

## HRV AIRFLOW ADJUSTMENTS

**W-4A**

line #

### 1. EQUIPMENT

Make: \_\_\_\_\_

Model: \_\_\_\_\_

### 2. LOW TEMPERATURE CORRECTION

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

**+ plus**

Low Temperature Corrected Ventilation Rate (405) \_\_\_\_\_ cfm

**= equals**

**Adjusted Design Gross Supply Airflow** \_\_\_\_\_ **cfm** 406A

Adjusted Design Gross Supply Airflow (406A) \_\_\_\_\_ cfm

**÷ divide by**

Total Ventilation Capacity (404) \_\_\_\_\_ cfm

**= equals**

**Airflow Adjustment Factor** \_\_\_\_\_ 407

**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

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