



# Heat Exchanger - Indoor

## Air to Air

### **COSMOTEC MISSION...**

is to be the premier provider of energy efficient thermal management products for industrial applications.

**2015**

## Indoor Air to Air

### Indoor Air to Air Heat Exchangers

#### Design Features

- Large Capacity Range
- Patented Compact, Counterflow Aluminum Core
- High Efficiency, Low Pressure Drop Design
- Internal / External Mounting Capabilities
- Filterless Design
- Rugged Mild-Steel Construction for Industrial Applications
- UL Listed Units for Design Simplicity
- Threaded Inserts for Lifting Eyes on all Models
- Mounting Hardware, Gasketing and User Manuals Provided
- Full-Size Mounting Template Provided



#### Industry Standards

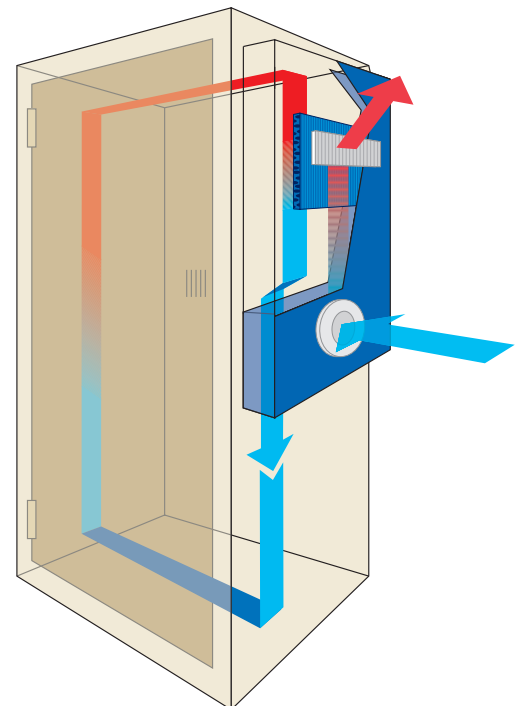
- UL Listed (File # E194435)  
- Indoor: Nema 12

#### Industries Served

- Industrial & Process Automation
- Packaging and Logistical Systems
- Energy (Solar, Wind, Water and Petrochemical)
- Telecommunications
- Water / Wastewater Systems
- Defense Systems

#### Product Attributes

- 4 Sizes of Heat Exchangers
- Large Capacity range: 16 - 80 W/C ; 9 - 45 W/F
- Voltage Options: 115VAC, 230VAC
- Operating Temperature: 5°C / 23°F to 55°C / 131°F
- All Models Powder Coated RAL 7035; Light Gray / Semi Textured
- All Units Functionally Tested Before Shipment



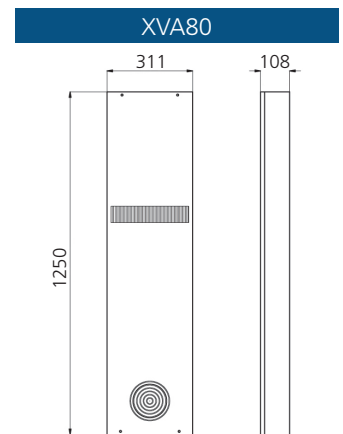
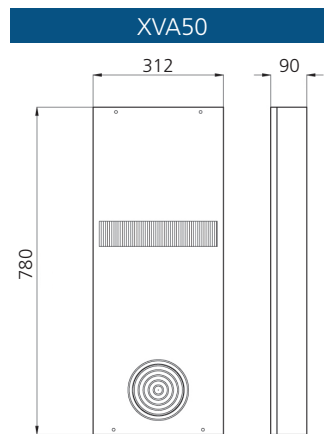
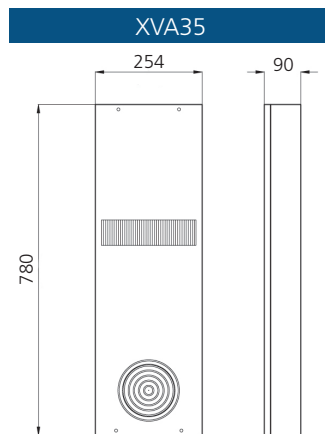
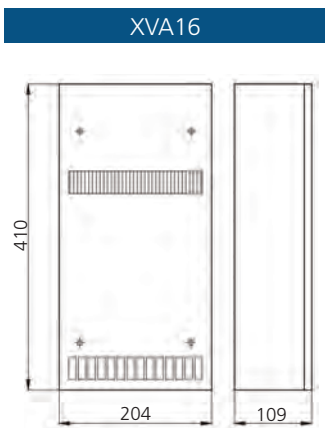
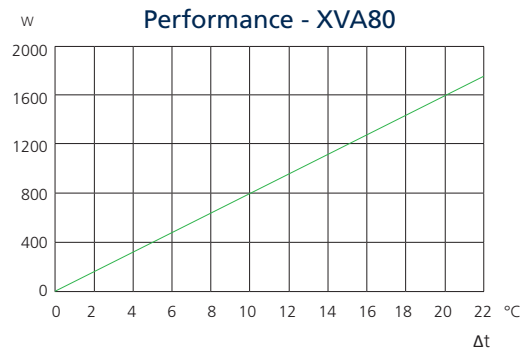
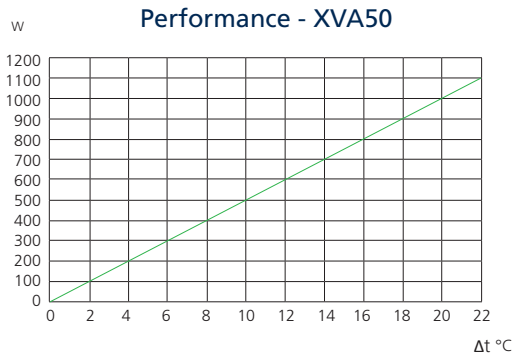
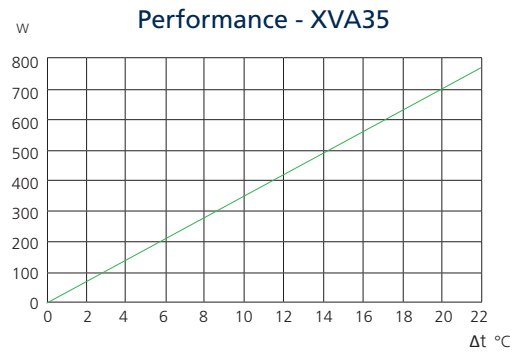
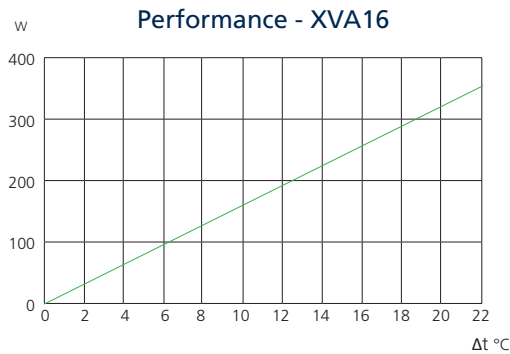
# Indoor Heat Exchangers - Air to Air

|   | XVA16               | XVA35               |            | XVA50                |            | XVA80                |            |
|---|---------------------|---------------------|------------|----------------------|------------|----------------------|------------|
| Specification                                 | XVA16U1303          | XVA35U1303          | XVA35U1320 | XVA50U1303           | XVA50U1320 | XVA80U1303           | XVA80U1320 |
| Power Supply - V-Ph-Hz                        | 115-1-60            | 115-1-60            | 230-1-60   | 115-1-60             | 230-1-60   | 115-1-60             | 230-1-60   |
| Specific Heat Transmission - W (°C)           | 16                  | 35                  |            | 50                   |            | 80                   |            |
| Specific Heat Transmission - W (°F)           | 9                   | 20                  |            | 28                   |            | 45                   |            |
| Height/Width/Depth - mm                       | 410 x 204 x 109     | 780 x 254 x 90      |            | 780 x 312 x 90       |            | 1250 x 311 x 108     |            |
| Height/Width/Depth - in                       | 16.14 x 8.03 x 4.29 | 30.71 x 9.99 x 3.54 |            | 30.71 x 12.28 x 3.54 |            | 49.21 x 12.24 x 4.25 |            |
| Absorbed Current - A                          | 0.6                 | 1.1                 | 0.8        | 1.4                  | 0.8        | 2.3                  | 1.3        |
| Power Consumption - W                         | 40                  | 180                 | 150        | 180                  | 150        | 230                  | 180        |
| Air Flow (free air) - m <sup>3</sup> /h (CFM) | 100 (58.9)          | 575 (339)           |            | 575 (339)            |            | 860 (507)            |            |
| Ambient Temperature Limits - °F               | 23° / +131°         | 23° / +131°         |            | 23° / +131°          |            | 23° / +131°          |            |
| Protection Level - Type                       | 12                  | 12                  |            | 12                   |            | 12                   |            |
| Noise Level - dB(A)                           | 58                  | 76                  |            | 76                   |            | 76                   |            |
| Weight - kg (lbs)                             | 4.6 (10.1)          | 7.5 (16.5)          |            | 9.5 (21)             |            | 20 (44.1)            |            |

## Optional

HEX Stainless Steel Sizes (OCAXI01, OCAXI02, OCAXI03)

HEX Special Color Sizes (OCAXNS01, OCAXNS03, OCAXNS06)



• Measurements shown in mm (refer to above tables for in.)

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