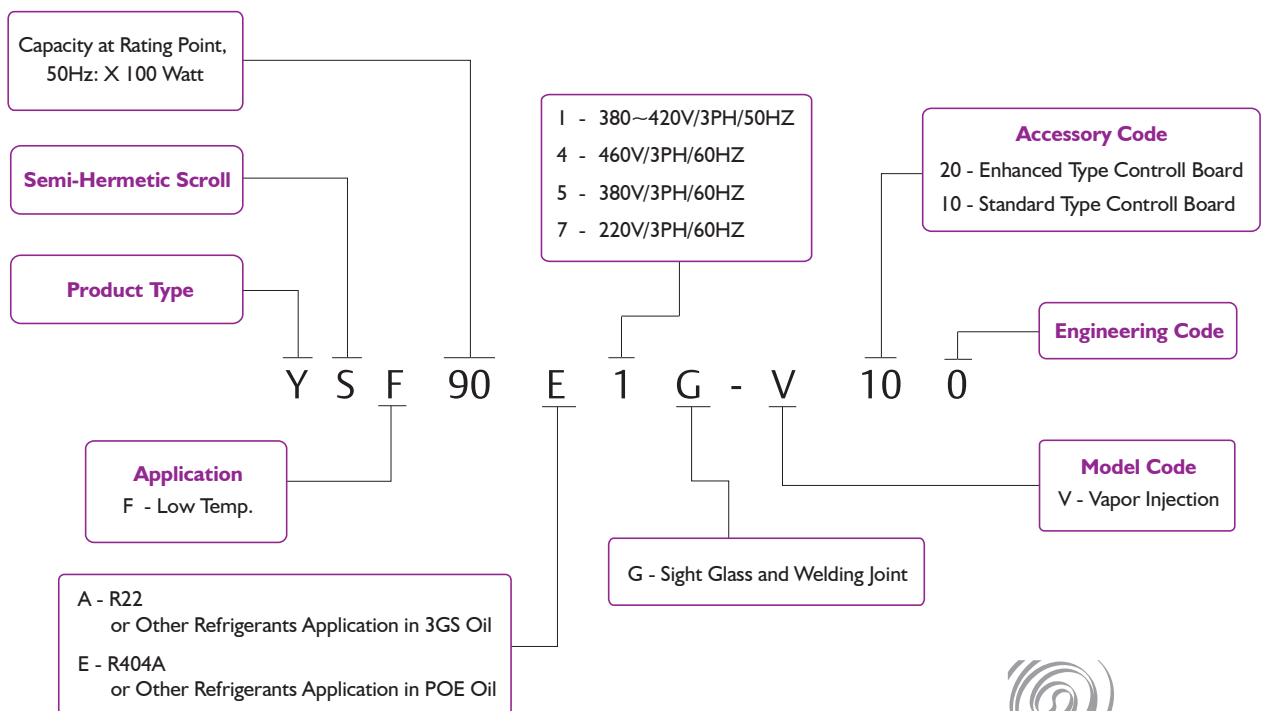
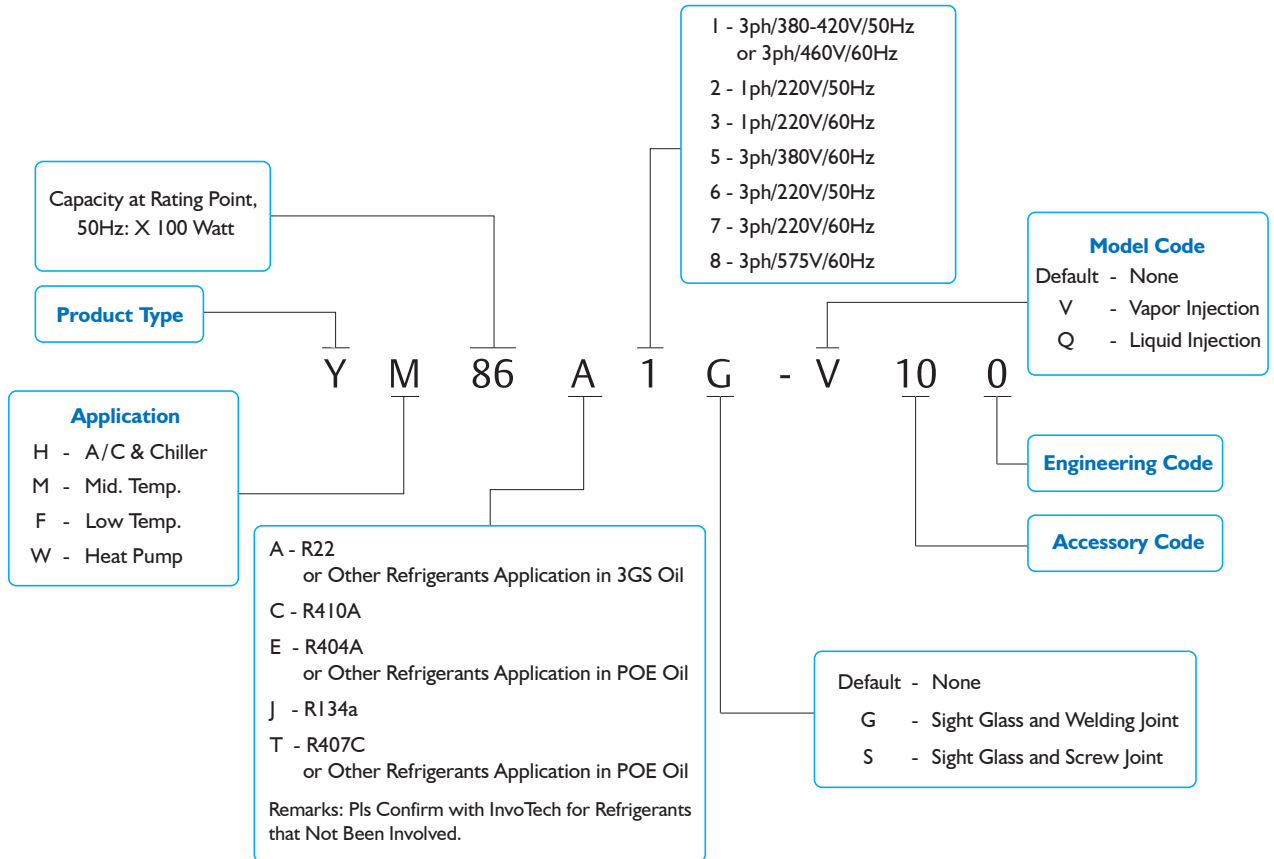


## Nomenclature



# YW Series

## For Heat Pump

| Model        | Electricity<br>V/Hz | Phase | Power<br>(HP) | Displ.<br>m <sup>3</sup> /h | Heating Capacity<br>(W) | Power in Watt<br>(W) | COP<br>(W/W) | Running Current<br>(A) | Dimensions |
|--------------|---------------------|-------|---------------|-----------------------------|-------------------------|----------------------|--------------|------------------------|------------|
| <b>R407C</b> |                     |       |               |                             |                         |                      |              |                        |            |
| YW75T2-100   | 220V/50HZ           | 1     | 3             | 8.1                         | 10000                   | 2740                 | 3.65         | 12.7                   | P16        |
| YW110T2-100  | 220V/50HZ           | 1     | 4             | 11.8                        | 14650                   | 3900                 | 3.76         | 18.5                   | P16        |
| YW75T1-100   | 380V/50HZ           | 3     | 3             | 8.1                         | 9920                    | 2660                 | 3.73         | 5.8                    | P16        |
| YW110T1-100  | 380V/50HZ           | 3     | 4             | 11.8                        | 14590                   | 3840                 | 3.80         | 7.4                    | P16        |
| YW135T1-100  | 380V/50HZ           | 3     | 5             | 14.5                        | 17520                   | 4550                 | 3.85         | 8.4                    | P16        |
| YW160T1-100  | 380V/50HZ           | 3     | 6             | 17.1                        | 20480                   | 5320                 | 3.85         | 9.6                    | P16        |
| YW190T1-100  | 380V/50HZ           | 3     | 7.5           | 20.1                        | 25270                   | 6646                 | 3.80         | 12.5                   | P17        |
| YW205T1-100  | 380V/50HZ           | 3     | 8             | 21.4                        | 26717                   | 6979                 | 3.83         | 13.0                   | P17        |
| YW245T1-100  | 380V/50HZ           | 3     | 9             | 25.3                        | 31772                   | 8252                 | 3.85         | 14.7                   | P17        |
| YW285T1-100  | 380V/50HZ           | 3     | 10            | 29.1                        | 36829                   | 9469                 | 3.89         | 16.6                   | P17        |
| YW320T1-100  | 380V/50HZ           | 3     | 12            | 32.9                        | 41285                   | 10565                | 3.91         | 18.2                   | P17        |

Ambient Temp. 35°C, E.T. 5°C, C.T. 55°C, Subcooling 8.3K, R.G.T. 16.1°C



# YW Series

For Heat Pump

| Model                   | Electricity<br>V/Hz | Phase | Power<br>(HP) | Displ.<br>m³/h | Heating Capacity<br>(W) | Power in Watt<br>(W) | COP<br>(W/W) | Running Current<br>(A) | Dimensions |
|-------------------------|---------------------|-------|---------------|----------------|-------------------------|----------------------|--------------|------------------------|------------|
| <b>R407C - With EVI</b> |                     |       |               |                |                         |                      |              |                        |            |
| YW75T2-V100             | 220V/50HZ           | 1     | 3             | 8.1            | 10000                   | 2740                 | 3.65         | 12.7                   | P16        |
| YW110T2-V100            | 220V/50HZ           | 1     | 4             | 11.8           | 14650                   | 3900                 | 3.76         | 18.5                   | P16        |
| YW75T1-V100             | 380V/50HZ           | 3     | 3             | 8.1            | 11180                   | 2910                 | 3.84         | 6.3                    | P16        |
| YW110T1-V100            | 380V/50HZ           | 3     | 4             | 11.8           | 16380                   | 4190                 | 3.91         | 7.9                    | P16        |
| YW135T1-V100            | 380V/50HZ           | 3     | 5             | 14.5           | 19700                   | 4970                 | 3.96         | 9.2                    | P16        |
| YW160T1-V100            | 380V/50HZ           | 3     | 6             | 17.1           | 23030                   | 5810                 | 3.96         | 10.3                   | P16        |
| YW190T1-V100            | 380V/50HZ           | 3     | 7.5           | 20.1           | 26467                   | 6912                 | 3.83         | 12.9                   | P17        |
| YW205T1-V100            | 380V/50HZ           | 3     | 8             | 21.4           | 27983                   | 7258                 | 3.86         | 13.5                   | P17        |
| YW245T1-V100            | 380V/50HZ           | 3     | 9             | 25.3           | 33278                   | 8582                 | 3.88         | 15.2                   | P17        |
| YW285T1-V100            | 380V/50HZ           | 3     | 10            | 29.1           | 38576                   | 9848                 | 3.92         | 17.2                   | P17        |
| YW320T1-V100            | 380V/50HZ           | 3     | 12            | 32.9           | 43243                   | 10987                | 3.94         | 18.9                   | P17        |
| <b>R410A</b>            |                     |       |               |                |                         |                      |              |                        |            |
| YW75C1-100              | 380V/50HZ           | 3     | 3             | 5.8            | 10626                   | 2826                 | 3.76         | 5.3                    | P16        |
| YW110C1-100             | 380V/50HZ           | 3     | 4             | 8.1            | 14577                   | 3877                 | 3.76         | 7.4                    | P16        |
| YW135C1-100             | 380V/50HZ           | 3     | 5             | 10.3           | 18593                   | 4893                 | 3.80         | 8.7                    | P16        |
| YW160C1-100             | 380V/50HZ           | 3     | 6             | 11.8           | 21403                   | 5603                 | 3.82         | 9.8                    | P16        |
| YW270C1-100             | 380V/50HZ           | 3     | 10            | 20.1           | 37321                   | 9821                 | 3.80         | 16.7                   | P17        |
| YW300C1-100             | 380V/50HZ           | 3     | 11            | 22.2           | 41290                   | 10766                | 3.83         | 18.2                   | P17        |
| YW320C1-100             | 380V/50HZ           | 3     | 12            | 22.9           | 42670                   | 11170                | 3.82         | 18.9                   | P17        |
| <b>R410A - With EVI</b> |                     |       |               |                |                         |                      |              |                        |            |
| YW75C1-V100             | 380V/50HZ           | 3     | 3             | 5.8            | 11129                   | 2939                 | 3.79         | 5.4                    | P16        |
| YW110C1-V100            | 380V/50HZ           | 3     | 4             | 8.1            | 15267                   | 4032                 | 3.79         | 7.5                    | P16        |
| YW135C1-V100            | 380V/50HZ           | 3     | 5             | 10.3           | 19474                   | 5089                 | 3.83         | 8.9                    | P16        |
| YW160C1-V100            | 380V/50HZ           | 3     | 6             | 11.8           | 22417                   | 5827                 | 3.85         | 10.1                   | P16        |
| YW270C1-V100            | 380V/50HZ           | 3     | 10            | 20.1           | 38300                   | 10000                | 3.83         | 17.8                   | P17        |
| YW300C1-V100            | 380V/50HZ           | 3     | 11            | 22.2           | 42305                   | 10968                | 3.85         | 18.5                   | P17        |
| YW320C1-V100            | 380V/50HZ           | 3     | 12            | 22.9           | 43580                   | 11380                | 3.83         | 19.2                   | P17        |

Ambient Temp. 35°C, E.T. 5°C, C.T. 55°C, Subcooling 8.3K, R.G.T. 16.1°C

| Model                 | Electricity<br>V/Hz | Phase | Power<br>(HP) | Displ.<br>m <sup>3</sup> /h | Heating Capacity<br>(W) | Power in Watt<br>(W) | COP<br>(W/W) | Running Current<br>(A) | Dimensions |
|-----------------------|---------------------|-------|---------------|-----------------------------|-------------------------|----------------------|--------------|------------------------|------------|
| <b>R22</b>            |                     |       |               |                             |                         |                      |              |                        |            |
| YW75A2-100            | 220V/50HZ           | 1     | 3             | 8.1                         | 10200                   | 2710                 | 3.76         | 12.6                   | P16        |
| YW110A2-100           | 220V/50HZ           | 1     | 4             | 11.8                        | 15060                   | 3860                 | 3.90         | 18.3                   | P16        |
| YW75A1-100            | 380V/50HZ           | 3     | 3             | 8.1                         | 10200                   | 2630                 | 3.88         | 5.7                    | P16        |
| YW110A1-100           | 380V/50HZ           | 3     | 4             | 11.8                        | 15000                   | 3800                 | 3.95         | 7.3                    | P16        |
| YW135A1-100           | 380V/50HZ           | 3     | 5             | 14.5                        | 18000                   | 4500                 | 4.00         | 8.3                    | P16        |
| YW160A1-100           | 380V/50HZ           | 3     | 6             | 17.1                        | 21040                   | 5260                 | 4.00         | 9.5                    | P16        |
| YW190A1-100           | 380V/50HZ           | 3     | 7.5           | 20.1                        | 25980                   | 6580                 | 3.95         | 12.4                   | P17        |
| YW205A1-100           | 380V/50HZ           | 3     | 8             | 21.4                        | 27470                   | 6910                 | 3.98         | 12.9                   | P17        |
| YW245A1-100           | 380V/50HZ           | 3     | 9             | 25.3                        | 32670                   | 8170                 | 4.00         | 14.6                   | P17        |
| YW285A1-100           | 380V/50HZ           | 3     | 10            | 29.1                        | 37875                   | 9375                 | 4.04         | 16.4                   | P17        |
| YW320A1-100           | 380V/50HZ           | 3     | 12            | 32.9                        | 42460                   | 10460                | 4.06         | 18.0                   | P17        |
| <b>R22 - With EVI</b> |                     |       |               |                             |                         |                      |              |                        |            |
| YW75A2-V100           | 220V/50HZ           | 1     | 3             | 8.1                         | 11450                   | 2960                 | 3.87         | 13.7                   | P16        |
| YW110A2-V100          | 220V/50HZ           | 1     | 4             | 11.8                        | 16920                   | 4220                 | 4.00         | 20.0                   | P16        |
| YW75A1-V100           | 380V/50HZ           | 3     | 3             | 8.1                         | 11470                   | 2870                 | 4.00         | 6.2                    | P16        |
| YW110A1-V100          | 380V/50HZ           | 3     | 4             | 11.8                        | 16850                   | 4150                 | 4.06         | 7.8                    | P16        |
| YW135A1-V100          | 380V/50HZ           | 3     | 5             | 14.5                        | 20220                   | 4910                 | 4.12         | 9.1                    | P16        |
| YW160A1-V100          | 380V/50HZ           | 3     | 6             | 17.1                        | 23640                   | 5740                 | 4.12         | 10.1                   | P16        |
| YW190A1-V100          | 380V/50HZ           | 3     | 7.5           | 20.1                        | 27213                   | 6843                 | 3.98         | 12.8                   | P17        |
| YW205A1-V100          | 380V/50HZ           | 3     | 8             | 21.4                        | 28774                   | 7186                 | 4.00         | 13.3                   | P17        |
| YW245A1-V100          | 380V/50HZ           | 3     | 9             | 25.3                        | 34222                   | 8497                 | 4.03         | 15.0                   | P17        |
| YW285A1-V100          | 380V/50HZ           | 3     | 10            | 29.1                        | 39675                   | 9750                 | 4.07         | 17.0                   | P17        |
| YW320A1-V100          | 380V/50HZ           | 3     | 12            | 32.9                        | 44478                   | 10878                | 4.09         | 18.7                   | P17        |

Ambient Temp. 35°C, E.T. 5°C, C.T. 55°C, Subcooling 8.3K, R.G.T. 16.1°C

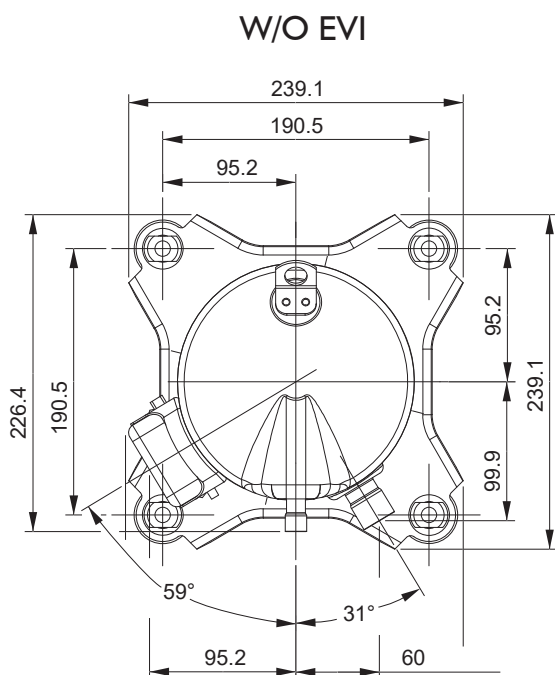
# YW Series

For Heat Pump (Ultra-High Temp)

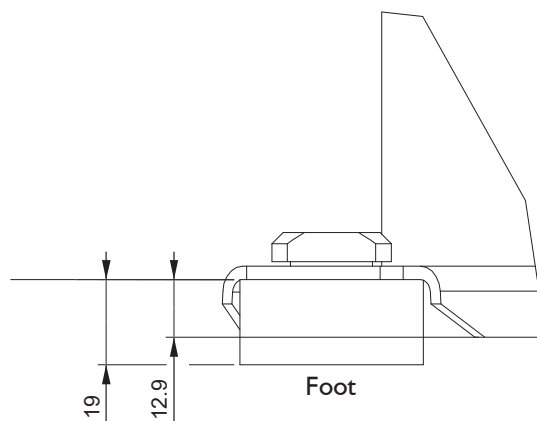
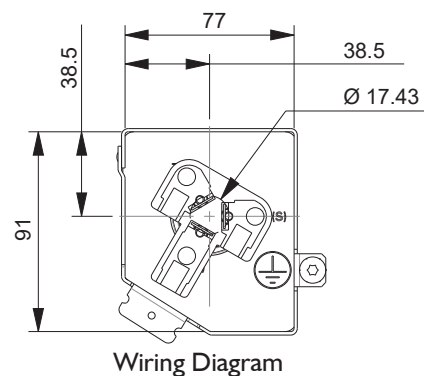
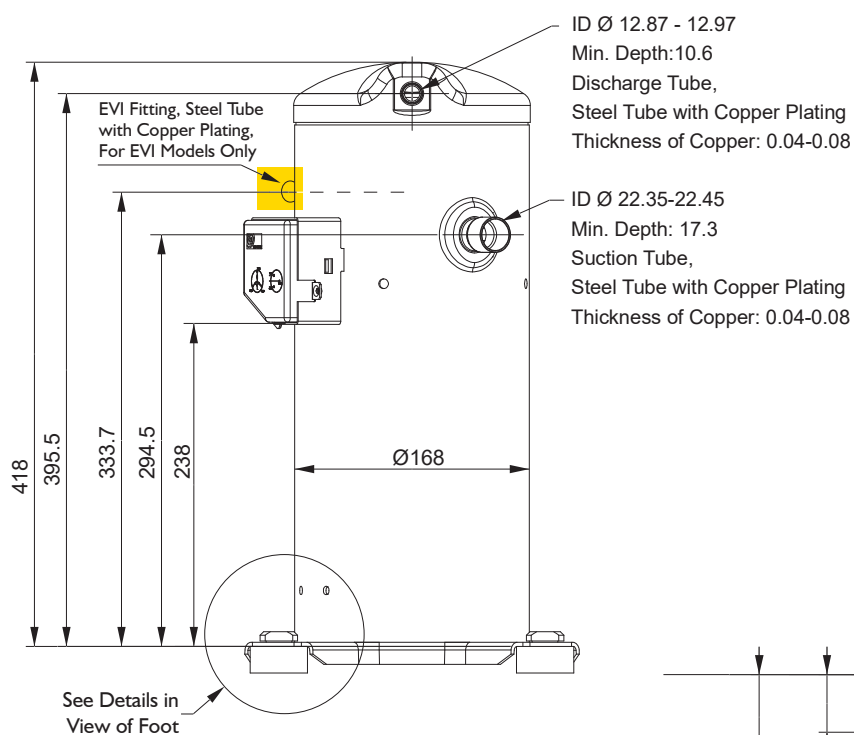
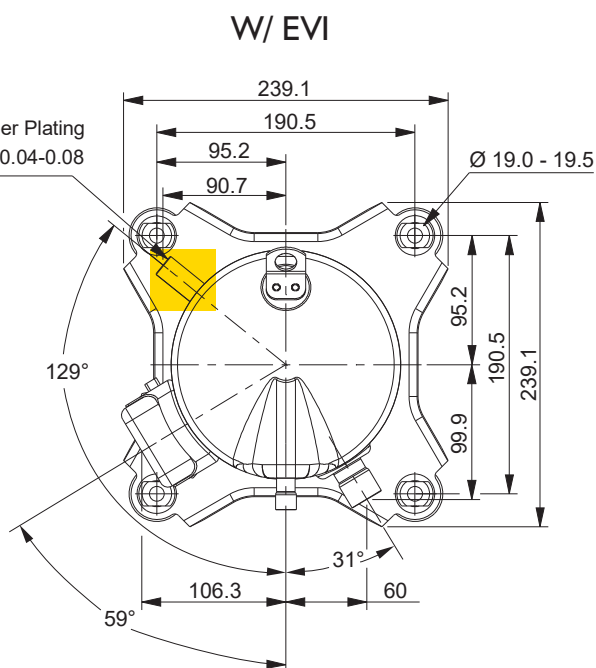
| Model                   | Electricity V/Hz | Phase | Power (HP) | Displ. m³/h | Heating Capacity (W) | Power in Watt (W) | COP (W/W) | Running Current (A) | Dimensions |
|-------------------------|------------------|-------|------------|-------------|----------------------|-------------------|-----------|---------------------|------------|
| <b>R134a</b>            |                  |       |            |             |                      |                   |           |                     |            |
| YW55J2-100              | 220V/50HZ        | 1     | 2          | 8.1         | 7180                 | 1700              | 4.23      | 7.9                 | P16        |
| YW80J2-100              | 220V/50HZ        | 1     | 3          | 11.8        | 10450                | 2450              | 4.27      | 11.6                | P16        |
| YW55J1-100              | 380V/50HZ        | 3     | 3          | 8.1         | 7180                 | 1689              | 4.25      | 4.1                 | P16        |
| YW80J1-100              | 380V/50HZ        | 3     | 4          | 11.8        | 10430                | 2437              | 4.28      | 5.9                 | P16        |
| YW100J1-100             | 380V/50HZ        | 3     | 5          | 14.5        | 13000                | 3023              | 4.30      | 6.4                 | P16        |
| YW120J1-100             | 380V/50HZ        | 3     | 6          | 17.1        | 15530                | 3612              | 4.30      | 7.4                 | P16        |
| YW132J1-100             | 380V/50HZ        | 3     | 6.5        | 18.3        | 16500                | 3837              | 4.30      | 7.7                 | P16        |
| YW140J1-100             | 380V/50HZ        | 3     | 7          | 20.1        | 17530                | 4125              | 4.25      | 9.0                 | P17        |
| YW155J1-100             | 380V/50HZ        | 3     | 7.5        | 21.4        | 18830                | 4400              | 4.28      | 9.5                 | P17        |
| YW180J1-100             | 380V/50HZ        | 3     | 8          | 25.3        | 23450                | 5450              | 4.30      | 11.0                | P17        |
| YW200J1-100             | 380V/50HZ        | 3     | 9          | 29.1        | 25540                | 5940              | 4.30      | 11.6                | P17        |
| YW240J1-100             | 380V/50HZ        | 3     | 10         | 32.9        | 29220                | 6720              | 4.35      | 12.5                | P17        |
| <b>R134a - With EVI</b> |                  |       |            |             |                      |                   |           |                     |            |
| YW55J2-V100             | 220V/50HZ        | 1     | 2          | 8.1         | 7522                 | 1768              | 4.25      | 8.6                 | P16        |
| YW80J2-V100             | 220V/50HZ        | 1     | 3          | 11.8        | 10948                | 2548              | 4.30      | 12.6                | P16        |
| YW55J1-V100             | 380V/50HZ        | 3     | 3          | 8.1         | 7522                 | 1757              | 4.28      | 4.2                 | P16        |
| YW80J1-V100             | 380V/50HZ        | 3     | 4          | 11.8        | 10927                | 2534              | 4.31      | 6.0                 | P16        |
| YW100J1-V100            | 380V/50HZ        | 3     | 5          | 14.5        | 13620                | 3144              | 4.33      | 6.6                 | P16        |
| YW120J1-V100            | 380V/50HZ        | 3     | 6          | 17.1        | 16270                | 3756              | 4.33      | 7.6                 | P16        |
| YW132J1-V100            | 380V/50HZ        | 3     | 6.5        | 18.3        | 17325                | 4029              | 4.30      | 7.9                 | P16        |
| YW140J1-V100            | 380V/50HZ        | 3     | 7          | 20.1        | 18365                | 4290              | 4.28      | 9.2                 | P17        |
| YW155J1-V100            | 380V/50HZ        | 3     | 7.5        | 21.4        | 19728                | 4576              | 4.31      | 9.7                 | P17        |
| YW180J1-V100            | 380V/50HZ        | 3     | 8          | 25.3        | 24568                | 5668              | 4.33      | 11.3                | P17        |
| YW200J1-V100            | 380V/50HZ        | 3     | 9          | 29.1        | 26758                | 6178              | 4.33      | 11.9                | P17        |
| YW240J1-V100            | 380V/50HZ        | 3     | 10         | 32.9        | 30614                | 6989              | 4.38      | 12.9                | P17        |

Ambient Temp. 35°C, E.T. 7.2°C, C.T. 54.4°C, Subcooling 8.3K, R.G.T. 18.3°C

## Product Dimensions



ID Ø 12.80 - 12.90  
Depth: 9.8-10.0  
EVI Fitting,  
Steel Tube with Copper Plating  
Thickness of Copper: 0.04-0.08



## Product Dimensions

