

**Positive temperature | R-134a | Axial version**

| Model        | Compressor |              | Cooling capacity / Cold room volume according to cold room temperature |     |      |     |      |     | Power (kW) | Max. Current (A) | Evap. air flow (m³/h) | Refrigerant load (kg) | Weight (kg) | db(A) |
|--------------|------------|--------------|--|-----|------|-----|------|-----|------------|------------------|-----------------------|-----------------------|-------------|-------|
|              | HP         | Power supply | W  | m³  | W    | m³  | W    | m³  |            |                  |                       |                       |             |       |
|              |            |              | 0°C  |     | 5°C  |     | 10°C |     |            |                  |                       |                       |             |       |
| MCV-NY-0 010 | 3/8        | 230V         | 610  | 4,0 | 758  | 7,0 | 907  | 12  | 0,43       | 4,5              | 300                   | <1,0                  | 36          | 29    |
| MCV-NY-0 015 | 1/2        | 230V         | 794  | 6,0 | 961  | 10  | 1139 | 18  | 0,53       | 5,5              | 300                   | <1,0                  | 38          | 32    |
| MCV-NY-1 015 | 1/2        | 230V         | 972  | 8,0 | 1199 | 14  | 1453 | 23  | 0,57       | 5,6              | 500                   | <1,0                  | 60          | 32    |
| MCV-NY-1 026 | 3/4        | 230V         | 1281   | 12  | 1565 | 19  | 1859 | 30  | 0,81       | 9,3              | 500                   | <1,0                  | 69          | 30    |
| MCV-NY-1 033 | 1          | 230V         | 1454   | 14  | 1743 | 25  | 2037 | 41  | 0,92       | 9,5              | 500                   | <1,0                  | 70          | 33    |
| MCV-NY-2 033 | 1          | 230V         | 1790   | 19  | 2163 | 36  | 2573 | 57  | 1,09       | 10,3             | 950                   | <1,5                  | 88          | 34    |
| MCV-NY-2 053 | 1 1/2      | 230V         | 2153   | 24  | 2609 | 41  | 3103 | 72  | 1,46       | 12,9             | 950                   | <1,5                  | 89          | 38    |
| MCV-NY-3 053 | 1 1/2      | 230V         | 2489   | 29  | 3103 | 53  | 3743 | 83  | 1,51       | 13,1             | 1300                  | <2,0                  | 117         | 39    |
| MCV-NY-3 074 | 2          | 230V         | 3239   | 40  | 3938 | 70  | 4667 | 97  | 1,89       | 17,1             | 1300                  | <2,0                  | 114         | 44    |
| MCV-NY-3 108 | 5          | 400V         | 3927   | 51  | 4725 | 110 | 5539 | 130 | 2,48       | 18,6             | 1300                  | <2,0                  | 116         | 45    |

**Negative temperature | R-449A | Axial version**

| Model        | HP    | Power supply | -25°C |     | -20°C |     | -15°C |     | Power (kW) | Max. Current (A) | Evap. air flow (m³/h) | Refrigerant load (kg) | Weight (kg) | db(A) |
|--------------|-------|--------------|-------|-----|-------|-----|-------|-----|------------|------------------|-----------------------|-----------------------|-------------|-------|
|              |       |              | W     | m³  | W     | m³  | W     | m³  |            |                  |                       |                       |             |       |
| BCV-NG-0 018 | 5/8   | 230V         | 382   | 0,6 | 486   | 1,5 | 596   | 2,8 | 0,50       | 4,7              | 300                   | <0,5                  | 38          | 31    |
| BCV-NG-1 026 | 3/4   | 230V         | 550   | 2,1 | 721   | 4,3 | 888   | 7,6 | 0,84       | 8,5              | 550                   | <1,0                  | 60          | 31    |
| BCV-NG-1 034 | 1 1/4 | 230V         | 697   | 3,2 | 882   | 6,1 | 1047  | 10  | 1,05       | 11,0             | 550                   | <1,0                  | 60          | 33    |
| BCV-NG-2 034 | 1 1/4 | 230V         | 793   | 3,8 | 1049  | 7,7 | 1341  | 14  | 1,11       | 11,9             | 950                   | <1,0                  | 89          | 35    |
| BCV-NG-2 055 | 1 3/4 | 230V         | 1155  | 8,0 | 1560  | 15  | 1960  | 26  | 1,60       | 17,5             | 950                   | <1,0                  | 96          | 41    |
| BCV-NG-2 075 | 2 1/2 | 230V         | 1453  | 11  | 1835  | 18  | 2245  | 31  | 2,00       | 25,5             | 950                   | <1,0                  | 101         | 44    |
| BCV-NG-3 075 | 2 1/2 | 230V         | 1680  | 13  | 2150  | 23  | 2635  | 38  | 2,20       | 26,0             | 1300                  | <1,5                  | 113         | 44    |
| BCV-NG-3 096 | 3 1/2 | 400V         | 2022  | 18  | 2492  | 32  | 2942  | 54  | 2,39       | 12,1             | 1300                  | <1,5                  | 129         | 49    |

**Positive temperature | R-134a | Centrifugal version**

| Model        | Conden. Air flow (m³/h) | ASP (mmca) | Model        | Conden. Air flow (m³/h) | ASP (mmca) | Model        | Conden. Air flow (m³/h) | ASP (mmca) |
|--------------|-------------------------|------------|--------------|-------------------------|------------|--------------|-------------------------|------------|
| MCV-CY-0 010 | 375                     | 8          | MCV-CY-1 033 | 575                     | 8          | MCV-CY-3 074 | 1150                    | 8          |
| MCV-CY-0 015 | 375                     | 8          | MCV-CY-2 033 | 950                     | 13         | MCV-CY-3 108 | 1150                    | 8          |
| MCV-CY-1 015 | 575                     | 8          | MCV-CY-2 053 | 950                     | 13         |              |                         |            |
| MCV-CY-1 026 | 575                     | 8          | MCV-CY-3 053 | 1150                    | 8          |              |                         |            |

**Negative temperature | R-449A | Centrifugal version**

| Model        | Conden. Air flow (m <sup>3</sup> /h) | ASP (mmca) | Model        | Conden. Air flow (m <sup>3</sup> /h) | ASP (mmca) | Model        | Conden. Air flow (m <sup>3</sup> /h) | ASP (mmca) |
|--------------|--------------------------------------|------------|--------------|--------------------------------------|------------|--------------|--------------------------------------|------------|
| BCV-CG-0 018 | 375                                  | 8          | BCV-CG-2 034 | 950                                  | 13         | BCV-CG-3 075 | 1150                                 | 8          |
| BCV-CG-1 026 | 575                                  | 8          | BCV-CG-2 055 | 950                                  | 13         | BCV-CG-3 096 | 1150                                 | 8          |
| BCV-CG-1 034 | 575                                  | 8          | BCV-CG-2 075 | 950                                  | 13         |              |                                      |            |

Options:

Change (voltage) power supply

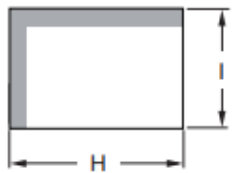
Door micro-switch

Non-return damper (centrifugal)

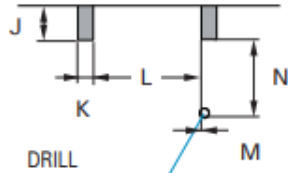
Adaption of air discharge to circular duct

Evaporator coil epoxy anti-corrosion treatment

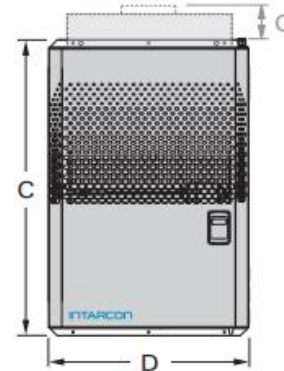
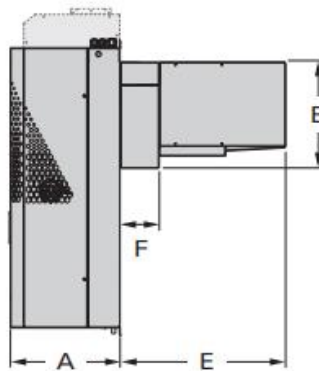
**Mounting frame**



PLUG-IN FRAME



DROP-IN FRAME



| Dimensions (mm) | H   | I   | J   | K  | L   | M  | N   |  |
|-----------------|-----|-----|-----|----|-----|----|-----|--|
| 0 series        | 405 | 515 | n/a |    |     |    |     |  |
| 1 series        | 380 | 335 | 75  | 41 | 295 | 13 | 233 |  |
| 2 series        | 600 | 335 | 75  | 36 | 523 | 13 | 233 |  |
| 3 series        | 710 | 475 | 75  | 41 | 611 | 22 | 356 |  |

| Dimensions (mm) | A   | B   | C   | D   | E   | F   | G   | Fan outlet   |
|-----------------|-----|-----|-----|-----|-----|-----|-----|--------------|
| 0 series        | 306 | 510 | 683 | 420 | 250 | 100 | 90  | 185 x 115    |
| 1 series        | 340 | 330 | 880 | 400 | 514 | 122 | 42  | 185 x 115    |
| 2 series        | 340 | 330 | 920 | 620 | 514 | 122 | 140 | 230 x 130    |
| 3 series        | 365 | 470 | 940 | 735 | 514 | 122 | 50  | 2x 185 x 115 |