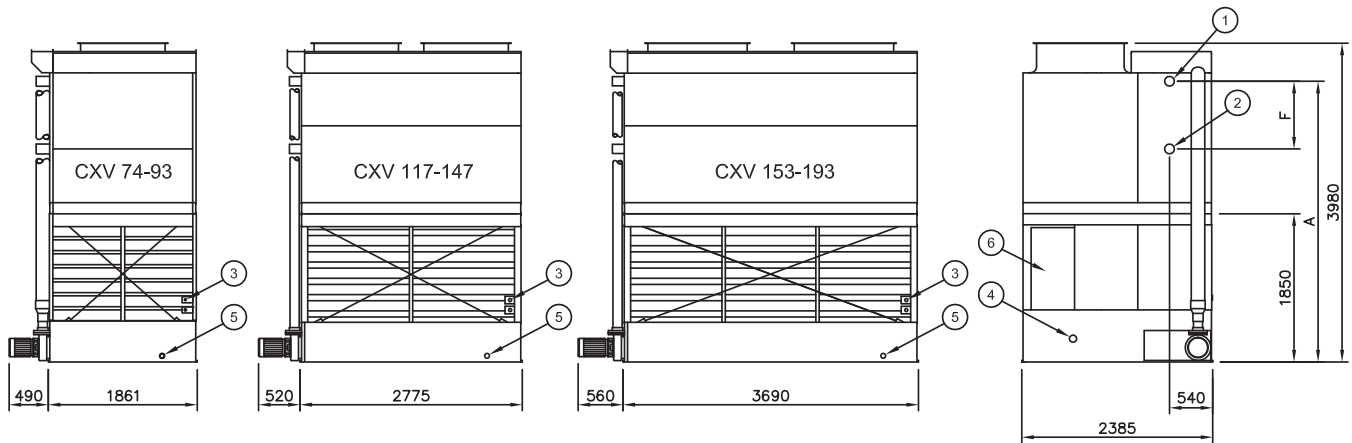


Technical Data



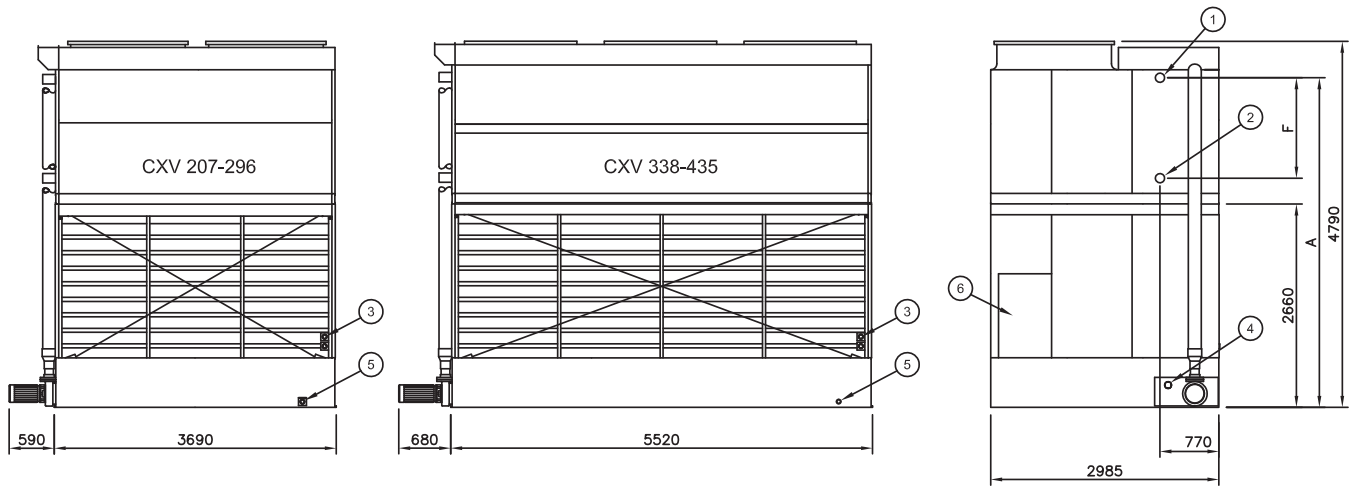
1. Refrigerant in ND 100, 2. Refrigerant out ND 100, 3. Make-up ND 15, 4. Overflow ND 80, 5. Drain ND 50, 6. Access



Do not use for construction. Refer to factory certified dimensions. In the interest of product improvement, specifications and dimensions are subject to change without notice.

| Model Number CXV | Base Heat Rejection (kW) | Weight | | | Air Flow (m ³ /s) | Fan Motor (kW) | Spray Water Flow (l/s) | Pump Motor (kW) | R-717 Charge (kg) | Remote Sump | | F (mm) |
|---------------------|--------------------------|---------------|----------------|------------------------------|------------------------------|----------------|------------------------|-----------------|-------------------|-----------------|-----------------------|--------|
| | | Shipping (kg) | Operating (kg) | Heaviest Section (Coil) (kg) | | | | | | Drain Size (mm) | Operating Weight (kg) | |
| CXV 74 | 319 | 2350 | 3400 | 1440 | 12.5 | 4.0 | 12 | 1.1 | 30 | 150 | 3270 | 845 |
| CXV 80 | 345 | 2370 | 3410 | 1450 | 14.3 | 5.5 | 12 | 1.1 | 30 | 150 | 3280 | 845 |
| CXV 84 | 362 | 2370 | 3420 | 1450 | 15.7 | 7.5 | 12 | 1.1 | 30 | 150 | 3290 | 845 |
| CXV 89 | 383 | 2520 | 3590 | 1600 | 13.9 | 5.5 | 12 | 1.1 | 38 | 150 | 3460 | 1080 |
| CXV 93 | 401 | 2530 | 3600 | 1610 | 15.3 | 7.5 | 12 | 1.1 | 38 | 150 | 3470 | 1080 |
| CXV 117 | 505 | 3370 | 4980 | 2140 | 20.0 | 5.5 | 18 | 1.5 | 46 | 150 | 4830 | 845 |
| CXV 123 | 530 | 3390 | 4980 | 2140 | 22.0 | 7.5 | 18 | 1.5 | 46 | 150 | 4840 | 845 |
| CXV 131 | 564 | 3410 | 5000 | 2160 | 25.1 | 11.0 | 18 | 1.5 | 46 | 150 | 4860 | 845 |
| CXV 137 | 589 | 3610 | 5240 | 2360 | 21.4 | 7.5 | 18 | 1.5 | 57 | 150 | 5090 | 1080 |
| CXV 147 | 632 | 3640 | 5260 | 2390 | 24.5 | 11.0 | 18 | 1.5 | 57 | 150 | 5110 | 1080 |
| CXV 153 | 661 | 4150 | 6290 | 2590 | 25.6 | 7.5 | 31.5 | 2.2 | 61 | 200 | 6030 | 845 |
| CXV 164 | 706 | 4180 | 6310 | 2610 | 29.2 | 11.0 | 31.5 | 2.2 | 61 | 200 | 6060 | 845 |
| CXV 173 | 744 | 4190 | 6320 | 2620 | 32.1 | 15.0 | 31.5 | 2.2 | 61 | 200 | 6070 | 845 |
| CXV 184 | 795 | 4480 | 6650 | 2910 | 28.6 | 11.0 | 31.5 | 2.2 | 76 | 200 | 6400 | 1080 |
| CXV 193 | 832 | 4490 | 6660 | 2920 | 31.4 | 15.0 | 31.5 | 2.2 | 76 | 200 | 6410 | 1080 |

Technical Data



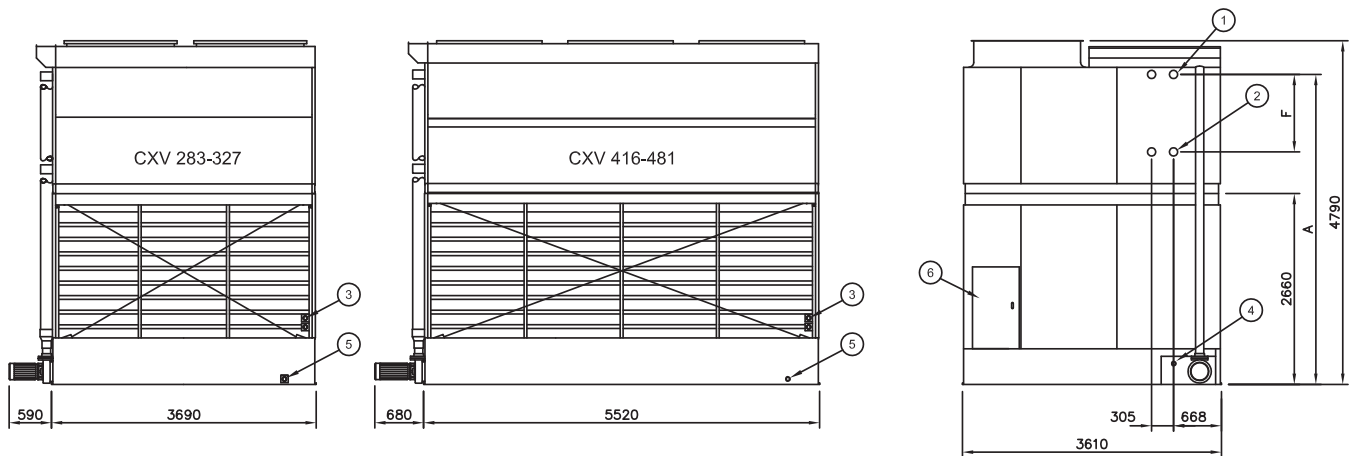
1. Refrigerant in ND 100, 2. Refrigerant out ND 100, 3. Make-up ND 25, 4. Overflow ND 80, 5. Drain ND 50, 6. Access



Do not use for construction. Refer to factory certified dimensions. In the interest of product improvement, specifications and dimensions are subject to change without notice.

| Model Number CXV | Base Heat Rejection (kW) | Weight | | | Air Flow (m ³ /s) | Fan Motor (kW) | Spray Water Flow (l/s) | Pump Motor (kW) | R-717 Charge (kg) | Remote Sump | | F (mm) |
|---------------------|--------------------------|---------------|----------------|------------------------------|------------------------------|----------------|------------------------|-----------------|-------------------|-----------------|-----------------------|--------|
| | | Shipping (kg) | Operating (kg) | Heaviest Section (Coil) (kg) | | | | | | Drain Size (mm) | Operating Weight (kg) | |
| CXV 207 | 892 | 4560 | 6970 | 2830 | 38.0 | 18.5 | 38 | 3.0 | 69 | 200 | 6718 | 610 |
| CXV 214 | 918 | 4570 | 6980 | 2840 | 40.4 | 22.0 | 38 | 3.0 | 69 | 200 | 6727 | 610 |
| CXV 229 | 987 | 4970 | 7450 | 3240 | 31.7 | 11.0 | 38 | 3.0 | 91 | 200 | 7191 | 845 |
| CXV 241 | 1034 | 4970 | 7450 | 3250 | 34.9 | 15.0 | 38 | 3.0 | 91 | 200 | 7195 | 845 |
| CXV 253 | 1086 | 5000 | 7480 | 3270 | 37.6 | 18.5 | 38 | 3.0 | 91 | 200 | 7223 | 845 |
| CXV 258 | 1112 | 5010 | 7490 | 3280 | 39.9 | 22.0 | 38 | 3.0 | 91 | 200 | 7232 | 845 |
| CXV 269 | 1159 | 5410 | 7950 | 3690 | 33.9 | 15.0 | 38 | 3.0 | 114 | 200 | 7700 | 1080 |
| CXV 280 | 1202 | 5440 | 7980 | 3710 | 36.5 | 18.5 | 38 | 3.0 | 114 | 200 | 7723 | 1080 |
| CXV 288 | 1241 | 5450 | 7990 | 3720 | 38.8 | 22.0 | 38 | 3.0 | 114 | 200 | 7736 | 1080 |
| CXV 296 | 1275 | 5890 | 8500 | 4160 | 38.1 | 22.0 | 38 | 3.0 | 136 | 200 | 8241 | 1314 |
| CXV 338 | 1452 | 7070 | 10810 | 4670 | 47.9 | 11 & 5.5 | 52 | 5.5 | 136 | 200 | 10555 | 845 |
| CXV 354 | 1525 | 7090 | 10820 | 4680 | 52.7 | 15 & 7.5 | 52 | 5.5 | 136 | 200 | 10568 | 845 |
| CXV 369 | 1585 | 7140 | 10870 | 4730 | 56.7 | 18.5 & 11 | 52 | 5.5 | 136 | 200 | 10618 | 845 |
| CXV 379 | 1633 | 7150 | 10880 | 4740 | 60.3 | 22 & 11 | 52 | 5.5 | 136 | 200 | 10627 | 845 |
| CXV 396 | 1702 | 7760 | 11590 | 5350 | 51.2 | 15 & 7.5 | 52 | 5.5 | 170 | 200 | 11132 | 1080 |
| CXV 411 | 1771 | 7810 | 11640 | 5400 | 55.1 | 18.5 & 11 | 52 | 5.5 | 170 | 200 | 11386 | 1080 |
| CXV 424 | 1822 | 7820 | 11650 | 5410 | 58.6 | 22 & 11 | 52 | 5.5 | 170 | 200 | 11395 | 1080 |
| CXV 435 | 1874 | 8490 | 12410 | 6090 | 57.5 | 22 & 11 | 52 | 5.5 | 201 | 200 | 12155 | 1314 |

Technical Data



1. Refrigerant in ND 100, 2. Refrigerant out ND 100, 3. Make-up ND 25, 4. Overflow ND 80, 5. Drain ND 50, 6. Access



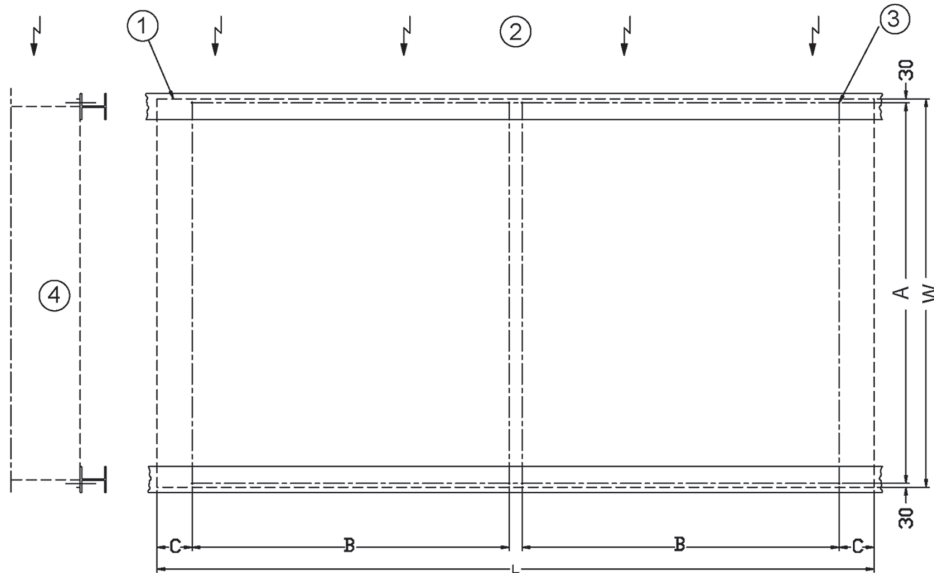
Do not use for construction. Refer to factory certified dimensions. In the interest of product improvement, specifications and dimensions are subject to change without notice.

| Model Number CXV | Base Heat Rejection (kW) | Weight | | | Air Flow (m ³ /s) | Fan Motor (kW) | Spray Water Flow (l/s) | Pump Motor (kW) | R-717 Charge (kg) | Remote Sump | | F (mm) |
|---------------------|--------------------------|---------------|----------------|------------------------------|------------------------------|----------------|------------------------|-----------------|-------------------|-----------------|-----------------------|--------|
| | | Shipping (kg) | Operating (kg) | Heaviest Section (Coil) (kg) | | | | | | Drain Size (mm) | Operating Weight (kg) | |
| CXV 283 | 1219 | 5850 | 9050 | 3960 | 35.0 | 11.0 | 45.1 | 4.0 | 123 | 200 | 8800 | 1080 |
| CXV 297 | 1280 | 5850 | 9080 | 3990 | 38.5 | 15.0 | 45.1 | 4.0 | 123 | 200 | 8823 | 1080 |
| CXV 309 | 1331 | 5900 | 9100 | 4010 | 41.5 | 18.5 | 45.1 | 4.0 | 123 | 200 | 8845 | 1080 |
| CXV 327 | 1409 | 6380 | 9650 | 4490 | 43.1 | 22.0 | 45.1 | 4.0 | 146 | 200 | 9395 | 1314 |
| CXV 416 | 1792 | 8400 | 13230 | 5750 | 53.0 | 11 & 5.5 | 53.6 | 5.5 | 182 | 200 | 12936 | 1080 |
| CXV 437 | 1883 | 8440 | 13270 | 5790 | 58.3 | 15 & 7.5 | 53.6 | 5.5 | 182 | 200 | 12977 | 1080 |
| CXV 454 | 1956 | 8490 | 13320 | 5840 | 62.8 | 18.5 & 11 | 53.6 | 5.5 | 182 | 200 | 13014 | 1080 |
| CXV 468 | 2016 | 8500 | 13330 | 5850 | 66.7 | 22 & 11 | 53.6 | 5.5 | 182 | 200 | 13064 | 1080 |
| CXV 481 | 2072 | 9220 | 14150 | 6570 | 65.3 | 22 & 11 | 53.6 | 5.5 | 216 | 200 | 13882 | 1314 |

**NOTES:****APPLICABLE ON ALL MODELS**

1. The standard right hand arrangement as shown has the air inlet side on the right when facing the connection end. Left hand can be furnished by special order. Pump and refrigerant connections are always located on the same end of the unit.
2. Standard refrigerant in-and outlet connection sizes are ND100, beveled for welding for all CXV models. Other connection sizes are available on special order.
3. Fan motor sizes shown in the table are for 0 mm external static pressure (ESP).
4. Refrigerant charge listed is R717 operating charge. To determine operating charge for R22, multiply charge by 1.93 and for R134A by 1.98.
5. Operating weight shown in the tables is based on total unit weight, weight of refrigerant operating charge and basin filled to overflow level.

Structural Support



| Model Number CXV | Max. Deflection (mm) (4) | Dimensions (mm) | | | | | No. of 16 mm Anchor bolts |
|---------------------|-----------------------------|-----------------|------|------|------|-----|---------------------------|
| | | W | L | A | B | C | |
| 74 - 93 | 5 | 2385 | 1860 | 2325 | - | 255 | 4 |
| 117 - 147 | 8 | 2385 | 2775 | 2325 | - | 255 | 4 |
| 153 - 193 | 10 | 2385 | 3690 | 2325 | - | 255 | 4 |
| 207 - 296 | 10 | 2985 | 3690 | 2925 | - | 255 | 4 |
| 283 - 327 | 10 | 3610 | 3690 | 3550 | - | 255 | 4 |
| 338 - 435 | 12 | 2985 | 5520 | 2925 | 2440 | 270 | 8 |
| 416 - 481 | 12 | 3610 | 5520 | 3550 | 2440 | 270 | 8 |



NOTES:

- Support beams and anchor bolts to be selected and installed by others.
- All support steel must be level at the top.
- Beams must be selected in accordance with accepted structural practice.
- Maximum deflection is for units with water level in pan at overflow.
- Consult your BAC representative for the weight loading diagram before selecting support beams.