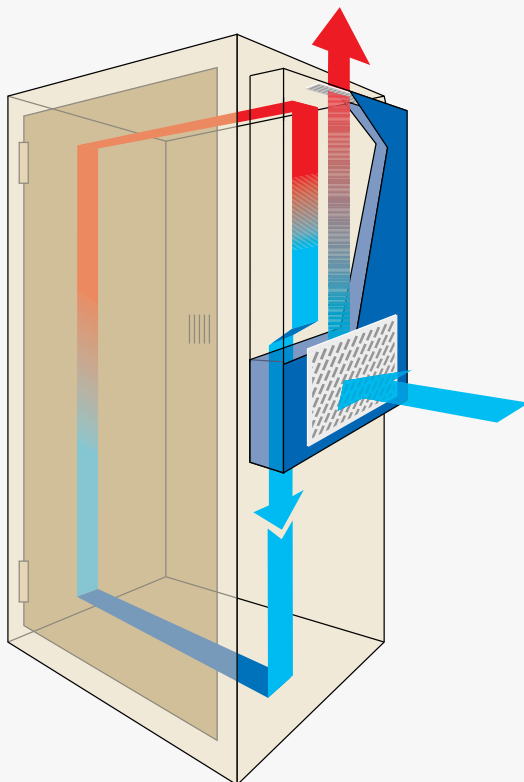




### PROTHERM OUTDOOR



EN

#### COMMON FEATURES

- Air conditioners for wall mounting
- Cooling Capacity: 500-4000W
- Electronic Board XCB + display (accessory)
- SEM and SEM<sup>2</sup> functions
- Sequencing and Modbus ( with accessories)
- Quick connections (CE version)
- µchannel condenser (from CVO11)
- General alarm and remote control std
- Functioning up to - 40°C for UL listed models
- Standard protective treatment on the condenser for UL Listed models

IT

#### CARATTERISTICHE GENERALI

- Condizionatori da parete
- Capacità frigorifera: 500-4000W
- Scheda elettronica XCB + display (accessorio)
- Disponibili funzioni SEM e SEM2
- Sequencing e Modbus (con accessori dedicati)
- Connessioni rapide (versione CE)
- Condensatore µchannel (da CVO11)
- Contatti allarme generale e comando remoto di standard
- Funzionamento fino a -40°C ambiente per modelli UL Listed
- Trattamento protettivo sul condensatore di standard per modelli UL Listed

DE

#### ALLGEMEINE MERKMALE

- Wandbau Klimageräte
- Kälteleistung: 500-4000W
- XCB Steuerung mit Display (Zubehör)
- SEM und SEM2 Funktion
- Sequencing und Modbus (mit Zubehör)
- Anschlussstecker auf CE Version
- µchannel Verflüssiger (ab CVE11)
- Sammelalarm und Fernsteuerungskontakt
- Temperaturbereich bis -40°C Umgebung (nur UL Listed Einheiten)
- Standard Verflüssiger Schutzbeschichtung (auf UL Listed Einheiten)

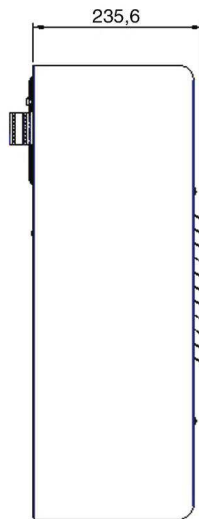
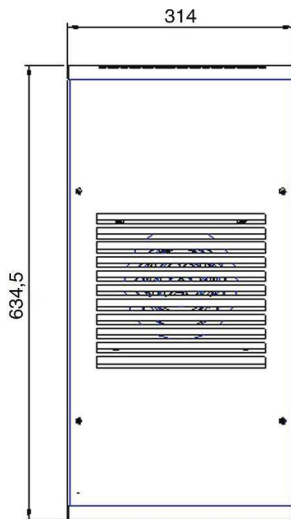
ES

#### CARACTERÍSTICAS COMUNES

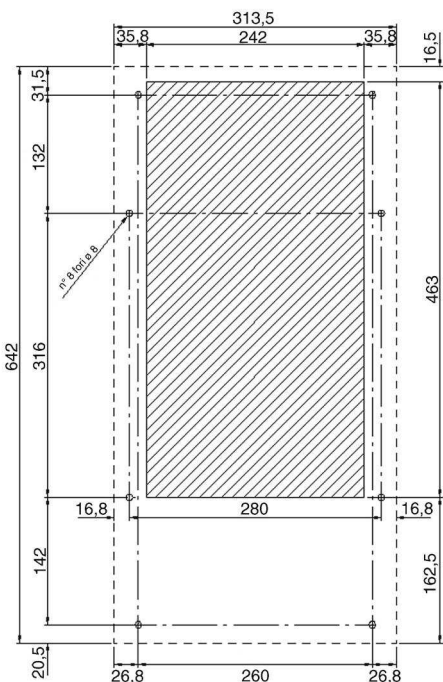
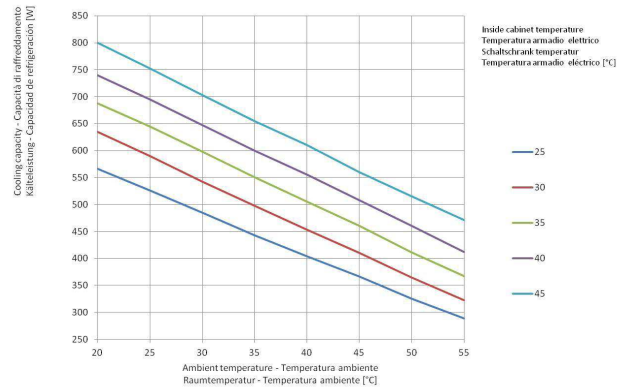
- Acondicionadores para pared
- Capacidad frigorífica: 500-4000W
- Tarjeta electrónica de control XCB + display (accessorio)
- Disponibles funciones SEM y SEM2
- Sequencing y Modbus (con accesorios dedicados)
- Conexiones rápidas (versión CE)
- Condensador µchannel (desde CVO11)
- Contactos de alarma general y control remoto estándar
- Funcionamiento hasta -40°C ambiente para los modelos UL Listed
- Tratamiento de protección standard en el condensador para los modelos UL Listed



## PROTHERM Outdoor CV005



Performance - Resa - Leistung - Rendimiento

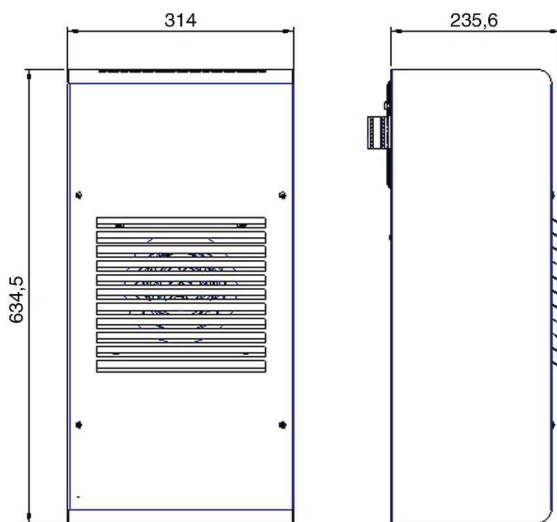


| CODE - CODICE - MODEL - CODIGO   | M.U.        | CV00500220800   | CV005002288000       | CV005002128000  | CV005U12038000  | CV005U12208000  | CV005U12128000  |
|--|-------------|-----------------|----------------------|-----------------|-----------------|-----------------|-----------------|
| Power supply - Alimentazione - Spannungsversorgung - Tensión   | V - ph - Hz | 230-1-50/60     | 400-2-50<br>460-2-60 | 48VDC           | 115-1-60        | 230-1-50/60     | 48VDC           |
| Cooling capacity L35L35 - Potenza raffreddamento L35L35<br>Kälteleistung L35L35 - Potencia frigorífica L35L35 - DIN 3168   | W           | 550-580         | 500-550              | 500             | 580             | 580             | 500             |
| Cooling capacity L35L50 - Potenza raffreddamento L35L50<br>Kälteleistung L35L50 - Potencia frigorífica L35L50 - DIN 3168   | W           | 410-430         | 400-380              | 350             | 430             | 430             | 350             |
| Height / Wicht / Depth - Altezza / Larghezza / Profundità<br>Höhe / Breite / Tiefe - Altura / Ancho / Profundidad  | mm          | 634,5X313X235,5 | 634,5X313X235,5      | 634,5X313X235,5 | 634,5X313X235,5 | 634,5X313X235,5 | 634,5X313X235,5 |
| Max running current - corrente max. in marcha<br>Max. Stromaufnahme - Corriente máxima, en marcha  | A           | 1,3 / 1,5       | 1,3 / 1,5            | 5,7             | 4               | 1,5             | 5,7             |
| Starting current - Corriente absorbida alla partenza<br>Anlaufstrom - Corriente absorbida al arranque  | A           | 15              | 15                   | --              | 30              | 15              | --              |
| Pre-Fuse T - Fusibile T - Absicherung T - Elemento previo de fusibile T  | A           | 4               | 4                    | 10              | 6               | 6               | 10              |
| Power consumption L35L50 - Potenza assorbita L35L50<br>Leistungsaufnahme L35L50 - Potencia absorbida L35L50 - DIN3168  | W           | 310-340         | 310-340              | 300             | 340             | 340             | 300             |
| Side cabinet fan flow, free blowing - Portata aria ventil. lato armadio, bocca libera<br>-Luftmenge Schrankseite, freiblasend - Caudal aire ventil. Lado armario | m3/h        | 164-195         | 164-195              | 450             | 195             | 195             | 450             |
| Regulation Temperature limits - Limiti di regolazione Temperatura<br>Temperatur Einstellbereich - limites de ajuste de Temperatura                               | °C          | +25 / +45       | +25 / +45            | +25 / +45       | +25 / +45       | +25 / +45       | +25 / +45       |
| Side ambient Temperature limits - Limiti di Temperatura lato ambiente<br>Umgebungstemperatur - Limites Temperatura lado ambiente                                 | °C          | -20 / +55       | -20 / +55            | -20 / +55       | -40 / +55       | -40 / +55       | -40 / +55       |
| Side cabinet protection degree - Protezione lato armadio<br>Schutzgrad Schrankseite - Protección lado armario  | IP/Type     | 54 / -          | 54 / -               | 54 / -          | - / 4           | - / 4           | - / 4           |
| Noise level - Rumorosità - Geräuschpegel - Nivel de ruido  | dB(A)       | 61              | 61                   | 67              | 61              | 61              | 67              |
| Weight - Peso - Gewicht - Peso   | kg          | 23              | 30                   | 23              | 23              | 23              | 23              |

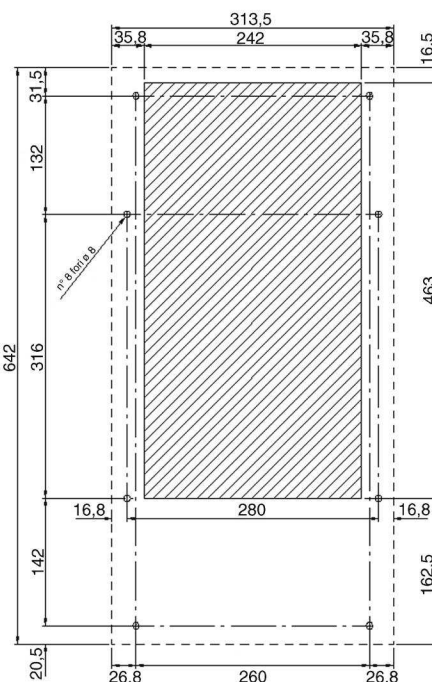
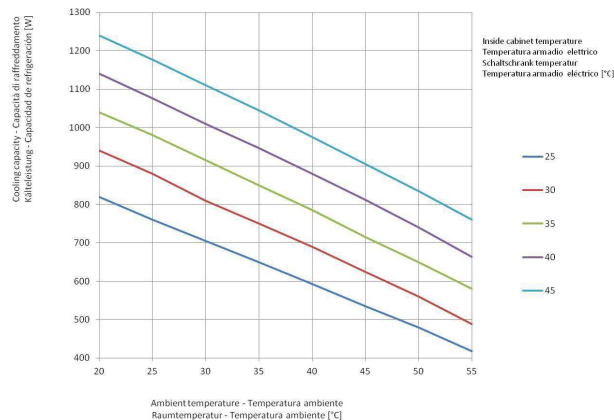
Opzioni / Accessori: vedi Pagine 148 - 152  
Options / Accessories : see pages 148 - 152



## PROTHERM Outdoor CV008



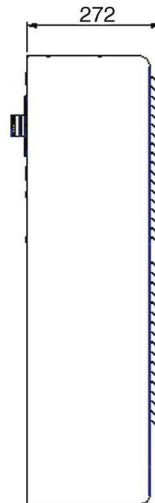
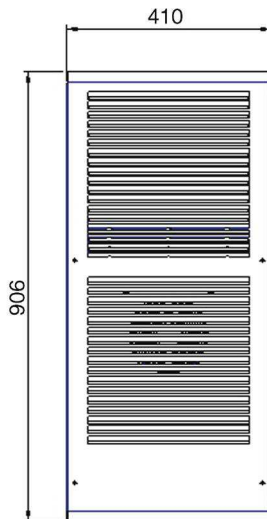
### Performance - Resa - Leistung - Rendimiento



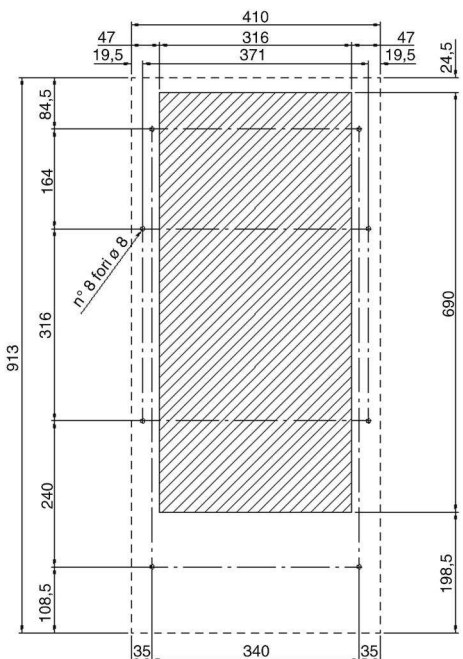
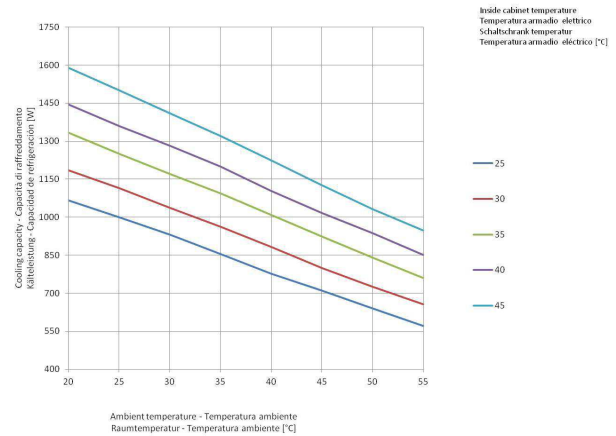
| CODE - CODICE - MODEL - CODIGO  | M.U.              | CV008002208000  | CV008002058000  | CV008U12038000  | CV008U12208000  |
|---|-------------------|-----------------|-----------------|-----------------|-----------------|
| Power supply - Alimentazione - Spannungsversorgung - Tensión  | V - ph - Hz       | 230-1-50/60     | 400-2-50        | 115-1-60        | 230-1-50/60     |
| Cooling capacity L35L35 - Potenza raffreddamento L35L35<br>Kälteleistung L35L35 - Potencia frigorífica L35L35 - DIN 3168  | W                 | 850-900         | 800             | 900             | 900             |
| Cooling capacity L35L50 - Potenza raffreddamento L35L50<br>Kälteleistung L35L50 - Potencia frigorífica L35L50 - DIN 3168  | W                 | 620-700         | 600             | 700             | 700             |
| Height / Widht / Depth - Altezza / Larghezza / Profondità<br>Höhe / Breite / Tiefe - Altura / Ancho / Profundidad   | mm                | 634,5x313x235,5 | 634,5x313x235,5 | 634,5x313x235,5 | 634,5x313x235,5 |
| Max running current - corrente max, in marcha<br>Max. Stromaufnahme - Corriente máxima, en marcha   | A                 | 2,8             | 1,6             | 5,2             | /               |
| Starting current - Corriente absorbida alla partenza<br>Anlaufstrom - Corriente absorbida al arranque   | A                 | 16              | 31              | 34              | 16              |
| Pre-Fuse T - Fusibile T - Absicherung T - Elemento previo de fusibile T   | A                 | 8               | 6               | 8               | 8               |
| Power consumption L35L50 - Potenza assorbida L35L50<br>Leistungsaufnahme L35L50 - Potencia absorbida L35L50 - DIN3168   | W                 | 420-600         | 420-600         | 600             | 600             |
| Side cabinet fan flow, free blowing - Portata aria ventil. lato armadio, bocca libera<br>Luftmenge Schrankseite, freiblasend - Caudal aire ventil. Lado armario | m <sup>3</sup> /h | 340-356         | 330             | 390             | 390             |
| Regulation Temperature limits - Limiti di regolazione Temperatura<br>Temperatur Einstellbereich - limites de ajuste de Temperatura                              | °C                | +25 / +45       | +25 / +45       | +25 / +45       | +25 / +45       |
| Side ambient Temperature limits - Limiti di Temperatura lato ambiente<br>Umgebungstemperatur - Limites Temperatura lado ambiente                                | °C                | -20 / +55       | -20 / +55       | -40 / +55       | -40 / +55       |
| Side cabinet protection degree - Protezione lato armadio<br>Schutzgrad Schrankseite - Protección lado armario   | IP/Type           | 54 / -          | 54 / -          | - / 4           | - / 4           |
| Noise level - Rumorosità - Geräuschpegel - Nivel de ruido   | dB(A)             | 65              | 65              | 65              | 65              |
| Weight - Peso - Gewicht - Peso  | kg                | 26              | 30              | 26              | 26              |

Opzioni / Accessori: vedi Pagine 148 - 152  
Options / Accessories : see pages 148 - 152

## PROTHERM Outdoor CV011



Performance - Resa - Leistung - Rendimiento

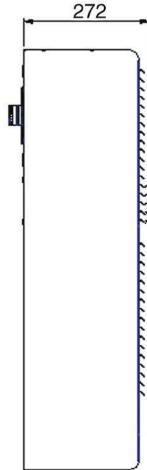
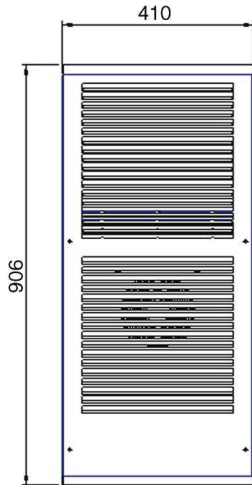


| CODE - CODICE - MODEL - CODIGO  | M.U.        | CV011002208000 | CV011002288000       | CV011U12038000 | CV011U12208000 |
|---|-------------|----------------|----------------------|----------------|----------------|
| Power supply - Alimentazione - Spannungsversorgung - Tensión  | V - ph - Hz | 230-1-50/60    | 400-2-50<br>460-2-60 | 115-1-60       | 230-1-50/60    |
| Cooling capacity L35L35 - Potenza raffreddamento L35L35<br>Kälteleistung L35L35 - Potencia frigorífica L35L35 - DIN 3168  | W           | 1100-1150      | 1050-1100            | 1150           | 1150           |
| Cooling capacity L35L50 - Potenza raffreddamento L35L50<br>Kälteleistung L35L50 - Potencia frigorífica L35L50 - DIN 3168  | W           | 840-890        | 790-840              | 890            | 890            |
| Height / Widht / Depth - Altezza / Larghezza / Profondità<br>Höhe / Breite / Tiefe - Altura / Ancho / Profundidad   | mm          | 906x410x272    | 906x410x272          | 906x410x272    | 906x410x272    |
| Max running current - corrente max, in marcia<br>Max. Stromaufnahme - Corriente máxima, en marcha   | A           | 2,8            | 1,6                  | 6,4            | /              |
| Starting current - Corrente assorbita alla partenza<br>Anlaufstrom - Corriente absorbida al arranque  | A           | 16             | 31                   | 34             | 16             |
| Pre-Fuse T - Fusibile T - Absicherung T - Elemento previo de fusibile T   | A           | 8              | 6                    | 10             | 8              |
| Power consumption L35L50 - Potenza assorbita L35L50<br>Leistungsaufnahme L35L50 - Potencia absorbida L35L50 - DIN3168   | W           | 510-650        | 510-650              | 650            | 650            |
| Side cabinet fan flow, free blowing - Portata aria ventil. lato armadio, bocca libera<br>Luftmenge Schrankseite, freiblasend - Caudal aire ventil. Lado armario | m3/h        | 540-580        | 540-580              | 580            | 580            |
| Regulation Temperature limits - Limiti di regolazione Temperatura<br>Temperatur Einstellbereich - limites de ajuste de Temperatura                              | °C          | +25 / +45      | +25 / +45            | +25 / +45      | +25 / +45      |
| Side ambient Temperature limits - Limiti di Temperatura lato ambiente<br>Umgebungstemperatur - Limites Temperatura lado ambiente                                | °C          | -20 / +55      | -20 / +55            | -40 / +55      | -40 / +55      |
| Side cabinet protection degree - Protezione lato armadio<br>Schutzgrad Schrankseite - Protección lado armario   | IP/Type     | 54 / -         | 54 / -               | - / 4          | - / 4          |
| Noise level - Rumorosità - Geräuschpegel - Nivel de ruido   | dB(A)       | 65             | 65                   | 65             | 65             |
| Weight - Peso - Gewicht - Peso  | kg          | 42             | 52                   | 42             | 52             |

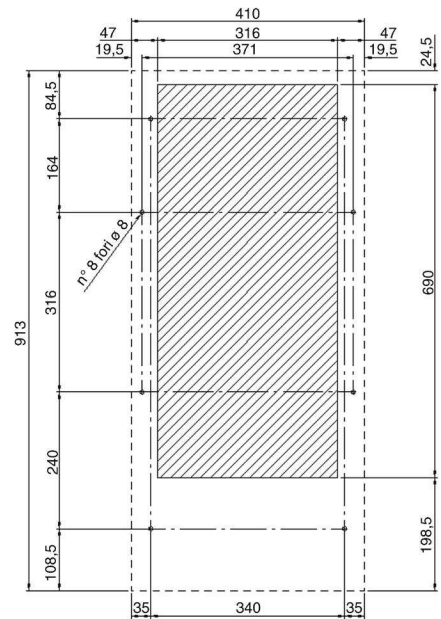
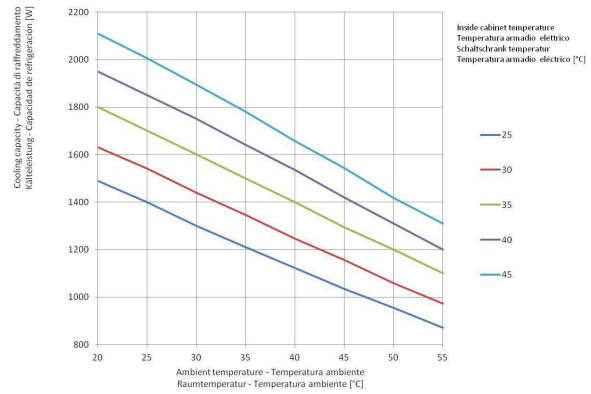
Opzioni / Accessori: vedi Pagine 148 - 152  
Options / Accessories : see pages 148 - 152



## PROTHERM Outdoor CV015



### Performance - Resa - Leistung - Rendimiento



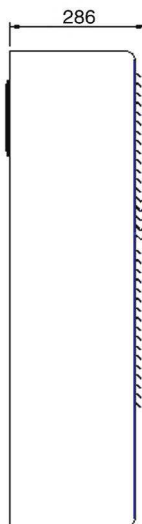
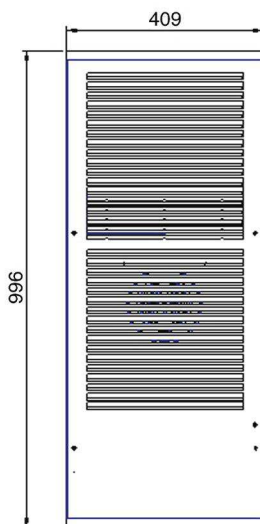
SWITCHGEAR AIR CONDITIONERS - CONDIZIONATORI PER QUADRI ELETTRICI - SCHALTSCHRANK KLIMATISIERUNG - ACONDICIONAMIENTO DE CUADRO ELECTRICOS  
**OUTDOOR - PROTHERM**

| CODE - CODICE - MODEL - CODIGO  | M.U.              | CV015002208000 | CV015002288000       | CV015U12038000 | CV015U12208000 | CV015U12628000       |
|---|-------------------|----------------|----------------------|----------------|----------------|----------------------|
| Power supply - Alimentazione - Spannungsversorgung - Tensión  | V - ph - Hz       | 230-1-50/60    | 400-2-50<br>460-2-60 | 115-1-60       | 230-1-50/60    | 400-3-50<br>460-3-60 |
| Cooling capacity L35L35 - Potenza raffreddamento L35L35<br>Kälteleistung L35L35 - Potencia frigorífica L35L35 - DIN 3168  | W                 | 1500-1600      | 1400-1500            | 1600           | 1600           | 1500                 |
| Cooling capacity L35L50 - Potenza raffreddamento L35L50<br>Kälteleistung L35L50 - Potencia frigorífica L35L50 - DIN 3168  | W                 | 1200-1280      | 1150-1200            | 1280           | 1280           | 1200                 |
| Height / Widht / Depth - Altezza / Larghezza / Profondità<br>Höhe / Breite / Tiefe - Altura / Ancho / Profundidad   | mm                | 906x410x272    | 906x410x272          | 906x410x272    | 906x410x272    | 996x409x286          |
| Max running current - corrente max. in marcia<br>Max. Stromaufnahme - Corriente máxima, en marcha   | A                 | 3,9 / 4,3      | 2,5 / 2,6            | 9,5            | 4,2            | 2,5                  |
| Starting current - Corrente assorbita alla partenza<br>Anlaufstrom - Corriente absorbida al arranque  | A                 | 28             | 110                  | 32             | 17             | 16                   |
| Pre-Fuse T - Fusibile T - Absicherung T - Elemento previo de fusibile T   | A                 | 8              | 6                    | 14             | 8              | 6                    |
| Power consumption L35L50 - Potenza assorbita L35L50<br>Leistungsaufnahme L35L50 - Potencia absorbida L35L50 - DIN3168   | W                 | 750-825        | 750-825              | 825            | 825            | 890                  |
| Side cabinet fan flow, free blowing - Portata aria ventil. lato armadio, bocca libera<br>Luftmenge Schrankseite, freiblasend - Caudal aire ventil. Lado armario | m <sup>3</sup> /h | 540-580        | 540-580              | 580            | 580            | 580                  |
| Regulation Temperature limits - Limiti di regolazione Temperatura<br>Temperatur Einstellbereich - limites de ajuste de Temperatura                              | °C                | +25 / +45      | +25 / +45            | +25 / +45      | +25 / +45      | +25 / +45            |
| Side ambient Temperature limits - Limiti di Temperatura lato ambiente<br>Umgebungstemperatur - Limites Temperatura lado ambiente                                | °C                | -20 / +55      | -20 / +55            | -40 / +55      | -40 / +55      | -40 / +55            |
| Side cabinet protection degree - Protezione lato armadio<br>Schutzgrad Schrankseite - Protección lado armario   | IP/Type           | 54 / -         | 54 / -               | - / 4          | - / 4          | - / 4                |
| Noise level - Rumorosità - Geräuschpegel - Nivel de ruido   | dB(A)             | 65             | 65                   | 65             | 65             | 65                   |
| Weight - Peso - Gewicht - Peso  | kg                | 42             | 42                   | 42             | 50             | 50                   |

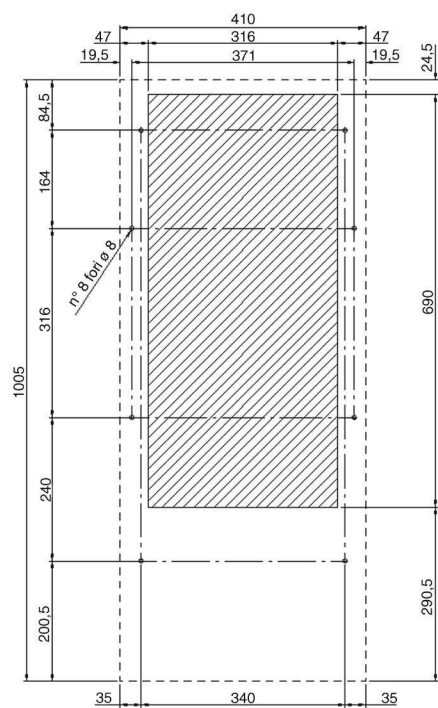
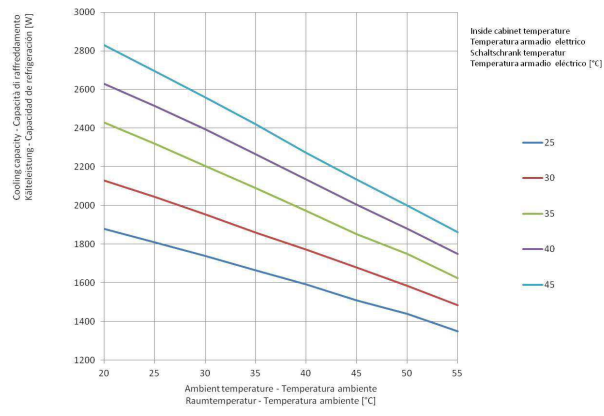
Opzioni / Accessori: vedi Pagine 148 - 152  
Options / Accessories : see pages 148 - 152



## PROTHER Outdoor CV020



### Performance - Resa - Leistung - Rendimento



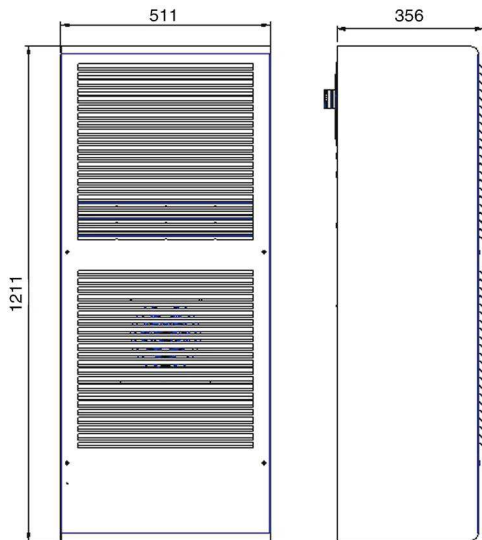
| CODE - CODICE - MODEL - CODIGO  | M.U.              | CV020002208000 | CV020002618000       | CV020U12038000 | CV020U12208000 | CV020U12628000       |
|---|-------------------|----------------|----------------------|----------------|----------------|----------------------|
| Power supply - Alimentazione - Spannungsversorgung - Tensión  | V - ph - Hz       | 230-1-50/60    | 400-3-50<br>460-3-60 | 115-1-60       | 230-1-50/60    | 400-3-50<br>460-3-60 |
| Cooling capacity L35L35 - Potenza raffreddamento L35L35<br>Kälteleistung L35L35 - Potencia frigorífica L35L35 - DIN 3168  | W                 | 2100-2200      | 2000-2100            | 2200           | 2200           | 2100                 |
| Cooling capacity L35L50 - Potenza raffreddamento L35L50<br>Kälteleistung L35L50 - Potencia frigorífica L35L50 - DIN 3168  | W                 | 1750-1850      | 1700-1800            | 1850           | 1850           | 1800                 |
| Height / Widht / Depth - Altezza / Larghezza / Profondità<br>Höhe / Breite / Tiefe - Altura / Ancho / Profundidad   | mm                | 996x409x286    | 996x409x286          | 996x409x286    | 996x409x286    | 996x409x286          |
| Max running current - corrente max, in marcha<br>Max. Stromaufnahme - Corriente máxima, en marcha   | A                 | 4,8 / 5,5      | 2,5                  | 11,5           | 7,3            | /                    |
| Starting current - Corriente assorbita alla partenza<br>Anlaufstrom - Corriente absorbida al arranque   | A                 | 34             | 18                   | 65             | 34             | 18                   |
| Pre-Fuse T - Fusibile T - Absicherung T - Elemento previo de fusibile T   | A                 | 8              | 6                    | 16             | 12             | 6                    |
| Power consumption L35L50 - Potenza assorbita L35L50<br>Leistungsaufnahme L35L50 - Potencia absorbida L35L50 - DIN3168   | W                 | 1120-1240      | 1120-1240            | 1240           | 1240           | 1240                 |
| Side cabinet fan flow, free blowing - Portata aria ventil. lato armadio, bocca libera<br>Luftmenge Schrankseite, freiblasend - Caudal aire ventil. Lado armario | m <sup>3</sup> /h | 540-580        | 890-930              | 930            | 580            | 930                  |
| Regulation Temperature limits - Limiti di regolazione Temperatura<br>Temperatur Einstellbereich - limites de ajuste de Temperatura                              | °C                | +25 / +45      | +25 / +45            | +25 / +45      | +25 / +45      | +25 / +45            |
| Side ambient Temperature limits - Limiti di Temperatura lato ambiente<br>Umgebungstemperatur - Limites Temperatura lado ambiente                                | °C                | -20 / +55      | -20 / +55            | -40 / +55      | -40 / +55      | -40 / +55            |
| Side cabinet protection degree - Protezione lato armadio<br>Schutzgrad Schrankseite - Protección lado armario   | IP/Type           | 54 / -         | 54 / -               | - / 4          | - / 4          | - / 4                |
| Noise level - Rumorosità - Geräuschpegel - Nivel de ruido   | dB(A)             | 68             | 68                   | 68             | 68             | 68                   |
| Weight - Peso - Gewicht - Peso  | kg                | 44             | 44                   | 44             | 44             | 44                   |

Opzioni / Accessori: vedi Pagine 148 - 152  
Options / Accessories : see pages 148 - 152

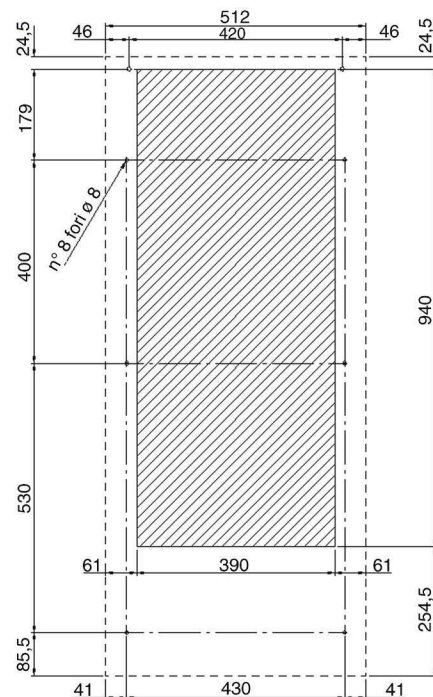
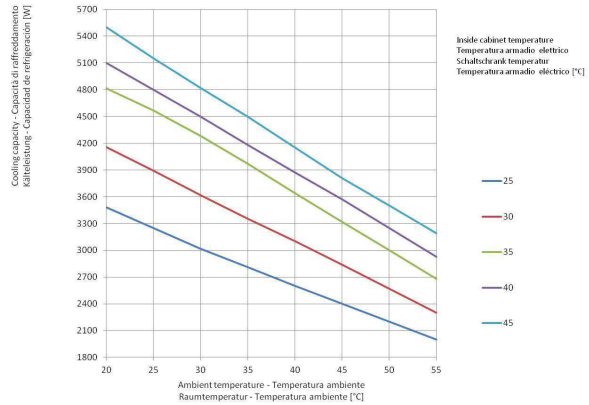


SWITCHGEAR AIR CONDITIONERS - CONDIZIONATORI PER QUADRI ELETTRICI - SCHALTSCHRANK KLIMATISIERUNG - ACONDICIONAMIENTO DE CUADRO ELECTRICOS  
OUTDOOR - RPOTHERM

## PROTHERM Outdoor CVO40



Performance - Resa -- Leistung - Rendimiento



SWITCHGEAR AIR CONDITIONERS - CONDIZIONATORI PER QUADRI ELETTRICI - SCHALTSCHRANK KLIMATISIERUNG - ACONDICIONAMIENTO DE CUADRO ELECTRICOS  
OUTDOOR - PROTHERM

| CODE - CODICE - MODEL - CODIGO  | M.U.              | CV040002208000 | CV040002618000       | CV040U12208000 | CV040U12628000      |
|---|-------------------|----------------|----------------------|----------------|---------------------|
| Power supply - Alimentazione - Spannungsversorgung - Tensión  | V - ph - Hz       | 230-1-50/60    | 400-3-50<br>460-3-60 | 230-1-50/60    | 400-350<br>460-3-60 |
| Cooling capacity L35L35 - Potenza raffreddamento L35L35<br>Kälteleistung L35L35 - Potencia frigorífica L35L35 - DIN 3168  | W                 | 4000-4100      | 3950-4050            | 4100           | 4050                |
| Cooling capacity L35L50 - Potenza raffreddamento L35L50<br>Kälteleistung L35L50 - Potencia frigorífica L35L50 - DIN 3168  | W                 | 3000-3300      | 2960-3260            | 3300           | 3260                |
| Height / Widht / Depth - Altezza / Larghezza / Profondità<br>Höhe / Breite / Tiefe - Altura / Ancho / Profundidad   | mm                | 1211x511x356   | 1211x511x356         | 1211x511x356   | 1211x511x356        |
| Max running current - corrente max, in marcia<br>Max. Stromaufnahme - Corriente máxima, en marcha   | A                 | 8,2 / 9,4      | 2,9 / 4              | 10,5           | 3,5                 |
| Starting current - Corrente assorbita alla partenza<br>Anlaufstrom - Corriente absorbida al arranque  | A                 | 42             | 25                   | 46,5           | 18                  |
| Pre-Fuse T - Fusibile T - Absicherung T - Elemento previo de fusibile T   | A                 | 16             | 8                    | 16             | 8                   |
| Power consumption L35L50 - Potenza assorbita L35L50<br>Leistungsaufnahme L35L50 - Potencia absorbida L35L50 - DIN3168   | W                 | 1730-1950      | 1730-1950            | 1950           | 1950                |
| Side cabinet fan flow, free blowing - Portata aria ventil. lato armadio, bocca libera<br>Luftmenge Schrankseite, freiblasend - Caudal aire ventil. Lado armario | m <sup>3</sup> /h | 1180-1300      | 1180-1300            | 1300           | 1300                |
| Regulation Temperature limits - Limiti di regolazione Temperatura<br>Temperatur Einstellbereich - limites de ajuste de Temperatura                              | °C                | +25 / +45      | +25 / +45            | +25 / +45      | +25 / +45           |
| Side ambient Temperature limits - Limiti di Temperatura lato ambiente<br>Umgebungstemperatur - Limites Temperatura lado ambiente                                | °C                | -20 / +55      | -20 / +55            | -40 / +55      | -40 / +55           |
| Side cabinet protection degree - Protezione lato armadio<br>Schutzgrad Schrankseite - Protección lado armario   | IP/Type           | 54 / -         | 54 / -               | - / 4          | - / 4               |
| Noise level - Rumorosità - Geräuschpegel - Nivel de ruido   | dB(A)             | 70             | 70                   | 70             | 70                  |
| Weight - Peso - Gewicht - Peso  | kg                | 83             | 86                   | 83             | 86                  |

Opzioni / Accessori: vedi Pagine 148 - 152  
Options / Accessories : see pages 148 - 152

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