

HRV AIRFLOW ADJUSTMENTS

W-4A
line #

1. EQUIPMENT

Make: _____
Model: _____

2. LOW TEMPERATURE CORRECTION

Job Location: _____

Temperature Zone (note 1) _____

401

Low Temperature Ventilation Reduction (note 2) _____

402

Low Temperature Adjustment Factor (note 3) _____

403

x times

Total Ventilation Capacity (TVC from W-2) _____ cfm

404

= equals

Low Temperature Corrected Ventilation Rate _____ cfm

405

Notes:

1. From map in the "Tables and Charts" section of the HRAI ventilation manual
2. Lowest of supply or exhaust from HRV/ERV manufacturer spec sheet
3. From table in the "Tables and Charts" section of the HRAI ventilation manual

3. AIRFLOW ADJUSTMENT FACTOR

Design Gross Supply Airflow (note 1) _____ cfm

406

- minus

Net Supply Airflow _____ cfm

407

+ plus

Low Temperature Corrected Ventilation Rate (405) _____ cfm

408

= equals

Adjusted Design Gross Supply Airflow _____ cfm

407

Adjusted Design Gross Supply Airflow (407) _____ cfm

408

÷ divide by

Total Ventilation Capacity (404) _____ cfm

409

= equals

Airflow Adjustment Factor _____

408

Notes:

- 1) The GROSS SUPPLY AIRFLOW from HRV/ERV manufacturer spec sheet which corresponds to the lowest NET SUPPLY AIRFLOW that meets or exceeds the corresponding corrected ventilation rate from line 405

Prepared By:	HRAI #:	Location:
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