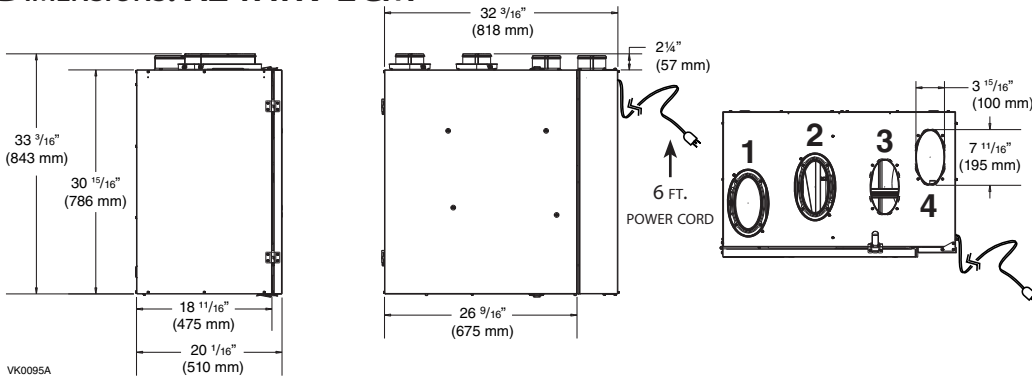


DIMENSIONS: X24HRV ECM



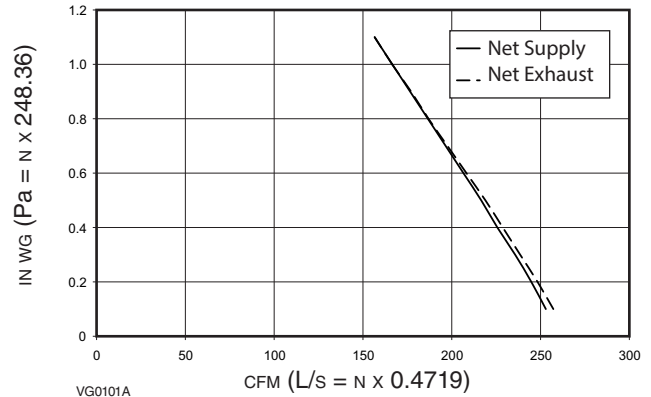
NOTE: ALL UNITS PORTS WERE CREATED TO BE CONNECTED TO DUCTS HAVING A MINIMUM OF 6" DIAMETER, BUT IF NEEDED, THEY CAN BE CONNECTED TO BIGGER SIZED DUCTS BY USING AN APPROPRIATE TRANSITION (E.G.: 6" DIAMETER TO 7" DIAMETER TRANSITION).

- 1: EXHAUST AIR TO OUTSIDE PORT
- 2: FRESH AIR FROM OUTSIDE PORT
- 3: EXHAUST AIR FROM BUILDING PORT
- 4: FRESH AIR TO BUILDING PORT

VENTILATION PERFORMANCE

| EXTERNAL STATIC PRESSURE | NET SUPPLY AIR FLOW | GROSS AIR FLOW | | | | | | | | |
|--------------------------|---------------------|----------------|-----|-------------------|---------|-----|-------------------|-----|-----|-------------------|
| | | SUPPLY | | | EXHAUST | | | | | |
| PA | IN. W.G. | L/S | CFM | M ³ /H | L/S | CFM | M ³ /H | L/S | CFM | M ³ /H |
| 25 | 0.1 | 119 | 253 | 430 | 120 | 255 | 433 | 121 | 257 | 437 |
| 50 | 0.2 | 116 | 245 | 416 | 116 | 246 | 418 | 117 | 248 | 421 |
| 75 | 0.3 | 111 | 236 | 401 | 112 | 237 | 403 | 113 | 239 | 406 |
| 100 | 0.4 | 107 | 226 | 384 | 107 | 228 | 387 | 108 | 229 | 389 |
| 125 | 0.5 | 102 | 217 | 369 | 103 | 217 | 369 | 103 | 219 | 372 |
| 150 | 0.6 | 97 | 207 | 352 | 98 | 207 | 352 | 98 | 208 | 353 |
| 175 | 0.7 | 93 | 197 | 335 | 93 | 197 | 335 | 93 | 198 | 336 |
| 200 | 0.8 | 88 | 187 | 318 | 88 | 187 | 318 | 88 | 187 | 318 |
| 225 | 0.9 | 83 | 177 | 301 | 84 | 177 | 301 | 84 | 177 | 301 |
| 250 | 1.0 | 79 | 167 | 284 | 79 | 167 | 284 | 79 | 166 | 282 |
| 275 | 1.1 | 74 | 157 | 267 | 74 | 157 | 267 | 74 | 157 | 267 |

FAN CURVE ACCORDING TO SPEED



FULLY ADJUSTABLE SPEED RANGE FROM 50 CFM TO MAXIMUM SPEED.

ENERGY PERFORMANCE

| SUPPLY TEMPERATURE | | NET AIR FLOW | | | POWER CONSUMED WATTS | SENSIBLE RECOVERY EFFICIENCY | APPARENT SENSIBLE EFFECTIVENESS | LATENT RECOVERY/MOISTURE TRANSFER |
|--------------------|-----|--------------|-----|-------------------|----------------------|------------------------------|---------------------------------|-----------------------------------|
| °C | °F | L/S | CFM | M ³ /H | | | | |
| HEATING | | | | | | | | |
| 0 | 32 | 30 | 64 | 109 | 19 | 81 | 85 | 0 |
| 0 | 32 | 47 | 100 | 170 | 27 | 75 | 80 | 0 |
| 0 | 32 | 66 | 140 | 238 | 47 | 70 | 75 | 0 |
| -25 | -13 | 30 | 64 | 109 | 29 | 73 | 88 | 0 |
| -25 | -13 | 46 | 98 | 167 | 37 | 68 | 83 | 0 |

NOTE: All specifications are subject to change without notice.

SPECIFICATIONS

- Model: X24HRV ECM
- Part Number: X24HRVE
- Total Assembled Weight (including polymerized paper core): 82 lb. (37.3 kg)
- Oval shaped ports; fit 6" round ducts
- Drains: 1/2" (1.2 cm) fittings with 10 ft. (3m) PVC drain
- Core Filters: 2 washable Merv 6 filters
- Housing: Pre-painted steel
- Optional HEPA Filter
- Insulation: Expanded polystyrene
- Mounting: Suspension by chains and springs or wall bracket system
- Supply and Exhaust Blower Motors:
 - 2 German-made ECM motors
 - Protection type: Thermally protected
- X-Touch wall control offering 5 manual modes: Recirculation, 20 MIN/H, Continuous Smart and Turbo
- Heat Recovery Core:
 - Dimensions: 12" X 12" X 16.6" (30.5 cm X 30.5 cm X 42.2 cm)
 - Exchange surface: 175 ft.² (16.3 m²)
 - Weight: 12 lb. (5.5 kg)
 - Type: Crossflow
 - Material: Polypropylene
 - Warranty: Limited lifetime
- Unit Electrical Characteristics:

| | | | |
|-------|-----------|------|-------|
| Volts | Frequency | Amps | Watts |
| 120 | 60 Hz | 2.2 | 135 |

| Project: | REMARKS |
|-------------------|---------|
| Location: | |
| Part no.: X24HRVE | |
| Qty.: | |
| Submitted by: | Date: |



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X24HRVECMd170111