

Indoor and Outdoor Air Conditioners from 380 W to 5,950 W

PROTHERM

The redesign of this global leading air conditioner combines a long history of superior performance with industry leading features and benefits. The Cosmotec Protherm Indoor / Outdoor Air Conditioners are the perfect tool to manage any industrial thermal management challenge that you face.




Outdoor Corrosion Packages Standard

All outdoor units come with our condensing coils protected against harsh environments. Our coils are coated with a nano-technology epoxy or a cataphoresis treatment. In addition, all of our Stainless Steel offering now includes corrosion protection for all of the condensing side plumbing. This treatment includes a high performance polyester coating that delivers exceptional performance.

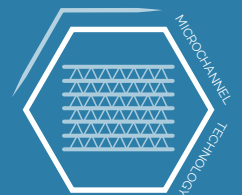
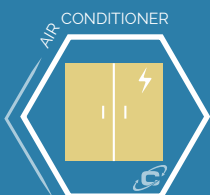
On-Site Service / 12 Month Warranty

Things happen, and if they do, we want you to be assured that we will be there to assist. If a problem should arise within our industry leading warranty period, our factory trained technicians will work to solve your concerns as quickly and efficiently as possible, even if that requires a visit to your site. Our goal is your complete satisfaction.

All CVE/CVO units are 

DESIGN FEATURES

- Digital Controller
- Smart Energy Management
- Sequencing Capabilities
- MODBUS Communication Onboard
- Self-Cleaning μ -channel condenser coil
- Passive Condensate Management
- Alarm Outputs
- Low Ambient (-40°F to 131°F) Package on all Outdoor Models
- Remote Door Switch Capable
- Threaded Inserts for Lifting Eyes
- Simplified Mounting Design for installation
- Remote Display for Outdoor Units



| Protherm Model Numbers | Cooling Capacity | | Power Supply | Max Running Current/Starting Current | Ambient Temp Limits | Protection Level | Height / Width / Depth | | Weight |
|------------------------|------------------|------------------|-----------------|--------------------------------------|---------------------|------------------|------------------------|--------------------|-----------|
| | L35L35 - W (BTU) | L35L50 - W (BTU) | V-Ph-Hz | A | °F | | mm | in | kg (lbs) |
| Indoor | | | | | | | | | |
| CVE03U12030000 | 380 (1,296) | 240 (819) | 115-1-60 | 2.8 / 18 | 68° to 131° | Type 12 | 442.5 x 324 x 206 | 17.4 x 12.76 x 8.1 | 17 (37.5) |
| CVE03U12200000 | 380 (1,296) | 240 (819) | 230-1-50/60 | 1.35 / 9.8 | 68° to 131° | Type 12 | 442.5 x 324 x 206 | 17.4 x 12.76 x 8.1 | 17 (37.5) |
| CVE05U12038000 | 580 (1,978) | 430 (1,467) | 115-1-60 | 4 / 30 | 68° to 131° | Type 12 | 642 x 313 x 223 | 25.3 x 12.3 x 8.8 | 23 (51) |
| CVE05U12208000 | 580 (1,978) | 430 (1,467) | 230-1-50/60 | 1.5 / 15 | 68° to 131° | Type 12 | 642 x 313 x 223 | 25.3 x 12.3 x 8.8 | 23 (51) |
| CVE05U12128000 | 500 (1,705) | 350 (1,194) | 48 VDC | 6.1 / - | 68° to 131° | Type 12 | 642 x 313 x 223 | 25.3 x 12.3 x 8.8 | 23 (51) |
| CVE08U12038000 | 900 (3,069) | 700 (2,388) | 115-1-60 | 5.2 / 34 | 68° to 131° | Type 12 | 642 x 313 x 223 | 25.3 x 12.3 x 8.8 | 26 (57.3) |
| CVE08U12208000 | 900 (3,069) | 700 (2,388) | 230-1-50/60 | 2.7 / 20 | 68° to 131° | Type 12 | 642 x 313 x 223 | 25.3 x 12.3 x 8.8 | 26 (57.3) |
| CVE11U12038000 | 1,150 (3,923) | 890 (3,036) | 115-1-60 | 6.4 / 34 | 68° to 131° | Type 12 | 912.5 x 410 x 248 | 35.9 x 16.1 x 9.8 | 44 (97) |
| CVE11U12208000 | 1,150 (3,923) | 890 (3,036) | 230-1-50/60 | 2.6 / 18 | 68° to 131° | Type 12 | 912.5 x 410 x 248 | 35.9 x 16.1 x 9.8 | 44 (97) |
| CVE15U12038000 | 1,600 (5,459) | 1,280 (4,367) | 115-1-60 | 9.5 / 32 | 68° to 131° | Type 12 | 912.5 x 410 x 248 | 35.9 x 16.1 x 9.8 | 46 (101) |
| CVE15U12208000 | 1,600 (5,459) | 1,280 (4,367) | 230-1-50/60 | 4.2 / 17 | 68° to 131° | Type 12 | 912.5 x 410 x 248 | 35.9 x 16.1 x 9.8 | 46 (101) |
| CVE15U12628000 | 1,500 (5,118) | 1,200 (4,094) | 400/460-3-50/60 | 2.5 / 16 | 68° to 131° | Type 12 | 1005.5 x 409 x 263 | 39.6 x 16.1 x 10.4 | 48 (106) |
| CVE20U12038000 | 2,200 (7,506) | 1,850 (6,312) | 115-1-60 | 11.5 / 65 | 68° to 131° | Type 12 | 1005.5 x 409 x 263 | 39.6 x 16.1 x 10.4 | 48 (106) |
| CVE20U12208000 | 2,200 (7,506) | 1,850 (6,312) | 230-1-50/60 | 7.3 / 34 | 68° to 131° | Type 12 | 1005.5 x 409 x 263 | 39.6 x 16.1 x 10.4 | 48 (106) |
| CVE20U12628000 | 2,100 (7,165) | 1,800 (6,141) | 400/460-3-50/60 | 2.6 / 18 | 68° to 131° | Type 12 | 1005.5 x 409 x 263 | 39.6 x 16.1 x 10.4 | 48 (106) |
| CVE30U12208000 | 3,150 (10,748) | 2,600 (8,871) | 230-1-50/60 | 8.8 / 38 | 68° to 131° | Type 12 | 1217.5 x 511 x 347.5 | 47.9 x 20.1 x 13.7 | 86 (189) |
| CVE30U12628000 | 3,000 (10,236) | 2,500 (8,530) | 400/460-3-50/60 | 3 / 16 | 68° to 131° | Type 12 | 1217.5 x 511 x 347.5 | 47.9 x 20.1 x 13.7 | 86 (189) |
| CVE40U12208000 | 4,100 (13,989) | 3,300 (11,260) | 230-1-50/60 | 10.5 / 46.5 | 68° to 131° | Type 12 | 1217.5 x 511 x 347.5 | 47.9 x 20.1 x 13.7 | 86 (189) |
| CVE40U12628000 | 4,050 (13,819) | 3,260 (11,123) | 400/460-3-50/60 | 3.5 / 18 | 68° to 131° | Type 12 | 1217.5 x 511 x 347.5 | 47.9 x 20.1 x 13.7 | 86 (189) |
| CVE60U12628000 | 5,950 (20,302) | 4,850 (16,548) | 400/460-3-50/60 | 5.7 / 53 | 68° to 131° | Type 12 | 1405.5 x 554 x 404 | 55.3 x 21.8 x 15.9 | 95 (209) |
| Protherm Model Numbers | Cooling Capacity | | Power Supply | Max Running Current/Starting Current | Ambient Temp Limits | Protection Level | Height / Width / Depth | | Weight |
| | L35L35 - W (BTU) | L35L50 - W (BTU) | V-Ph-Hz | A | °F | | mm | in | kg (lbs) |
| Outdoor | | | | | | | | | |
| CVO05U12038000 | 580 (1,979) | 430 (1,467) | 115-1-60 | 4 / 30 | -40° to 131° | Type 4 | 634.5 x 313 x 235.5 | 25 x 12.3 x 9.3 | 23 (51) |
| CVO05U12208000 | 580 (1,979) | 430 (1,467) | 230-1-50/60 | 1.5 / 15 | -40° to 131° | Type 4 | 634.5 x 313 x 235.5 | 25 x 12.3 x 9.3 | 23 (51) |
| CVO05U1203800I | 580 (1,979) | 430 (1,467) | 115-1-60 | 4 / 30 | -40° to 131° | Type 4X | 634.5 x 313 x 235.5 | 25 x 12.3 x 9.3 | 23 (51) |
| CVO05U1220800I | 580 (1,979) | 430 (1,467) | 230-1-50/60 | 1.5 / 15 | -40° to 131° | Type 4X | 634.5 x 313 x 235.5 | 25 x 12.3 x 9.3 | 23 (51) |
| CVO05U12128000 | 500 (1,706) | 350 (1,194) | 48VDC | 6.1 / - | -40° to 131° | Type 4 | 634.5 x 313 x 235.5 | 25 x 12.3 x 9.3 | 23 (51) |
| CVO05U1212800I | 500 (1,706) | 350 (1,194) | 48VDC | 6.1 / - | -40° to 131° | Type 4X | 634.5 x 313 x 235.5 | 25 x 12.3 x 9.3 | 23 (51) |
| CVO08U12038000 | 900 (3,070) | 700 (2,388) | 115-1-60 | 5.2 / 34 | -40° to 131° | Type 4 | 634.5 x 313 x 235.5 | 25 x 12.3 x 9.3 | 27 (60) |
| CVO08U12208000 | 900 (3,070) | 700 (2,388) | 230-1-50/60 | 4 / 20 | -40° to 131° | Type 4 | 634.5 x 313 x 235.5 | 25 x 12.3 x 9.3 | 27 (60) |
| CVO08U1203800I | 900 (3,070) | 700 (2,388) | 115-1-60 | 5.2 / 34 | -40° to 131° | Type 4X | 634.5 x 313 x 235.5 | 25 x 12.3 x 9.3 | 27 (60) |
| CVO08U1220800I | 900 (3,070) | 700 (2,388) | 230-1-50/60 | 4 / 20 | -40° to 131° | Type 4X | 634.5 x 313 x 235.5 | 25 x 12.3 x 9.3 | 27 (60) |
| CVO11U12038000 | 1,150 (3,923) | 890 (3,036) | 115-1-60 | 6.4 / 34 | -40° to 131° | Type 4 | 906 x 410 x 272 | 35.7 x 16.1 x 10.7 | 44 (97) |
| CVO11U12208000 | 1,150 (3,923) | 890 (3,036) | 230-1-50/60 | 2.8 / 16 | -40° to 131° | Type 4 | 906 x 410 x 272 | 35.7 x 16.1 x 10.7 | 44 (97) |
| CVO11U1203800I | 1,150 (3,923) | 890 (3,036) | 115-1-60 | 6.4 / 34 | -40° to 131° | Type 4X | 906 x 410 x 272 | 35.7 x 16.1 x 10.7 | 44 (97) |
| CVO11U1220800I | 1,150 (3,923) | 890 (3,036) | 230-1-50/60 | 2.8 / 16 | -40° to 131° | Type 4X | 906 x 410 x 272 | 35.7 x 16.1 x 10.7 | 44 (97) |
| CVO15U12038000 | 1,600 (5,459) | 1,280 (4,367) | 115-1-60 | 9.5 / 32 | -40° to 131° | Type 4 | 906 x 410 x 272 | 35.7 x 16.1 x 10.7 | 46 (101) |
| CVO15U12208000 | 1,600 (5,459) | 1,280 (4,367) | 230-1-50/60 | 4.2 / 17 | -40° to 131° | Type 4 | 906 x 410 x 272 | 35.7 x 16.1 x 10.7 | 46 (101) |
| CVO15U12628000 | 1,500 (5,118) | 1,200 (4,094) | 400/460-3-50/60 | 2.5 / 16 | -40° to 131° | Type 4 | 996 x 409 x 286 | 39.2 x 16.1 x 11.3 | 48 (106) |
| CVO15U1203800I | 1,600 (5,459) | 1,280 (4,367) | 115-1-60 | 9.5 / 32 | -40° to 131° | Type 4X | 906 x 410 x 272 | 35.7 x 16.1 x 10.7 | 46 (101) |
| CVO15U1220800I | 1,600 (5,459) | 1,280 (4,367) | 230-1-50/60 | 4.2 / 17 | -40° to 131° | Type 4X | 906 x 410 x 272 | 35.7 x 16.1 x 10.7 | 46 (101) |
| CVO15U1262800I | 1,500 (5,118) | 1,200 (4,094) | 400/460-3-50/60 | 2.5 / 16 | -40° to 131° | Type 4X | 996 x 409 x 286 | 35.7 x 16.1 x 11.3 | 48 (106) |
| CVO20U12038000 | 2,200 (7,506) | 1,850 (6,312) | 115-1-60 | 11.5 / 65 | -40° to 131° | Type 4 | 996 x 409 x 286 | 39.2 x 16.1 x 11.3 | 48 (106) |
| CVO20U12208000 | 2,200 (7,506) | 1,850 (6,312) | 230-1-50/60 | 7.3 / 34 | -40° to 131° | Type 4 | 996 x 409 x 286 | 39.2 x 16.1 x 11.3 | 48 (106) |
| CVO20U12628000 | 2,100 (7,165) | 1,800 (6,141) | 400/460-3-50/6 | 2.6 / 18 | -40° to 131° | Type 4 | 996 x 409 x 286 | 39.2 x 16.1 x 11.3 | 48 (106) |
| CVO20U1203800I | 2,200 (7,506) | 1,850 (6,312) | 115-1-60 | 11.5 / 65 | -40° to 131° | Type 4X | 996 x 409 x 286 | 39.2 x 16.1 x 11.3 | 48 (106) |
| CVO20U1220800I | 2,200 (7,506) | 1,850 (6,312) | 230-1-50/60 | 7.3 / 34 | -40° to 131° | Type 4X | 996 x 409 x 286 | 39.2 x 16.1 x 11.3 | 48 (106) |
| CVO20U1262800I | 2,100 (7,165) | 1,800 (6,141) | 400/460-3-50/60 | 2.6 / 18 | -40° to 131° | Type 4X | 996 x 409 x 286 | 39.2 x 16.1 x 11.3 | 48 (106) |
| CVO40U12208000 | 4,100 (13,989) | 3,300 (11,260) | 230-1-50/60 | 10.5 / 46.5 | -40° to 131° | Type 4 | 1211 x 511 x 356 | 47.7 x 20.1 x 14 | 86 (189) |
| CVO40U12628000 | 4,050 (13,819) | 3,260 (11,123) | 400/460-3-50/60 | 3.5 / 18 | -40° to 131° | Type 4 | 1211 x 511 x 356 | 47.7 x 20.1 x 14 | 86 (189) |
| CVO40U1220800I | 4,100 (13,989) | 3,300 (11,260) | 230-1-50/60 | 10.5 / 46.5 | -40° to 131° | Type 4X | 1211 x 511 x 356 | 47.7 x 20.1 x 14 | 86 (189) |
| CVO40U1262800I | 4,050 (13,819) | 3,260 (11,123) | 400/460-3-50/60 | 3.5 / 18 | -40° to 131° | Type 4X | 1211 x 511 x 356 | 47.7 x 20.1 x 14 | 86 (189) |
| CVO60U12628000 | 5,950 (20,300) | 4,850 (16,550) | 460-3-60 | 8.11 | -40° to 131° | Type 4 | 1400 x 555 x 416 | 55 x 22 x 16 | 100 (220) |