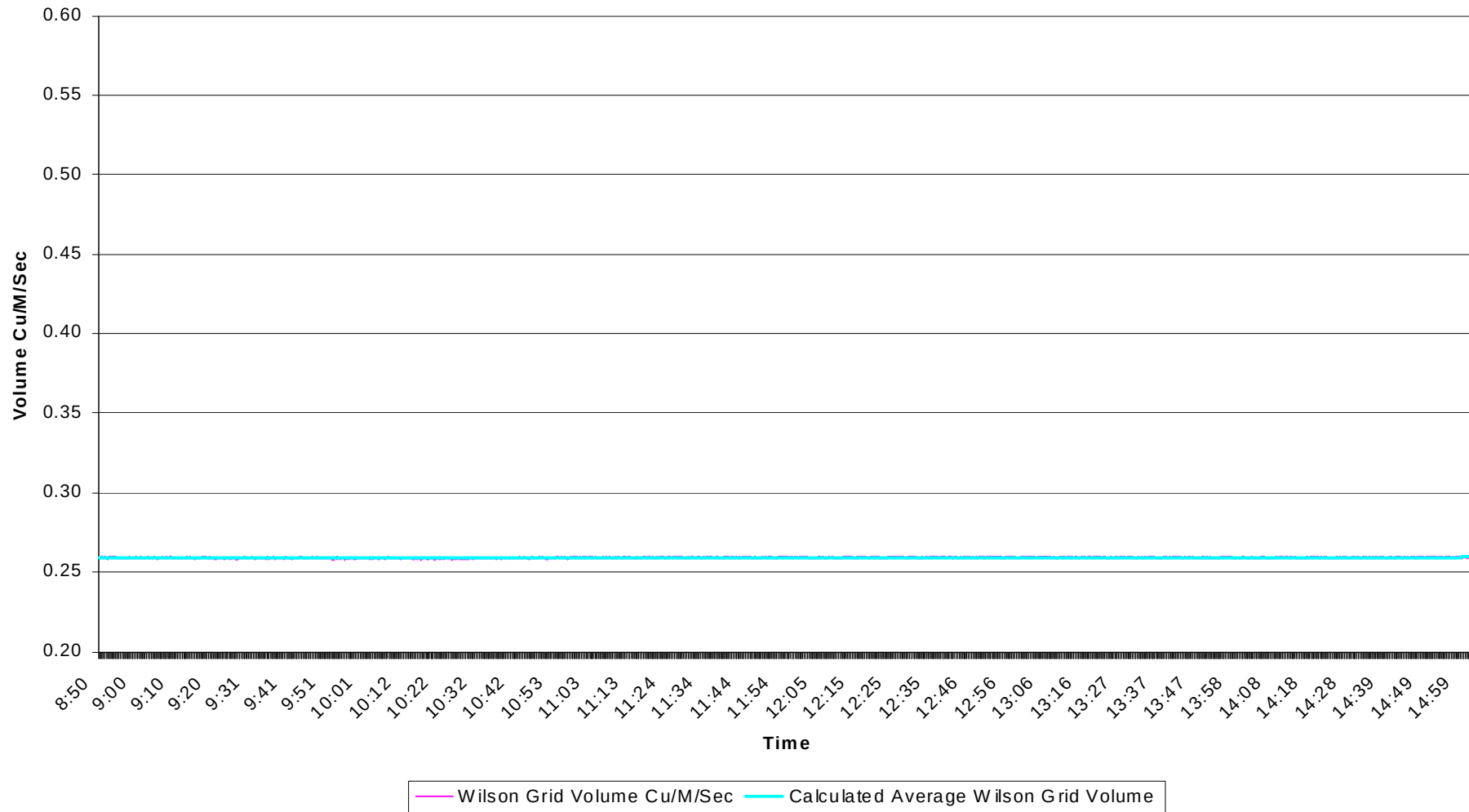


4.2.6.5 Duct Humidity Data Log Collected 11/12/2000



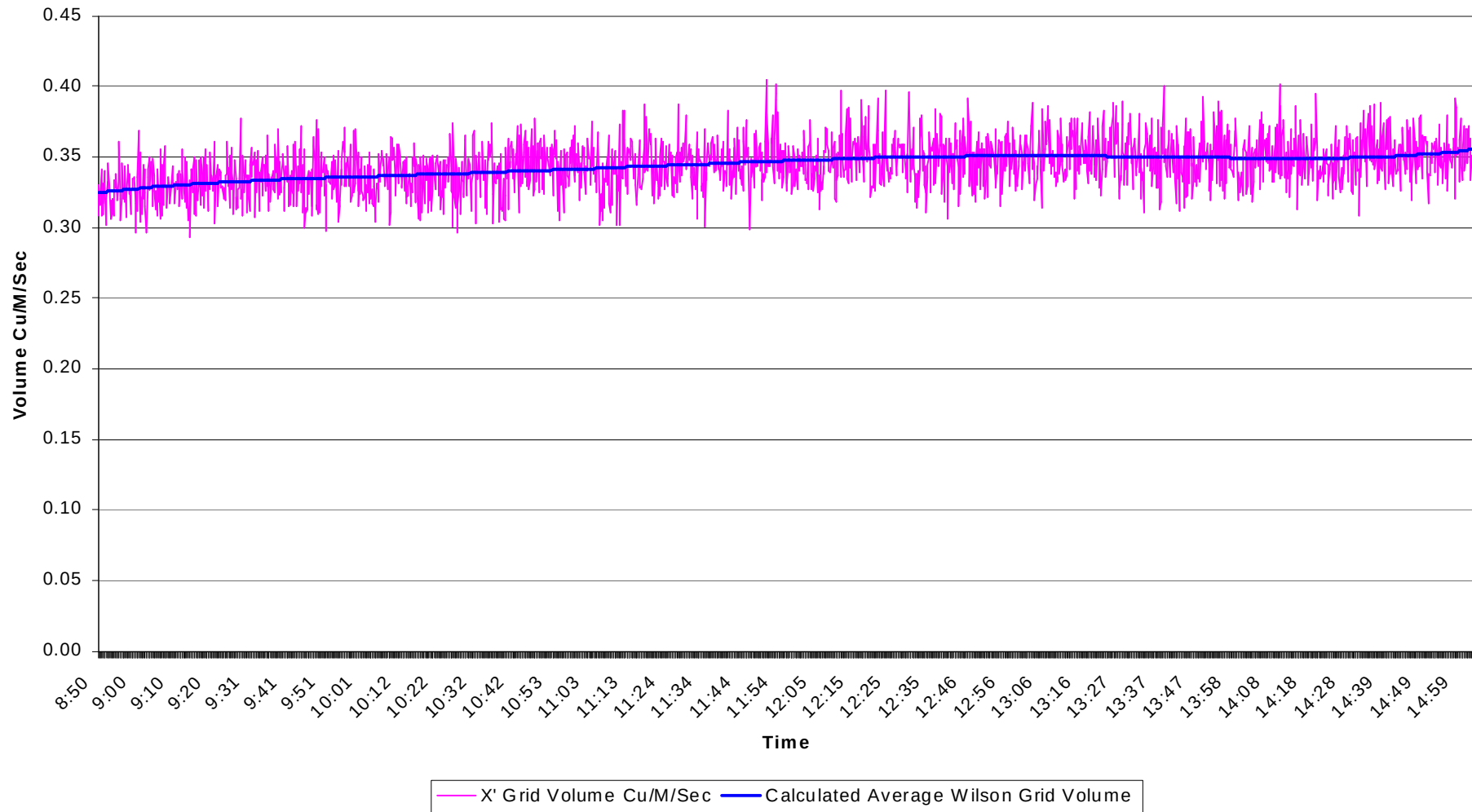
4.2.6.6 Wilson Flow Grid Volume Data Log Collected 11/12/2000

Wilson Grid - Extract Air Volume Cu/M/Sec



4.2.6.7 'X' Flow Grid Volume Data Log Collected 11/12/2000

'X' Grid - Extract Air Volume Cu/M/Sec



4.2.6.8 Sample Filter Static Pressure Data Log Collected 11/12/2000**Sample Filter No1 Pressure Drop - Pa**