

# **HVI-Certified Performance Report**





# Model number: CA200 ERV Brand name: Zehnder For: Zehnder America 8 Merrill Industrial Drive, Suite 1, Hampton, NH 03842

has been tested in accordance with HVI Publication 920<sup>©</sup> (02/2024) for the performance rating of Energy Recovery Ventilators (ERV) and, as of the date shown below, was certified by the Home Ventilating Institute to meet the following product performance ratings:

| Temp<br>Mode | Supply<br>Temp<br>(C) | Supply<br>Temp<br>(F) |    | Net<br>Airflow<br>(cfm) | Power<br>Consumed<br>(watts) | Efficacy<br>(L/s/W) | Efficacy<br>(cfm/W) | SRE | ASRE | NMT  | TRE | ATRE | LTVR<br>Supply | LTVR<br>Exhaust | LTAI |
|--------------|-----------------------|-----------------------|----|-------------------------|------------------------------|---------------------|---------------------|-----|------|------|-----|------|----------------|-----------------|------|
| HEATING      | 0                     | 32                    | 30 | 64                      | 30                           | 1.00                | 2.1                 | 82  | 86   | 0.71 |     |      |                |                 |      |
| HEATING      | 0                     | 32                    | 39 | 83                      | 42                           | 0.92                | 1.9                 | 78  | 82   | 0.75 |     |      |                |                 |      |
| HEATING      | 0                     | 32                    | 50 | 106                     | 60                           | 0.83                | 1.7                 | 75  | 79   | 0.61 |     |      |                |                 |      |
| COOLING      | 35                    | 95                    | 30 | 64                      | 32                           | 0.93                | 2.0                 |     |      | 0.64 | 66  | 68   |                |                 |      |

| External<br>Static<br>Pressure<br>(Pa) | External<br>Static<br>Pressure<br>(in) | Net<br>Supply<br>Airflow<br>(L/s) | Net<br>Supply<br>Airflow<br>(cfm) | Gross<br>Airflow<br>Supply<br>(L/s) | Gross<br>Airflow<br>Supply<br>(cfm) | Gross<br>Airflow<br>Exhaust<br>(L/s) | Gross<br>Airflow<br>Exhaust<br>(cfm) |
|--|--|-----------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|
| 25                                     | 0.1                                    | 86                                | 182                               | 89                                  | 189                                 | 67                                   | 142                                  |
| 50                                     | 0.2                                    | 84                                | 178                               | 87                                  | 184                                 | 64                                   | 136                                  |
| 75                                     | 0.3                                    | 82                                | 174                               | 85                                  | 180                                 | 61                                   | 129                                  |
| 100                                    | 0.4                                    | 79                                | 167                               | 82                                  | 174                                 | 58                                   | 123                                  |
| 125                                    | 0.5                                    | 77                                | 163                               | 79                                  | 167                                 | 55                                   | 117                                  |
| 150                                    | 0.6                                    | 74                                | 157                               | 76                                  | 161                                 | 52                                   | 110                                  |
| 175                                    | 0.7                                    | 71                                | 150                               | 73                                  | 155                                 | 48                                   | 102                                  |
| 200                                    | 0.8                                    | 67                                | 142                               | 69                                  | 146                                 | 45                                   | 95                                   |
| 225                                    | 0.9                                    | 63                                | 133                               | 65                                  | 138                                 | 41                                   | 87                                   |
| 250                                    | 1.0                                    | 59                                | 125                               | 61                                  | 129 🗸                               | 37                                   | 78                                   |
| 275                                    | 1.1                                    | 54                                | 114                               | 56                                  | 119                                 | 33                                   | 70                                   |
| 300                                    | 1.2                                    | 50                                | 106                               | 51                                  | 108                                 | 28                                   | 59                                   |

\*This certificate is only valid while the product remains qualified. A product may be disqualified at any time. This certificate is valid only for the particular combination of ratings listed in the most recent edition of HVI Publication 911: Certified Home Ventilating Products Directory<sup>®</sup>. Visit hvicertified.org to verify that this combination is an active listing and the data listed on this certificate are accurate. Search on the HVI reference number to quickly locate this ratings combination online.

NOT LISTED=NOT CERTIFIED

# HVI Reference Number: 2005162 Certification Date: 05-24-2024\*

Today's Date: 07/03/2024 Product Status: Active

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Attested by:

Jacki Donner

CEO

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