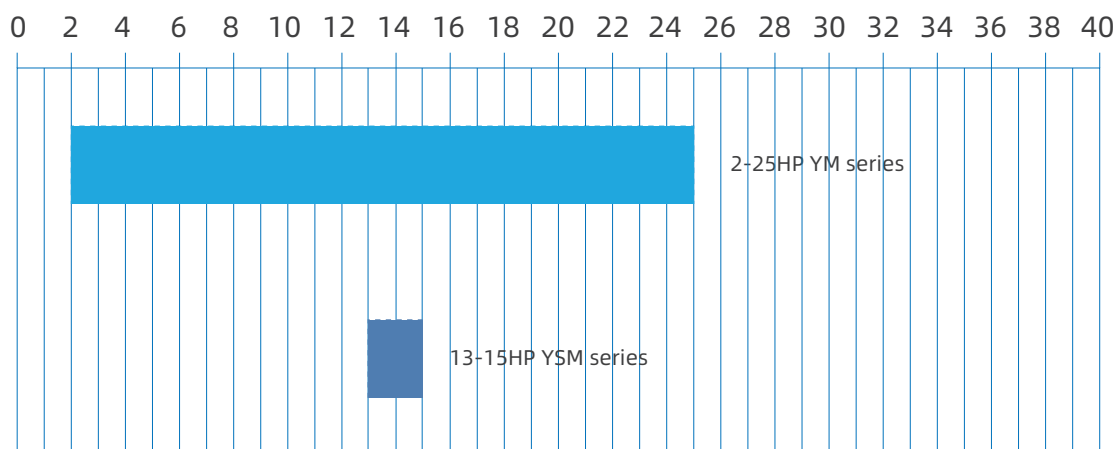
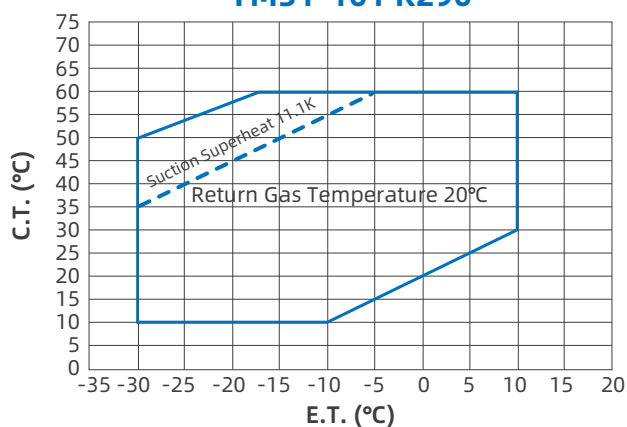


## YM/YSM Series

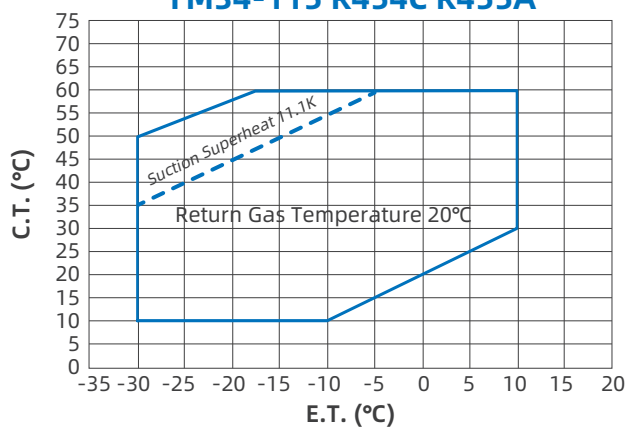
### Models / Operating Envelope



#### YM31-101 R290



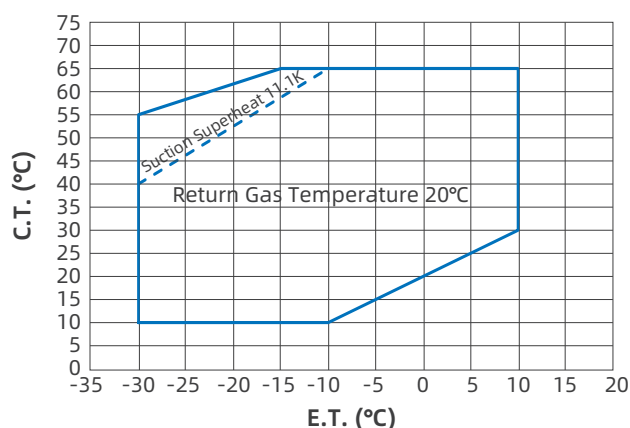
#### YM34-115 R454C R455A



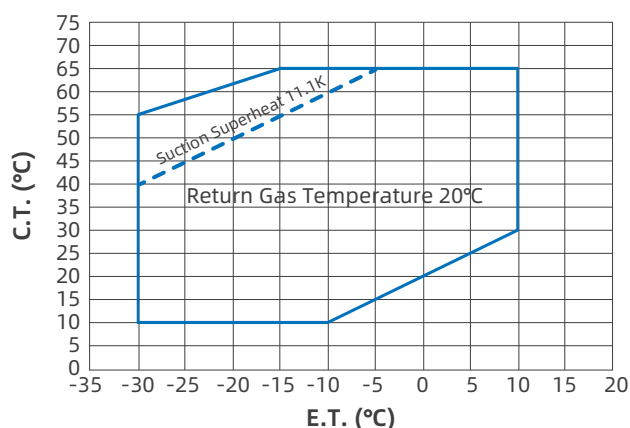
## YM/YIM Series

### Models / Operating Envelope

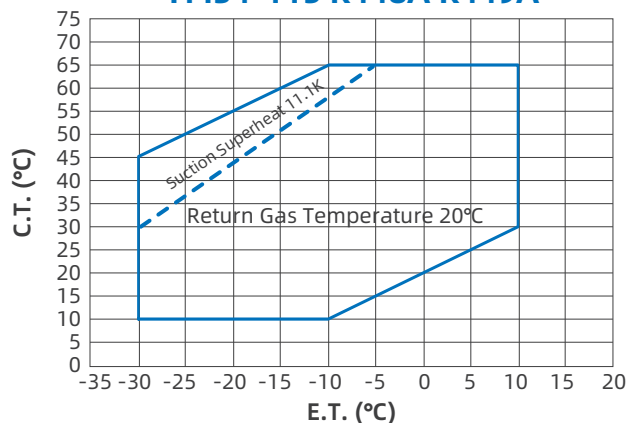
**YM34-260/YMZ46-110/YSM235-260 R404A**



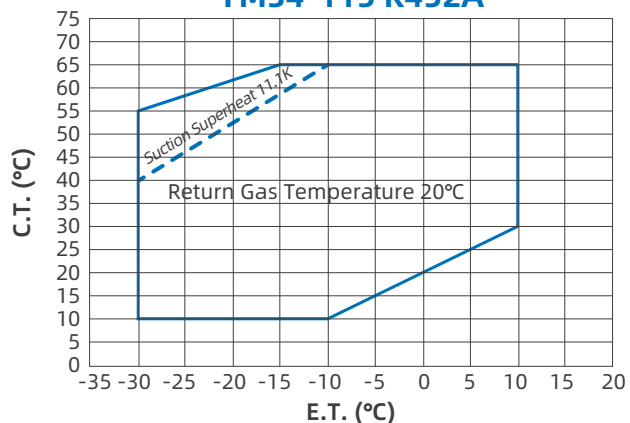
**YM350-410 R404A**



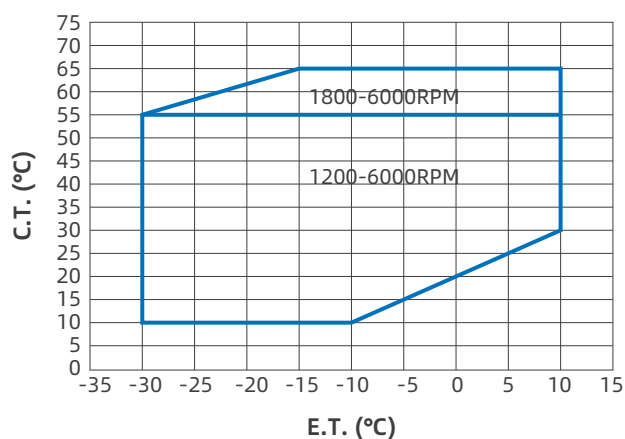
**YM34-115 R448A R449A**



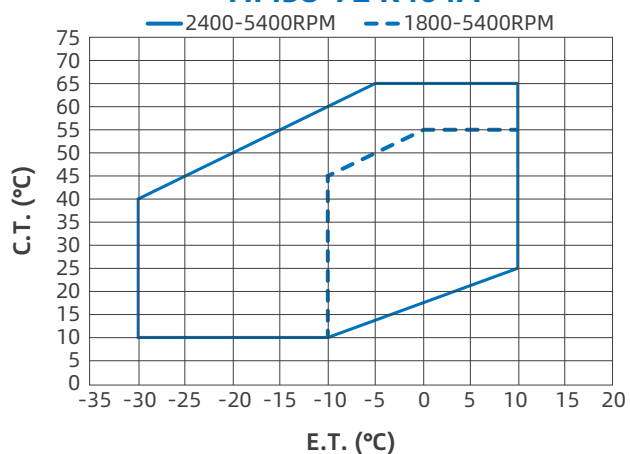
**YM34-115 R452A**



**YIM38-72 R290**



**YIM38-72 R404A**



## YM Series

## Specifications

## 50Hz

## R404A

| Model                     | YM34E<br>2G-102  | YM43E<br>2G-102 | YM49E<br>2G-102 | YM60E<br>2G-100 | YM70E<br>2G-100 | YM86E<br>2G-100 | YM34E<br>1G-100  | YM43E<br>1G-100 | YM49E<br>1G-100 | YM60E<br>1G-100 | YM70E<br>1G-100 | YM86E<br>1G-100 |
|---------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Electricity               | 220V/1~/50Hz     |                 |                 |                 |                 |                 | 380-420V/3~/50Hz |                 |                 |                 |                 |                 |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Power in Horse Power (HP) | 2                | 2.5             | 3               | 3.5             | 4               | 5               | 2                | 2.5             | 3               | 3.5             | 4               | 5               |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Displacement (cc/rev)     | 33.3             | 42              | 46.6            | 58              | 67.8            | 83.3            | 33.3             | 42              | 46.6            | 58              | 67.8            | 83.3            |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Refrigerant               | R404A            |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Cooling Capacity (W)      | 3560             | 4250            | 4840            | 6100            | 6920            | 8500            | 3560             | 4250            | 4840            | 6100            | 6920            | 8500            |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Power in Watt (W)         | 2070             | 2361            | 2689            | 3220            | 3601            | 4427            | 2034             | 2297            | 2547            | 3220            | 3530            | 4250            |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| COP (W/W)                 | 1.72             | 1.76            | 1.8             | 1.89            | 1.92            | 1.92            | 1.75             | 1.85            | 1.9             | 1.89            | 1.96            | 2               |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Running Current (A)       | 9.4              | 11.2            | 12.7            | 14.6            | 16.9            | 21.2            | 3.5              | 4.8             | 5.1             | 6.5             | 7               | 8               |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| LRA (A)                   | 76               | 76              | 76              | 109             | 109             | 140             | 22               | 45              | 45              | 60              | 60              | 60              |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| MOC (A)                   | 16.2             | 17.2            | 19              | 24.5            | 28.1            | 33.4            | 5.2              | 6.4             | 6.9             | 8.5             | 10.3            | 12.2            |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Crankcase Heater (W)      | 70               |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Fitting Dimensions (mm)   |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Discharge Tube (ID)       | 12.87-12.97      |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Suction Tube(ID)          | 22.35-22.45      |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Product Dimensions (mm)   |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Length (L)                | 239              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Width (W)                 | 239              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Height (H)                | 418              |                 |                 |                 |                 | 463             | 418              |                 |                 |                 |                 | 463             |
| Feet Dimensions (Hole)    | 190.5×190.5(8.8) |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Oil Type                  | POE              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Initial Charge Volume (L) | 1.4              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 | 1.6             |
| Recharge Volume (L)       | 1.25             |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 | 1.45            |
| Max Pressure (MPa)        |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| High Side                 | 3.2              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Low Side                  | 2                |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |
| Weight (kg)               | 31               | 31              | 31              | 33              | 33              | 38              | 29               | 30              | 30              | 31              | 31              | 32              |

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Subcooling

## YM Series

## 50Hz

### Specifications

## R448A R449A

| Model                     | YM34E<br>2G-102  | YM43E<br>2G-102 | YM49E<br>2G-102 | YM60E<br>2G-100 | YM70E<br>2G-100 | YM86E<br>2G-100 | YM34E<br>1G-100  | YM43E<br>1G-100 | YM49E<br>1G-100 | YM60E<br>1G-100 | YM70E<br>1G-100 | YM86E<br>1G-100 | YM102E<br>1G-100 | YM115E<br>1G-100 |  |
|---------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|--|
| Electricity               | 220V/1~/50Hz     |                 |                 |                 |                 |                 | 380-420V/3~/50Hz |                 |                 |                 |                 |                 |                  |                  |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Power in Horse Power (HP) | 2                | 2.5             | 3               | 3.5             | 4               | 5               | 2                | 2.5             | 3               | 3.5             | 4               | 5               | 6                | 7                |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Displacement (cc/rev)     | 33.3             | 42              | 46.6            | 58              | 67.8            | 83.3            | 33.3             | 42              | 46.6            | 58              | 67.8            | 83.3            | 98.3             | 108              |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Refrigerant               | R448A R449A      |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Cooling Capacity (W)      | 3694             | 4410            | 5022            | 6329            | 7343            | 9020            | 3687             | 4401            | 5012            | 6317            | 7343            | 9020            | 10718            | 12021            |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Power in Watt (W)         | 1815             | 2166            | 2287            | 2954            | 3376            | 4150            | 1858             | 2098            | 2326            | 2941            | 3045            | 4100            | 4872             | 5464             |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| COP (W/W)                 | 2.04             | 2.04            | 2.2             | 2.14            | 2.18            | 2.17            | 1.98             | 2.1             | 2.15            | 2.15            | 2.16            | 2.2             | 2.2              | 2.2              |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Running Current (A)       | 8.3              | 9.9             | 10.5            | 13.6            | 15.5            | 19              | 3.7              | 4.1             | 4.6             | 5.8             | 6.3             | 7.6             | 9                | 10.1             |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| LRA (A)                   | 76               | 76              | 76              | 109             | 109             | 140             | 22               | 45              | 45              | 60              | 60              | 60              | 65               | 85               |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| MOC (A)                   | 13.8             | 16.5            | 17.4            | 22.5            | 27.2            | 33.5            | 5.4              | 6.1             | 6.8             | 8.6             | 10.4            | 12.5            | 14.9             | 15.8             |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Crankcase Heater (W)      | 70               |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Fitting Dimensions (mm)   |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Discharge Tube (ID)       | 12.87-12.97      |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Suction Tube(ID)          | 22.35-22.45      |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Product Dimensions (mm)   |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Length (L)                | 239              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Width (W)                 | 239              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Height (H)                | 418              |                 |                 |                 |                 | 463             | 418              |                 |                 |                 |                 | 463             |                  |                  |  |
| Feet Dimensions (Hole)    | 190.5x190.5(8.8) |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Oil Type                  | POE              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Initial Charge Volume (L) | 1.4              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 | 1.6             |                  |                  |  |
| Recharge Volume (L)       | 1.25             |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 | 1.45            |                  |                  |  |
| Max Pressure (MPa)        |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| High Side                 | 3.2              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Low Side                  | 2                |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Weight (kg)               | 31               | 31              | 31              | 33              | 33              | 38              | 29               | 30              | 30              | 31              | 31              | 32              | 33               | 38               |  |

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Subcooling

## YM Series

## Specifications

## 50Hz

## R452A

| Model                     | YM34E<br>2G-102  | YM43E<br>2G-102 | YM49E<br>2G-102 | YM60E<br>2G-100 | YM70E<br>2G-100 | YM86E<br>2G-100 | YM34E<br>1G-100  | YM43E<br>1G-100 | YM49E<br>1G-100 | YM60E<br>1G-100 | YM70E<br>1G-100 | YM86E<br>1G-100 | YM102E<br>1G-100 | YM115E<br>1G-100 |  |
|---------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|--|
| Electricity               | 220V/1~/50Hz     |                 |                 |                 |                 |                 | 380-420V/3~/50Hz |                 |                 |                 |                 |                 |                  |                  |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Power in Horse Power (HP) | 2                | 2.5             | 3               | 3.5             | 4               | 5               | 2                | 2.5             | 3               | 3.5             | 4               | 5               | 6                | 7                |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Displacement (cc/rev)     | 33.3             | 42              | 46.6            | 58              | 67.8            | 83.3            | 33.3             | 42              | 46.6            | 58              | 67.8            | 83.3            | 98.3             | 108              |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Refrigerant               | R452A            |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Cooling Capacity (W)      | 3560             | 4250            | 4840            | 6100            | 6920            | 8500            | 3560             | 4250            | 4840            | 6100            | 6920            | 8500            | 10100            | 11328            |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Power in Watt (W)         | 1978             | 2361            | 2493            | 3220            | 3601            | 4427            | 2034             | 2297            | 2547            | 3220            | 3530            | 4250            | 5050             | 5100             |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| COP (W/W)                 | 1.8              | 1.76            | 1.94            | 1.89            | 1.92            | 1.92            | 1.75             | 1.85            | 1.9             | 1.89            | 1.96            | 2               | 2                | 2.22             |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Running Current (A)       | 9.4              | 11.2            | 11.5            | 14.6            | 16.9            | 21.2            | 3.5              | 4.8             | 5.1             | 6.5             | 7               | 8               | 9.4              | 11.2             |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| LRA (A)                   | 76               | 76              | 76              | 109             | 109             | 140             | 22               | 45              | 45              | 60              | 60              | 60              | 65               | 85               |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| MOC (A)                   | 16.2             | 17.2            | 19              | 24.5            | 28.1            | 33.4            | 5.2              | 6.4             | 6.9             | 8.5             | 10.3            | 12.2            | 14.3             | 17.1             |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Crankcase Heater (W)      | 70               |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Fitting Dimensions (mm)   |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Discharge Tube (ID)       | 12.87-12.97      |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Suction Tube(ID)          | 22.35-22.45      |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Product Dimensions (mm)   |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Length (L)                | 239              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Width (W)                 | 239              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Height (H)                | 418              |                 |                 |                 |                 | 463             | 418              |                 |                 |                 |                 | 463             |                  |                  |  |
| Feet Dimensions (Hole)    | 190.5x190.5(8.8) |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
|                           |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Oil Type                  | POE              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Initial Charge Volume (L) | 1.4              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 | 1.6             |                  |                  |  |
| Recharge Volume (L)       | 1.25             |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 | 1.45            |                  |                  |  |
| Max Pressure (MPa)        |                  |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| High Side                 | 3.2              |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Low Side                  | 2                |                 |                 |                 |                 |                 |                  |                 |                 |                 |                 |                 |                  |                  |  |
| Weight (kg)               | 31               | 31              | 31              | 33              | 33              | 38              | 29               | 30              | 30              | 31              | 31              | 32              | 33               | 38               |  |

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Subcooling

## YM Series

### Capacity

50Hz

R290

| Model        |                 | C.T.<br>(°C)    | E.T. (°C) |      |      |      |      |       |       |       |       |       |
|--------------|-----------------|-----------------|-----------|------|------|------|------|-------|-------|-------|-------|-------|
|              |                 |                 | -30       | -25  | -20  | -15  | -10  | -5    | 0     | 5     | 10    |       |
| YM31P1-100   | Capacity<br>(W) | 60              |           |      |      | 1972 | 2369 | 2826  | 3350  | 3945  | 4615  |       |
|              |                 | 50              | 1257      | 1536 | 1871 | 2264 | 2721 | 3247  | 3846  | 4523  | 5282  |       |
|              |                 | 40              | 1422      | 1736 | 2111 | 2552 | 3065 | 3652  | 4321  | 5074  | 5918  |       |
|              |                 | 30              | 1575      | 1917 | 2327 | 2810 | 3372 | 4016  | 4748  | 5572  | 6494  |       |
|              | Power<br>(W)    | 60              |           |      |      | 1610 | 1696 | 1771  | 1837  | 1895  | 1944  |       |
|              |                 | 50              | 1170      | 1258 | 1337 | 1407 | 1470 | 1526  | 1576  | 1621  | 1661  |       |
|              |                 | 40              | 1059      | 1120 | 1175 | 1225 | 1271 | 1314  | 1354  | 1393  | 1430  |       |
|              |                 | 30              | 931       | 972  | 1010 | 1046 | 1082 | 1118  | 1154  | 1193  | 1233  |       |
|              | YM37P1-100      | Capacity<br>(W) | 60        |      |      |      | 2505 | 3008  | 3589  | 4255  | 5010  | 5862  |
|              |                 |                 | 50        | 1596 | 1951 | 2376 | 2875 | 3456  | 4123  | 4884  | 5744  | 6709  |
|              |                 |                 | 40        | 1806 | 2205 | 2681 | 3242 | 3892  | 4639  | 5487  | 6444  | 7515  |
|              |                 |                 | 30        | 2000 | 2434 | 2955 | 3569 | 4282  | 5101  | 6030  | 7077  | 8247  |
| Power<br>(W) |                 | 60              |           |      |      | 1981 | 2086 | 2179  | 2260  | 2330  | 2391  |       |
|              |                 | 50              | 1439      | 1547 | 1644 | 1731 | 1808 | 1877  | 1938  | 1993  | 2043  |       |
|              |                 | 40              | 1302      | 1377 | 1445 | 1507 | 1564 | 1617  | 1666  | 1713  | 1759  |       |
|              |                 | 30              | 1145      | 1195 | 1242 | 1287 | 1331 | 1375  | 1420  | 1467  | 1517  |       |
| YM42P1-100   |                 | Capacity<br>(W) | 60        |      |      |      | 2805 | 3369  | 4020  | 4765  | 5611  | 6565  |
|              |                 |                 | 50        | 1787 | 2185 | 2661 | 3220 | 3870  | 4618  | 5470  | 6433  | 7514  |
|              |                 |                 | 40        | 2023 | 2469 | 3003 | 3631 | 4359  | 5195  | 6146  | 7218  | 8417  |
|              |                 |                 | 30        | 2240 | 2726 | 3310 | 3997 | 4796  | 5713  | 6754  | 7926  | 9236  |
|              | Power<br>(W)    | 60              |           |      |      | 2218 | 2336 | 2440  | 2531  | 2610  | 2678  |       |
|              |                 | 50              | 1612      | 1733 | 1841 | 1938 | 2025 | 2102  | 2171  | 2232  | 2288  |       |
|              |                 | 40              | 1458      | 1542 | 1619 | 1688 | 1752 | 1811  | 1866  | 1919  | 1970  |       |
|              |                 | 30              | 1283      | 1338 | 1391 | 1441 | 1491 | 1540  | 1590  | 1643  | 1699  |       |
|              | YM52P1-100      | Capacity<br>(W) | 60        |      |      |      | 3590 | 4311  | 5144  | 6097  | 7180  | 8400  |
|              |                 |                 | 50        | 2287 | 2796 | 3405 | 4120 | 4952  | 5909  | 6999  | 8231  | 9614  |
|              |                 |                 | 40        | 2589 | 3160 | 3842 | 4645 | 5578  | 6647  | 7864  | 9235  | 10770 |
|              |                 |                 | 30        | 2866 | 3488 | 4235 | 5115 | 6137  | 7310  | 8642  | 10142 | 11818 |
| Power<br>(W) |                 | 60              |           |      |      | 2641 | 2781 | 2905  | 3013  | 3107  | 3188  |       |
|              |                 | 50              | 1919      | 2063 | 2192 | 2308 | 2411 | 2502  | 2584  | 2658  | 2724  |       |
|              |                 | 40              | 1736      | 1836 | 1927 | 2009 | 2085 | 2155  | 2221  | 2284  | 2345  |       |
|              |                 | 30              | 1527      | 1593 | 1656 | 1716 | 1774 | 1833  | 1893  | 1956  | 2022  |       |
| YM60P1-100   |                 | Capacity<br>(W) | 60        |      |      |      | 4124 | 4953  | 5910  | 7005  | 8249  | 9650  |
|              |                 |                 | 50        | 2627 | 3213 | 3911 | 4734 | 5689  | 6788  | 8041  | 9456  | 11045 |
|              |                 |                 | 40        | 2974 | 3630 | 4414 | 5337 | 6408  | 7637  | 9034  | 10610 | 12373 |
|              |                 |                 | 30        | 3293 | 4007 | 4865 | 5876 | 7050  | 8398  | 9928  | 11651 | 13577 |
|              | Power<br>(W)    | 60              |           |      |      | 2972 | 3131 | 3270  | 3392  | 3497  | 3589  |       |
|              |                 | 50              | 2160      | 2322 | 2467 | 2597 | 2713 | 2817  | 2909  | 2991  | 3066  |       |
|              |                 | 40              | 1954      | 2067 | 2169 | 2262 | 2347 | 2426  | 2500  | 2571  | 2640  |       |
|              |                 | 30              | 1719      | 1793 | 1864 | 1931 | 1997 | 2063  | 2131  | 2202  | 2276  |       |
|              | YM73P1-100      | Capacity<br>(W) | 60        |      |      |      | 5114 | 6141  | 7328  | 8686  | 10228 | 11967 |
|              |                 |                 | 50        | 3258 | 3984 | 4850 | 5870 | 7055  | 8418  | 9971  | 11726 | 13696 |
|              |                 |                 | 40        | 3688 | 4501 | 5474 | 6618 | 7946  | 9470  | 11203 | 13156 | 15343 |
|              |                 |                 | 30        | 4083 | 4969 | 6033 | 7286 | 8742  | 10413 | 12311 | 14448 | 16836 |
| Power<br>(W) |                 | 60              |           |      |      | 3656 | 3851 | 4022  | 4172  | 4302  | 4414  |       |
|              |                 | 50              | 2657      | 2856 | 3035 | 3195 | 3337 | 3465  | 3578  | 3680  | 3771  |       |
|              |                 | 40              | 2404      | 2542 | 2668 | 2782 | 2887 | 2984  | 3075  | 3162  | 3247  |       |
|              |                 | 30              | 2114      | 2206 | 2292 | 2375 | 2457 | 2538  | 2621  | 2708  | 2800  |       |
| YM90P1-100   |                 | Capacity<br>(W) | 60        |      |      |      | 5932 | 7124  | 8500  | 10076 | 11865 | 13881 |
|              |                 |                 | 50        | 3779 | 4621 | 5626 | 6809 | 8184  | 9765  | 11566 | 13602 | 15887 |
|              |                 |                 | 40        | 4278 | 5221 | 6349 | 7677 | 9217  | 10985 | 12995 | 15261 | 17798 |
|              |                 |                 | 30        | 4737 | 5764 | 6998 | 8452 | 10141 | 12079 | 14280 | 16759 | 19530 |
|              | Power<br>(W)    | 60              |           |      |      | 4168 | 4390 | 4585  | 4756  | 4904  | 5032  |       |
|              |                 | 50              | 3029      | 3256 | 3460 | 3642 | 3805 | 3950  | 4079  | 4195  | 4299  |       |
|              |                 | 40              | 2740      | 2898 | 3041 | 3172 | 3291 | 3402  | 3506  | 3605  | 3701  |       |
|              |                 | 30              | 2410      | 2515 | 2613 | 2708 | 2801 | 2893  | 2988  | 3087  | 3192  |       |
|              | YM101P1-100     | Capacity<br>(W) | 60        |      |      |      | 6703 | 8050  | 9605  | 11386 | 1340  | 15686 |
|              |                 |                 | 50        | 4270 | 5222 | 6357 | 7694 | 9247  | 11034 | 13069 | 15370 | 17952 |
|              |                 |                 | 40        | 4834 | 5900 | 7175 | 8675 | 10415 | 12413 | 14684 | 17245 | 20111 |
|              |                 |                 | 30        | 5352 | 6514 | 7908 | 9551 | 11460 | 13650 | 16137 | 18938 | 22069 |
| Power<br>(W) |                 | 60              |           |      |      | 4668 | 4916 | 5135  | 5327  | 5493  | 5636  |       |
|              |                 | 50              | 3392      | 3647 | 3875 | 4079 | 4261 | 4424  | 4568  | 4698  | 4814  |       |
|              |                 | 40              | 3069      | 3246 | 3406 | 3552 | 3686 | 3810  | 3927  | 4038  | 4146  |       |
|              |                 | 30              | 2700      | 2816 | 2927 | 3033 | 3137 | 3241  | 3347  | 3458  | 3575  |       |

Remark:

|  |                                       |
|--|---------------------------------------|
|  | Suction Superheat 11.1K, No Subcoolig |
|  | RG 20°C, No Subcooling                |

## YM Series

### Capacity

## 50Hz

## R454C

| Model        |                 | C.T.<br>(°C)    | E.T. (°C) |      |      |      |      |       |       |       |       |       |
|--------------|-----------------|-----------------|-----------|------|------|------|------|-------|-------|-------|-------|-------|
|              |                 |                 | -30       | -25  | -20  | -15  | -10  | -5    | 0     | 5     | 10    |       |
| YM34U1G-100  | Capacity<br>(W) | 60              |           |      |      | 1733 | 2245 | 2812  | 3457  | 4204  | 5074  |       |
|              |                 | 50              | 916       | 1355 | 1800 | 2273 | 2799 | 3398  | 4096  | 4913  | 5874  |       |
|              |                 | 40              | 1243      | 1661 | 2104 | 2594 | 3155 | 3810  | 4582  | 5493  | 6566  |       |
|              |                 | 30              | 1412      | 1831 | 2294 | 2824 | 3444 | 4176  | 5045  | 6072  | 7280  |       |
|              | Power<br>(W)    | 60              |           |      |      | 2021 | 2133 | 2225  | 2299  | 2358  | 2407  |       |
|              |                 | 50              | 1425      | 1558 | 1669 | 1760 | 1834 | 1896  | 1946  | 1990  | 2030  |       |
|              |                 | 40              | 1296      | 1384 | 1456 | 1516 | 1566 | 1610  | 1652  | 1693  | 1737  |       |
|              |                 | 30              | 1153      | 1208 | 1255 | 1297 | 1337 | 1377  | 1422  | 1474  | 1536  |       |
|              | YM43U1G-100     | Capacity<br>(W) | 60        |      |      |      | 2181 | 2825  | 3539  | 4351  | 5290  | 6386  |
|              |                 |                 | 50        | 1153 | 1705 | 2265 | 2861 | 3522  | 4277  | 5154  | 6183  | 7392  |
|              |                 |                 | 40        | 1565 | 2090 | 2647 | 3265 | 3971  | 4795  | 5766  | 6913  | 8264  |
|              |                 |                 | 30        | 1777 | 2304 | 2887 | 3554 | 4334  | 5256  | 6349  | 7642  | 9163  |
| Power<br>(W) |                 | 60              |           |      |      | 2242 | 2366 | 2468  | 2550  | 2616  | 2669  |       |
|              |                 | 50              | 1581      | 1728 | 1851 | 1952 | 2035 | 2102  | 2159  | 2207  | 2251  |       |
|              |                 | 40              | 1438      | 1535 | 1615 | 1681 | 1737 | 1786  | 1832  | 1877  | 1926  |       |
|              |                 | 30              | 1279      | 1340 | 1392 | 1438 | 1483 | 1528  | 1577  | 1635  | 1704  |       |
| YM49U1G-100  |                 | Capacity<br>(W) | 60        |      |      |      | 2432 | 3150  | 3946  | 4852  | 5899  | 7121  |
|              |                 |                 | 50        | 1286 | 1901 | 2526 | 3190 | 3927  | 4769  | 5747  | 6894  | 8242  |
|              |                 |                 | 40        | 1745 | 2331 | 2952 | 3640 | 4428  | 5347  | 6430  | 7708  | 9214  |
|              |                 |                 | 30        | 1982 | 2569 | 3219 | 3963 | 4832  | 5861  | 7079  | 8521  | 10217 |
|              | Power<br>(W)    | 60              |           |      |      | 2420 | 2554 | 2663  | 2752  | 2823  | 2881  |       |
|              |                 | 50              | 1706      | 1866 | 1998 | 2107 | 2196 | 2269  | 2330  | 2383  | 2430  |       |
|              |                 | 40              | 1552      | 1657 | 1743 | 1814 | 1875 | 1928  | 1977  | 2026  | 2079  |       |
|              |                 | 30              | 1380      | 1446 | 1503 | 1553 | 1600 | 1649  | 1703  | 1765  | 1839  |       |
|              | YM60U1G-100     | Capacity<br>(W) | 60        |      |      |      | 3033 | 3929  | 4921  | 6050  | 7356  | 8879  |
|              |                 |                 | 50        | 1603 | 2371 | 3150 | 3978 | 4897  | 5947  | 7167  | 8597  | 10278 |
|              |                 |                 | 40        | 2176 | 2907 | 3681 | 4539 | 5522  | 6668  | 8018  | 9612  | 11490 |
|              |                 |                 | 30        | 2471 | 3204 | 4014 | 4941 | 6026  | 7308  | 8828  | 10625 | 12740 |
| Power<br>(W) |                 | 60              |           |      |      | 3048 | 3217 | 3355  | 3467  | 3557  | 3630  |       |
|              |                 | 50              | 2150      | 2350 | 2517 | 2654 | 2767 | 2859  | 2936  | 3001  | 3061  |       |
|              |                 | 40              | 1955      | 2087 | 2196 | 2286 | 2362 | 2429  | 2491  | 2553  | 2619  |       |
|              |                 | 30              | 1739      | 1822 | 1893 | 1956 | 2016 | 2077  | 2145  | 2223  | 2317  |       |
| YM70U1G-100  |                 | Capacity<br>(W) | 60        |      |      |      | 3544 | 4590  | 5749  | 7068  | 8595  | 10374 |
|              |                 |                 | 50        | 1873 | 2770 | 3680 | 4648 | 5722  | 6948  | 8373  | 10045 | 12008 |
|              |                 |                 | 40        | 2542 | 3396 | 4301 | 5304 | 6451  | 7790  | 9368  | 11230 | 13425 |
|              |                 |                 | 30        | 2887 | 3743 | 4690 | 5773 | 7040  | 8538  | 10314 | 12414 | 14885 |
|              | Power<br>(W)    | 60              |           |      |      | 3468 | 3660 | 3818  | 3945  | 4047  | 4130  |       |
|              |                 | 50              | 2446      | 2674 | 2863 | 3020 | 3148 | 3253  | 3340  | 3415  | 3483  |       |
|              |                 | 40              | 2225      | 2375 | 2498 | 2601 | 2687 | 2763  | 2834  | 2904  | 2980  |       |
|              |                 | 30              | 1978      | 2073 | 2154 | 2225 | 2294 | 2364  | 2440  | 2529  | 2636  |       |
|              | YM86U1G-100     | Capacity<br>(W) | 60        |      |      |      | 4280 | 5544  | 6944  | 8537  | 10381 | 12530 |
|              |                 |                 | 50        | 2262 | 3346 | 4444 | 5614 | 6911  | 8392  | 10114 | 12132 | 14504 |
|              |                 |                 | 40        | 3071 | 4102 | 5195 | 6406 | 7792  | 9409  | 11315 | 13564 | 16215 |
|              |                 |                 | 30        | 3487 | 4521 | 5664 | 6973 | 8504  | 10313 | 12458 | 14994 | 17978 |
| Power<br>(W) |                 | 60              |           |      |      | 4187 | 4419 | 4609  | 4762  | 4886  | 4986  |       |
|              |                 | 50              | 2953      | 3228 | 3457 | 3645 | 3800 | 3927  | 4032  | 4123  | 4204  |       |
|              |                 | 40              | 2686      | 2867 | 3016 | 3140 | 3244 | 3336  | 3421  | 3506  | 3597  |       |
|              |                 | 30              | 2389      | 2503 | 2600 | 2687 | 2769 | 2853  | 2946  | 3054  | 3182  |       |
| YM102U1G-100 |                 | Capacity<br>(W) | 60        |      |      |      | 5052 | 6543  | 8195  | 10076 | 12252 | 14788 |
|              |                 |                 | 50        | 2670 | 3949 | 5245 | 6626 | 8156  | 9904  | 11936 | 14319 | 17118 |
|              |                 |                 | 40        | 3624 | 4841 | 6131 | 7560 | 9196  | 11105 | 13354 | 16009 | 19137 |
|              |                 |                 | 30        | 4116 | 5336 | 6685 | 8229 | 10036 | 12172 | 14703 | 17696 | 21218 |
|              | Power<br>(W)    | 60              |           |      |      | 4875 | 5145 | 5366  | 5545  | 5688  | 5805  |       |
|              |                 | 50              | 3438      | 3759 | 4025 | 4244 | 4424 | 4572  | 4695  | 4800  | 4895  |       |
|              |                 | 40              | 3127      | 3338 | 3511 | 3656 | 3777 | 3884  | 3983  | 4082  | 4189  |       |
|              |                 | 30              | 2781      | 2914 | 3027 | 3128 | 3224 | 3322  | 3430  | 3555  | 3705  |       |
|              | YM115U1G-100    | Capacity<br>(W) | 60        |      |      |      | 5551 | 7190  | 9006  | 11073 | 13463 | 16251 |
|              |                 |                 | 50        | 2934 | 4340 | 5764 | 7281 | 8963  | 10884 | 13117 | 15735 | 18812 |
|              |                 |                 | 40        | 3982 | 5320 | 6737 | 8308 | 10106 | 12204 | 14675 | 17592 | 21030 |
|              |                 |                 | 30        | 4523 | 5864 | 7346 | 9044 | 11029 | 13376 | 16157 | 19447 | 23317 |
| Power<br>(W) |                 | 60              |           |      |      | 5361 | 5658 | 5901  | 6098  | 6256  | 6384  |       |
|              |                 | 50              | 3781      | 4133 | 4426 | 4668 | 4866 | 5028  | 5163  | 5279  | 5384  |       |
|              |                 | 40              | 3439      | 3671 | 3862 | 4020 | 4154 | 4272  | 4381  | 4490  | 4606  |       |
|              |                 | 30              | 3058      | 3205 | 3329 | 3440 | 3546 | 3654  | 3772  | 3910  | 4074  |       |

Remark:

|  |                                        |
|--|----------------------------------------|
|  | Suction Superheat 11.1K, No Subcooling |
|  | RG 20°C, No Subcooling                 |

## YM Series

### Capacity

## 50Hz

## R455A

| Model        |                 | C.T.<br>(°C) | E.T. (°C) |      |      |       |       |       |       |       |       |
|--------------|-----------------|--------------|-----------|------|------|-------|-------|-------|-------|-------|-------|
|              |                 |              | -30       | -25  | -20  | -15   | -10   | -5    | 0     | 5     | 10    |
| YM34U1G-100  | Capacity<br>(W) | 60           |           |      |      | 2217  | 2672  | 3217  | 3863  | 4622  | 5506  |
|              |                 | 50           | 1347      | 1677 | 2070 | 2537  | 3091  | 3745  | 4509  | 5396  | 6419  |
|              |                 | 40           | 1461      | 1848 | 2306 | 2850  | 3490  | 4239  | 5109  | 6112  | 7261  |
|              |                 | 30           | 1616      | 2046 | 2558 | 3164  | 3878  | 4710  | 5673  | 6780  | 8041  |
|              | Power<br>(W)    | 60           |           |      |      | 1693  | 1827  | 1933  | 2016  | 2082  | 2136  |
|              |                 | 50           | 1141      | 1299 | 1424 | 1521  | 1596  | 1655  | 1702  | 1743  | 1783  |
|              |                 | 40           | 1077      | 1169 | 1239 | 1292  | 1335  | 1372  | 1408  | 1450  | 1502  |
|              |                 | 30           | 942       | 993  | 1034 | 1069  | 1105  | 1146  | 1198  | 1267  | 1357  |
| YM43U1G-100  | Capacity<br>(W) | 60           |           |      |      | 2820  | 3400  | 4092  | 4914  | 5879  | 7004  |
|              |                 | 50           | 1714      | 2134 | 2633 | 3228  | 3933  | 4763  | 5736  | 6864  | 8166  |
|              |                 | 40           | 1859      | 2350 | 2934 | 3625  | 4439  | 5392  | 6499  | 7775  | 9236  |
|              |                 | 30           | 2056      | 2602 | 3254 | 4025  | 4933  | 5991  | 7217  | 8624  | 10229 |
|              | Power<br>(W)    | 60           |           |      |      | 2122  | 2289  | 2422  | 2526  | 2609  | 2677  |
|              |                 | 50           | 1430      | 1628 | 1784 | 1906  | 2000  | 2073  | 2132  | 2184  | 2235  |
|              |                 | 40           | 1350      | 1465 | 1552 | 1619  | 1672  | 1719  | 1765  | 1817  | 1883  |
|              |                 | 30           | 1180      | 1244 | 1295 | 1340  | 1385  | 1436  | 1502  | 1587  | 1700  |
| YM49U1G-100  | Capacity<br>(W) | 60           |           |      |      | 3109  | 3748  | 4512  | 5417  | 6482  | 7722  |
|              |                 | 50           | 1889      | 2352 | 2903 | 3559  | 4336  | 5252  | 6324  | 7568  | 9003  |
|              |                 | 40           | 2050      | 2591 | 3235 | 3997  | 4894  | 5945  | 7165  | 8572  | 10183 |
|              |                 | 30           | 2267      | 2869 | 3587 | 4438  | 5438  | 6606  | 7957  | 9509  | 11278 |
|              | Power<br>(W)    | 60           |           |      |      | 2291  | 2472  | 2615  | 2728  | 2817  | 2891  |
|              |                 | 50           | 1545      | 1758 | 1927 | 2059  | 2160  | 2239  | 2303  | 2358  | 2413  |
|              |                 | 40           | 1458      | 1582 | 1676 | 1749  | 1806  | 1856  | 1906  | 1962  | 2033  |
|              |                 | 30           | 1274      | 1344 | 1399 | 1447  | 1495  | 1551  | 1622  | 1714  | 1836  |
| YM60U1G-100  | Capacity<br>(W) | 60           |           |      |      | 3880  | 4678  | 5631  | 6761  | 8089  | 9637  |
|              |                 | 50           | 2358      | 2936 | 3623 | 4441  | 5411  | 6554  | 7892  | 9445  | 11235 |
|              |                 | 40           | 2558      | 3234 | 4037 | 4988  | 6108  | 7419  | 8942  | 10698 | 12709 |
|              |                 | 30           | 2829      | 3581 | 4477 | 5538  | 6787  | 8244  | 9930  | 11867 | 14075 |
|              | Power<br>(W)    | 60           |           |      |      | 2786  | 3006  | 3180  | 3317  | 3426  | 3515  |
|              |                 | 50           | 1878      | 2138 | 2343 | 2503  | 2627  | 2723  | 2800  | 2868  | 2934  |
|              |                 | 40           | 1772      | 1923 | 2038 | 2126  | 2196  | 2257  | 2317  | 2386  | 2472  |
|              |                 | 30           | 1549      | 1634 | 1701 | 1760  | 1818  | 1886  | 1972  | 2084  | 2233  |
| YM70U1G-100  | Capacity<br>(W) | 60           |           |      |      | 4558  | 5494  | 6614  | 7942  | 9502  | 11321 |
|              |                 | 50           | 2770      | 3448 | 4256 | 5217  | 6356  | 7699  | 9270  | 11095 | 13198 |
|              |                 | 40           | 3005      | 3799 | 4742 | 5859  | 7175  | 8715  | 10504 | 12567 | 14929 |
|              |                 | 30           | 3323      | 4206 | 5259 | 6506  | 7973  | 9684  | 11665 | 13940 | 16534 |
|              | Power<br>(W)    | 60           |           |      |      | 3176  | 3426  | 3624  | 3781  | 3905  | 4007  |
|              |                 | 50           | 2141      | 2437 | 2671 | 2853  | 2994  | 3103  | 3192  | 3269  | 3345  |
|              |                 | 40           | 2020      | 2192 | 2323 | 2424  | 2503  | 2572  | 2641  | 2719  | 2818  |
|              |                 | 30           | 1766      | 1862 | 1939 | 2006  | 2072  | 2150  | 2248  | 2376  | 2545  |
| YM86U1G-100  | Capacity<br>(W) | 60           |           |      |      | 5602  | 6754  | 8130  | 9762  | 11680 | 13916 |
|              |                 | 50           | 3405      | 4239 | 5231 | 6412  | 7813  | 9464  | 11395 | 13638 | 16223 |
|              |                 | 40           | 3694      | 4669 | 5829 | 7202  | 8819  | 10712 | 12911 | 15447 | 18350 |
|              |                 | 30           | 4085      | 5170 | 6464 | 7997  | 9800  | 11903 | 14338 | 17134 | 20323 |
|              | Power<br>(W)    | 60           |           |      |      | 3792  | 4091  | 4328  | 4514  | 4662  | 4784  |
|              |                 | 50           | 2556      | 2910 | 3189 | 3407  | 3575  | 3706  | 3811  | 3903  | 3994  |
|              |                 | 40           | 2412      | 2618 | 2774 | 2894  | 2989  | 3072  | 3154  | 3247  | 3365  |
|              |                 | 30           | 2109      | 2224 | 2315 | 2395  | 2475  | 2567  | 2684  | 2837  | 3039  |
| YM102U1G-100 | Capacity<br>(W) | 60           |           |      |      | 6607  | 7964  | 9588  | 11512 | 13774 | 16410 |
|              |                 | 50           | 4015      | 4999 | 6169 | 7562  | 9213  | 11160 | 13438 | 16083 | 19131 |
|              |                 | 40           | 4356      | 5506 | 6873 | 8493  | 10400 | 12633 | 15226 | 18216 | 21639 |
|              |                 | 30           | 4817      | 6097 | 7623 | 9431  | 11557 | 14037 | 16908 | 20206 | 23966 |
|              | Power<br>(W)    | 60           |           |      |      | 4417  | 4766  | 5042  | 5259  | 5431  | 5573  |
|              |                 | 50           | 2978      | 3390 | 3715 | 3969  | 4165  | 4317  | 4440  | 4547  | 4652  |
|              |                 | 40           | 2810      | 3049 | 3232 | 3371  | 3482  | 3578  | 3674  | 3783  | 3920  |
|              |                 | 30           | 2456      | 2591 | 2697 | 2790  | 2883  | 2990  | 3126  | 3305  | 3540  |
| YM115U1G-100 | Capacity<br>(W) | 60           |           |      |      | 7154  | 8624  | 10382 | 12466 | 14915 | 17769 |
|              |                 | 50           | 4347      | 5413 | 6680 | 8188  | 9977  | 12084 | 14551 | 17415 | 20715 |
|              |                 | 40           | 4717      | 5963 | 7443 | 9196  | 11262 | 13679 | 16487 | 19725 | 23432 |
|              |                 | 30           | 5216      | 6602 | 8254 | 10212 | 12514 | 15200 | 18308 | 21879 | 25951 |
|              | Power<br>(W)    | 60           |           |      |      | 4812  | 5191  | 5492  | 5728  | 5916  | 6071  |
|              |                 | 50           | 3244      | 3692 | 4047 | 4323  | 4536  | 4702  | 4836  | 4952  | 5067  |
|              |                 | 40           | 3061      | 3322 | 3520 | 3672  | 3793  | 3897  | 4002  | 4120  | 4269  |
|              |                 | 30           | 2676      | 2822 | 2938 | 3039  | 3140  | 3257  | 3405  | 3600  | 3856  |

Remark:

|  |                                       |
|--|---------------------------------------|
|  | Suction Superheat 11.1K, No Subcoolig |
|  | RG 20°C, No Subcooling                |

## YM Series

### Capacity

## 50Hz

## R404A

| Model        |                 | C.T.<br>(°C) | E.T. (°C)       |      |      |      |       |       |       |       |       |
|--------------|-----------------|--------------|-----------------|------|------|------|-------|-------|-------|-------|-------|
|              |                 |              | -30             | -25  | -20  | -15  | -10   | -5    | 0     | 5     | 10    |
| YM34E2G-102  | Capacity<br>(W) | 60           |                 |      | 1837 | 2245 | 2704  | 3228  | 3834  | 4538  | 5355  |
|              |                 | 50           | 1490            | 1887 | 2325 | 2819 | 3386  | 4041  | 4800  | 5679  | 6694  |
|              |                 | 40           | 1777            | 2215 | 2716 | 3297 | 3971  | 4757  | 5669  | 6723  | 7936  |
|              |                 | 30           | 2020            | 2499 | 3064 | 3729 | 4512  | 5428  | 6493  | 7723  | 9133  |
|              | Power<br>(W)    | 60           |                 |      | 2243 | 2350 | 2451  | 2545  | 2632  | 2711  | 2781  |
|              |                 | 50           | 1705            | 1800 | 1892 | 1981 | 2067  | 2149  | 2226  | 2296  | 2360  |
|              |                 | 40           | 1448            | 1523 | 1599 | 1674 | 1748  | 1820  | 1890  | 1955  | 2017  |
|              |                 | 30           | 1235            | 1295 | 1357 | 1421 | 1486  | 1552  | 1617  | 1681  | 1743  |
|              |                 |              |                 |      |      |      |       |       |       |       |       |
|              |                 | 60           |                 |      | 2194 | 2682 | 3229  | 3856  | 4579  | 5420  | 6396  |
| YM43E2G-102  | Capacity<br>(W) | 50           | 1780            | 2254 | 2777 | 3368 | 4044  | 4827  | 5733  | 6783  | 7996  |
|              |                 | 40           | 2122            | 2646 | 3245 | 3938 | 4744  | 5682  | 6771  | 8030  | 9479  |
|              |                 | 30           | 2412            | 2985 | 3659 | 4455 | 5390  | 6484  | 7756  | 9224  | 10909 |
|              |                 | 60           |                 |      | 2618 | 2743 | 2861  | 2971  | 3072  | 3164  | 3246  |
|              | Power<br>(W)    | 50           | 1990            | 2101 | 2209 | 2313 | 2413  | 2509  | 2598  | 2680  | 2755  |
|              |                 | 40           | 1690            | 1778 | 1866 | 1954 | 2041  | 2125  | 2206  | 2283  | 2354  |
|              |                 | 30           | 1441            | 1511 | 1584 | 1659 | 1735  | 1812  | 1888  | 1963  | 2035  |
|              |                 |              |                 |      |      |      |       |       |       |       |       |
|              |                 | 60           |                 |      | 2500 | 3056 | 3680  | 4394  | 5218  | 6176  | 7289  |
|              |                 | YM49E2G-102  | Capacity<br>(W) | 50   | 2028 | 2569 | 3165  | 3837  | 4609  | 5500  | 6533  |
| 40           | 2419            |              |                 | 3015 | 3697 | 4487 | 5406  | 6475  | 7716  | 9151  | 10801 |
| 30           | 2749            |              |                 | 3401 | 4170 | 5076 | 6142  | 7389  | 8838  | 10511 | 12431 |
| 60           |                 |              |                 |      | 2917 | 3056 | 3188  | 3310  | 3423  | 3526  | 3616  |
| Power<br>(W) | 50              |              | 2218            | 2341 | 2461 | 2577 | 2689  | 2795  | 2895  | 2986  | 3070  |
|              | 40              |              | 1883            | 1981 | 2080 | 2178 | 2274  | 2368  | 2458  | 2543  | 2623  |
|              | 30              |              | 1606            | 1684 | 1765 | 1848 | 1933  | 2019  | 2103  | 2187  | 2268  |
|              |                 |              |                 |      |      |      |       |       |       |       |       |
|              | 60              |              |                 |      | 3062 | 3742 | 4506  | 5380  | 6390  | 7563  | 8925  |
|              | YM60E2G-100     |              | Capacity<br>(W) | 50   | 2484 | 3145 | 3875  | 4699  | 5643  | 6735  | 8000  |
| 40           |                 | 2961         |                 | 3692 | 4527 | 5494 | 6619  | 7928  | 9448  | 11205 | 13226 |
| 30           |                 | 3366         |                 | 4165 | 5106 | 6216 | 7521  | 9047  | 10822 | 12871 | 15221 |
| 60           |                 |              |                 |      | 3929 | 4114 | 4289  | 4453  | 4603  | 4740  | 4861  |
| Power<br>(W) |                 | 50           | 2996            | 3160 | 3320 | 3475 | 3624  | 3766  | 3899  | 4021  | 4132  |
|              |                 | 40           | 2550            | 2681 | 2812 | 2943 | 3071  | 3196  | 3316  | 3430  | 3537  |
|              |                 | 30           | 2181            | 2284 | 2392 | 2504 | 2617  | 2731  | 2844  | 2955  | 3063  |
|              |                 |              |                 |      |      |      |       |       |       |       |       |
|              |                 | 60           |                 |      | 3572 | 4366 | 5257  | 6276  | 7455  | 8823  | 10412 |
|              |                 | YM70E2G-100  | Capacity<br>(W) | 50   | 2898 | 3670 | 4521  | 5482  | 6584  | 7857  | 9333  |
| 40           | 3455            |              |                 | 4307 | 5282 | 6410 | 7722  | 9249  | 11023 | 13073 | 15431 |
| 30           | 3927            |              |                 | 4859 | 5957 | 7252 | 8774  | 10555 | 12626 | 15016 | 17758 |
| 60           |                 |              |                 |      | 3890 | 4075 | 4250  | 4413  | 4564  | 4700  | 4821  |
| Power<br>(W) | 50              |              | 2957            | 3121 | 3281 | 3436 | 3585  | 3726  | 3859  | 3982  | 4093  |
|              | 40              |              | 2510            | 2641 | 2773 | 2903 | 3032  | 3156  | 3277  | 3391  | 3498  |
|              | 30              |              | 2141            | 2245 | 2353 | 2464 | 2577  | 2691  | 2804  | 2915  | 3023  |
|              |                 |              |                 |      |      |      |       |       |       |       |       |
|              | 60              |              |                 |      | 4388 | 5364 | 6459  | 7711  | 9159  | 10840 | 12792 |
|              | YM86E2G-100     |              | Capacity<br>(W) | 50   | 3560 | 4509 | 5554  | 6735  | 8089  | 9653  | 11466 |
| 40           |                 | 4245         |                 | 5292 | 6489 | 7875 | 9487  | 11364 | 13542 | 16061 | 18958 |
| 30           |                 | 4824         |                 | 5970 | 7319 | 8909 | 10780 | 12968 | 15512 | 18449 | 21817 |
| 60           |                 |              |                 |      | 4800 | 5029 | 5245  | 5447  | 5633  | 5801  | 5950  |
| Power<br>(W) |                 | 50           | 3649            | 3851 | 4049 | 4240 | 4424  | 4599  | 4763  | 4914  | 5051  |
|              |                 | 40           | 3098            | 3260 | 3422 | 3583 | 3741  | 3896  | 4044  | 4185  | 4316  |
|              |                 | 30           | 2642            | 2770 | 2904 | 3041 | 3181  | 3321  | 3461  | 3598  | 3731  |

Remark:

|  |                                       |
|--|---------------------------------------|
|  | Suction Superheat 11.1K, No Subcoolig |
|  | RG 20°C, No Subcooling                |

## YM Series

### Capacity

## 50Hz

## R404A

| Model       |                 | C.T.<br>(°C) | E.T. (°C) |      |      |      |       |       |       |       |       |
|-------------|-----------------|--------------|-----------|------|------|------|-------|-------|-------|-------|-------|
|             |                 |              | -30       | -25  | -20  | -15  | -10   | -5    | 0     | 5     | 10    |
| YM34E1G-100 | Capacity<br>(W) | 60           |           |      | 1837 | 2245 | 2704  | 3228  | 3834  | 4538  | 5355  |
|             |                 | 50           | 1490      | 1887 | 2325 | 2819 | 3386  | 4041  | 4800  | 5679  | 6694  |
|             |                 | 40           | 1777      | 2215 | 2716 | 3297 | 3971  | 4757  | 5669  | 6723  | 7936  |
|             |                 | 30           | 2020      | 2499 | 3064 | 3729 | 4512  | 5428  | 6493  | 7723  | 9133  |
|             | Power<br>(W)    | 60           |           |      | 2214 | 2324 | 2427  | 2524  | 2612  | 2693  | 2764  |
|             |                 | 50           | 1664      | 1760 | 1855 | 1946 | 2034  | 2118  | 2196  | 2269  | 2334  |
|             |                 | 40           | 1400      | 1477 | 1555 | 1632 | 1708  | 1782  | 1852  | 1920  | 1983  |
|             |                 | 30           | 1182      | 1243 | 1307 | 1373 | 1440  | 1507  | 1574  | 1639  | 1703  |
| YM43E1G-100 | Capacity<br>(W) | 60           |           |      | 2194 | 2682 | 3229  | 3856  | 4579  | 5420  | 6396  |
|             |                 | 50           | 1780      | 2254 | 2777 | 3368 | 4044  | 4827  | 5733  | 6783  | 7996  |
|             |                 | 40           | 2122      | 2646 | 3245 | 3938 | 4744  | 5682  | 6771  | 8030  | 9479  |
|             |                 | 30           | 2412      | 2985 | 3659 | 4455 | 5390  | 6484  | 7756  | 9224  | 10909 |
|             | Power<br>(W)    | 60           |           |      | 2502 | 2625 | 2742  | 2851  | 2952  | 3043  | 3124  |
|             |                 | 50           | 1880      | 1989 | 2096 | 2199 | 2299  | 2393  | 2482  | 2563  | 2638  |
|             |                 | 40           | 1582      | 1669 | 1757 | 1844 | 1930  | 2013  | 2093  | 2169  | 2240  |
|             |                 | 30           | 1336      | 1405 | 1477 | 1551 | 1627  | 1703  | 1778  | 1852  | 1924  |
| YM49E1G-100 | Capacity<br>(W) | 60           |           |      | 2500 | 3056 | 3680  | 4394  | 5218  | 6176  | 7289  |
|             |                 | 50           | 2028      | 2569 | 3165 | 3837 | 4609  | 5500  | 6533  | 7730  | 9111  |
|             |                 | 40           | 2419      | 3015 | 3697 | 4487 | 5406  | 6475  | 7716  | 9151  | 10801 |
|             |                 | 30           | 2749      | 3401 | 4170 | 5076 | 6142  | 7389  | 8838  | 10511 | 12431 |
|             | Power<br>(W)    | 60           |           |      | 2776 | 2913 | 3043  | 3164  | 3275  | 3376  | 3466  |
|             |                 | 50           | 2085      | 2207 | 2325 | 2440 | 2550  | 2655  | 2753  | 2844  | 2926  |
|             |                 | 40           | 1755      | 1852 | 1949 | 2046 | 2141  | 2233  | 2322  | 2407  | 2486  |
|             |                 | 30           | 1482      | 1559 | 1639 | 1721 | 1805  | 1889  | 1973  | 2055  | 2135  |
| YM60E1G-100 | Capacity<br>(W) | 60           |           |      | 3062 | 3742 | 4506  | 5380  | 6390  | 7563  | 8925  |
|             |                 | 50           | 2484      | 3145 | 3875 | 4699 | 5643  | 6735  | 8000  | 9465  | 11157 |
|             |                 | 40           | 2961      | 3692 | 4527 | 5494 | 6619  | 7928  | 9448  | 11205 | 13226 |
|             |                 | 30           | 3366      | 4165 | 5106 | 6216 | 7521  | 9047  | 10822 | 12871 | 15221 |
|             | Power<br>(W)    | 60           |           |      | 3417 | 3586 | 3745  | 3894  | 4032  | 4156  | 4266  |
|             |                 | 50           | 2567      | 2716 | 2862 | 3004 | 3140  | 3269  | 3389  | 3501  | 3602  |
|             |                 | 40           | 2160      | 2280 | 2399 | 2518 | 2635  | 2749  | 2859  | 2963  | 3060  |
|             |                 | 30           | 1824      | 1919 | 2017 | 2119 | 2222  | 2325  | 2429  | 2530  | 2628  |
| YM70E1G-100 | Capacity<br>(W) | 60           |           |      | 3572 | 4366 | 5257  | 6276  | 7455  | 8823  | 10412 |
|             |                 | 50           | 2898      | 3670 | 4521 | 5482 | 6584  | 7857  | 9333  | 11042 | 13016 |
|             |                 | 40           | 3455      | 4307 | 5282 | 6410 | 7722  | 9249  | 11023 | 13073 | 15431 |
|             |                 | 30           | 3927      | 4859 | 5957 | 7252 | 8774  | 10555 | 12626 | 15016 | 17758 |
|             | Power<br>(W)    | 60           |           |      | 3851 | 4041 | 4221  | 4389  | 4544  | 4684  | 4808  |
|             |                 | 50           | 2893      | 3061 | 3226 | 3385 | 3538  | 3684  | 3820  | 3946  | 4060  |
|             |                 | 40           | 2435      | 2569 | 2704 | 2838 | 2970  | 3098  | 3222  | 3339  | 3449  |
|             |                 | 30           | 2056      | 2162 | 2273 | 2388 | 2504  | 2621  | 2737  | 2851  | 2962  |
| YM86E1G-100 | Capacity<br>(W) | 60           |           |      | 4388 | 5364 | 6459  | 7711  | 9159  | 10840 | 12792 |
|             |                 | 50           | 3560      | 4509 | 5554 | 6735 | 8089  | 9653  | 11466 | 13566 | 15991 |
|             |                 | 40           | 4245      | 5292 | 6489 | 7875 | 9487  | 11364 | 13542 | 16061 | 18958 |
|             |                 | 30           | 4824      | 5970 | 7319 | 8909 | 10780 | 12968 | 15512 | 18449 | 21817 |
|             | Power<br>(W)    | 60           |           |      | 4628 | 4857 | 5073  | 5275  | 5461  | 5629  | 5779  |
|             |                 | 50           | 3477      | 3679 | 3877 | 4069 | 4253  | 4427  | 4591  | 4742  | 4879  |
|             |                 | 40           | 2926      | 3088 | 3250 | 3411 | 3570  | 3724  | 3872  | 4013  | 4145  |
|             |                 | 30           | 2471      | 2599 | 2732 | 2870 | 3009  | 3150  | 3289  | 3427  | 3560  |

Remark:

|  |                                       |
|--|---------------------------------------|
|  | Suction Superheat 11.1K, No Subcoolig |
|  | RG 20°C, No Subcooling                |

## YM/YMZ Series

50Hz

Capacity

R404A

| Model        |                 | C.T.<br>(°C) | E.T. (°C) |      |       |       |       |       |       |       |       |
|--------------|-----------------|--------------|-----------|------|-------|-------|-------|-------|-------|-------|-------|
|              |                 |              | -30       | -25  | -20   | -15   | -10   | -5    | 0     | 5     | 10    |
| YM102E1G-100 | Capacity<br>(W) | 60           |           |      | 5205  | 6362  | 7660  | 9146  | 10863 | 12857 | 15172 |
|              |                 | 50           | 4222      | 5347 | 6588  | 7988  | 9594  | 11449 | 13600 | 16090 | 18966 |
|              |                 | 40           | 5034      | 6276 | 7697  | 9340  | 11252 | 13478 | 16062 | 19049 | 22485 |
|              |                 | 30           | 5722      | 7080 | 8680  | 10567 | 12785 | 15380 | 18397 | 21881 | 25876 |
|              | Power<br>(W)    | 60           |           |      | 5489  | 5761  | 6017  | 6256  | 6477  | 6676  | 6854  |
|              |                 | 50           | 4124      | 4364 | 4598  | 4826  | 5044  | 5251  | 5445  | 5625  | 5787  |
|              |                 | 40           | 3471      | 3662 | 3855  | 4046  | 4234  | 4417  | 4593  | 4760  | 4916  |
|              |                 | 30           | 2930      | 3082 | 3241  | 3403  | 3569  | 3736  | 3901  | 4064  | 4222  |
| YM115E1G-100 | Capacity<br>(W) | 60           |           |      | 5868  | 7172  | 8637  | 10311 | 12247 | 14495 | 17106 |
|              |                 | 50           | 4760      | 6029 | 7427  | 9006  | 10816 | 12908 | 15333 | 18141 | 21384 |
|              |                 | 40           | 5676      | 7076 | 8677  | 10531 | 12686 | 15196 | 18109 | 21477 | 25350 |
|              |                 | 30           | 6451      | 7982 | 9786  | 11914 | 14415 | 17341 | 20742 | 24670 | 29174 |
|              | Power<br>(W)    | 60           |           |      | 6412  | 6729  | 7028  | 7308  | 7565  | 7799  | 8006  |
|              |                 | 50           | 4817      | 5097 | 5371  | 5637  | 5891  | 6133  | 6360  | 6570  | 6760  |
|              |                 | 40           | 4054      | 4278 | 4503  | 4726  | 4945  | 5159  | 5365  | 5560  | 5742  |
|              |                 | 30           | 3423      | 3600 | 3785  | 3976  | 4169  | 4364  | 4557  | 4747  | 4932  |
| YMZ46E1-100  | Capacity<br>(W) | 60           |           |      | 2259  | 2718  | 3251  | 3888  | 4653  | 5574  | 6678  |
|              |                 | 50           | 1661      | 2189 | 2760  | 3403  | 4142  | 5005  | 6020  | 7211  | 8607  |
|              |                 | 40           | 2018      | 2640 | 3328  | 4107  | 5006  | 6050  | 7266  | 8682  | 10323 |
|              |                 | 30           | 2424      | 3093 | 3850  | 4721  | 5732  | 6910  | 8283  | 9876  | 11716 |
|              | Power<br>(W)    | 60           |           |      | 2618  | 2772  | 2910  | 3031  | 3135  | 3222  | 3292  |
|              |                 | 50           | 2007      | 2138 | 2259  | 2371  | 2473  | 2565  | 2647  | 2717  | 2776  |
|              |                 | 40           | 1753      | 1841 | 1926  | 2008  | 2086  | 2161  | 2231  | 2297  | 2357  |
|              |                 | 30           | 1509      | 1567 | 1628  | 1692  | 1759  | 1828  | 1899  | 1972  | 2046  |
| YMZ83E1-100  | Capacity<br>(W) | 60           |           |      | 3962  | 4856  | 5909  | 7156  | 8632  | 10374 | 12416 |
|              |                 | 50           | 3180      | 4045 | 5039  | 6199  | 7560  | 9156  | 11024 | 13199 | 15716 |
|              |                 | 40           | 3872      | 4873 | 6046  | 7426  | 9049  | 10949 | 13163 | 15726 | 18672 |
|              |                 | 30           | 4504      | 5597 | 6902  | 8457  | 10296 | 12455 | 14968 | 17873 | 21204 |
|              | Power<br>(W)    | 60           |           |      | 4633  | 4868  | 5087  | 5288  | 5472  | 5640  | 5790  |
|              |                 | 50           | 3468      | 3684 | 3888  | 4082  | 4265  | 4437  | 4598  | 4749  | 4889  |
|              |                 | 40           | 2931      | 3101 | 3265  | 3425  | 3580  | 3731  | 3877  | 4018  | 4156  |
|              |                 | 30           | 2499      | 2630 | 2762  | 2896  | 3031  | 3168  | 3306  | 3447  | 3589  |
| YMZ110E1-100 | Capacity<br>(W) | 60           |           |      | 4448  | 5706  | 8242  | 9883  | 11735 | 13876 | 16387 |
|              |                 | 50           | 3327      | 4502 | 6950  | 8572  | 10361 | 12396 | 14757 | 17525 | 20779 |
|              |                 | 40           | 5110      | 6632 | 8277  | 10124 | 12255 | 14749 | 17685 | 21145 | 25207 |
|              |                 | 30           | 6190      | 7769 | 9588  | 11727 | 14265 | 17282 | 20859 | 25075 | 30012 |
|              | Power<br>(W)    | 60           |           |      | 6176  | 6487  | 6768  | 7031  | 7288  | 7552  | 7834  |
|              |                 | 50           | 4700      | 5011 | 5280  | 5518  | 5739  | 5953  | 6172  | 6410  | 6676  |
|              |                 | 40           | 4005      | 4255 | 4474  | 4674  | 4867  | 5066  | 5281  | 5526  | 5811  |
|              |                 | 30           | 3351      | 3572 | 3775  | 3970  | 4170  | 4386  | 4631  | 4917  | 5255  |
| YM125E1G-100 | Capacity<br>(W) | 60           |           |      | 6378  | 7796  | 9388  | 11208 | 13312 | 15756 | 18594 |
|              |                 | 50           | 5174      | 6553 | 8073  | 9789  | 11757 | 14031 | 16666 | 19719 | 23243 |
|              |                 | 40           | 6170      | 7692 | 9432  | 11446 | 13790 | 16517 | 19684 | 23344 | 27555 |
|              |                 | 30           | 7012      | 8677 | 10637 | 12950 | 15668 | 18849 | 22546 | 26815 | 31711 |
|              | Power<br>(W)    | 60           |           |      | 6727  | 7060  | 7374  | 7667  | 7937  | 8182  | 8399  |
|              |                 | 50           | 5054      | 5348 | 5635  | 5914  | 6181  | 6435  | 6673  | 6893  | 7092  |
|              |                 | 40           | 4253      | 4488 | 4724  | 4958  | 5188  | 5413  | 5628  | 5833  | 6025  |
|              |                 | 30           | 3591      | 3777 | 3971  | 4171  | 4374  | 4578  | 4781  | 4980  | 5174  |

Remark:

|  |                                        |
|--|----------------------------------------|
|  | Suction Superheat 11.1K, No Subcooling |
|  | RG 20°C, No Subcooling                 |

## YM Series

### Capacity

50Hz

R404A

| Model        |                 | C.T.<br>(°C) | E.T. (°C) |       |       |       |       |       |       |       |       |
|--------------|-----------------|--------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
|              |                 |              | -30       | -25   | -20   | -15   | -10   | -5    | 0     | 5     | 10    |
| YM132E1G-100 | Capacity<br>(W) | 60           |           |       | 6735  | 8233  | 9913  | 11836 | 14058 | 16638 | 19635 |
|              |                 | 50           | 5464      | 6920  | 8525  | 10337 | 12415 | 14817 | 17600 | 20823 | 24545 |
|              |                 | 40           | 6515      | 8122  | 9960  | 12087 | 14562 | 17442 | 20786 | 24652 | 29098 |
|              |                 | 30           | 7405      | 9163  | 11233 | 13675 | 16546 | 19904 | 23808 | 28317 | 33487 |
|              | Power<br>(W)    | 60           |           |       | 7043  | 7391  | 7719  | 8026  | 8309  | 8566  | 8793  |
|              |                 | 50           | 5291      | 5599  | 5900  | 6191  | 6471  | 6737  | 6986  | 7216  | 7425  |
|              |                 | 40           | 4453      | 4699  | 4945  | 5191  | 5432  | 5666  | 5892  | 6107  | 6307  |
|              |                 | 30           | 3760      | 3954  | 4157  | 4367  | 4579  | 4793  | 5005  | 5214  | 5417  |
| YM158E1G-100 | Capacity<br>(W) | 60           |           |       | 8266  | 10104 | 12166 | 14526 | 17253 | 20420 | 24097 |
|              |                 | 50           | 6706      | 8493  | 10463 | 12687 | 15237 | 18184 | 21600 | 25555 | 30123 |
|              |                 | 40           | 7996      | 9968  | 12224 | 14834 | 17871 | 21406 | 25510 | 30254 | 35711 |
|              |                 | 30           | 9088      | 11245 | 13786 | 16783 | 20306 | 24428 | 29219 | 34752 | 41098 |
|              | Power<br>(W)    | 60           |           |       | 8643  | 9070  | 9474  | 9851  | 10198 | 10512 | 10791 |
|              |                 | 50           | 6494      | 6871  | 7240  | 7598  | 7942  | 8268  | 8574  | 8856  | 9112  |
|              |                 | 40           | 5465      | 5767  | 6069  | 6370  | 6666  | 6954  | 7231  | 7494  | 7741  |
|              |                 | 30           | 4614      | 4853  | 5102  | 5359  | 5620  | 5882  | 6143  | 6399  | 6648  |
| YM182E1G-100 | Capacity<br>(W) | 60           |           |       | 9287  | 11351 | 13668 | 16319 | 19383 | 22940 | 27072 |
|              |                 | 50           | 7534      | 9541  | 11754 | 14253 | 17118 | 20429 | 24266 | 28710 | 33842 |
|              |                 | 40           | 8983      | 11199 | 13733 | 16666 | 20078 | 24049 | 28659 | 33989 | 40120 |
|              |                 | 30           | 10210     | 12633 | 15488 | 18854 | 22813 | 27444 | 32827 | 39043 | 46172 |
|              | Power<br>(W)    | 60           |           |       | 9586  | 10060 | 10508 | 10926 | 11311 | 11659 | 11969 |
|              |                 | 50           | 7202      | 7621  | 8030  | 8427  | 8808  | 9170  | 9509  | 9822  | 10107 |
|              |                 | 40           | 6061      | 6396  | 6732  | 7066  | 7394  | 7713  | 8020  | 8312  | 8585  |
|              |                 | 30           | 5118      | 5383  | 5659  | 5944  | 6233  | 6524  | 6813  | 7097  | 7373  |
| YM200E1G-100 | Capacity<br>(W) | 60           |           |       | 10205 | 12474 | 15020 | 17933 | 21300 | 25209 | 29750 |
|              |                 | 50           | 8279      | 10485 | 12917 | 15663 | 18811 | 22449 | 26666 | 31550 | 37189 |
|              |                 | 40           | 9872      | 12306 | 15091 | 18314 | 22063 | 26427 | 31494 | 37351 | 44088 |
|              |                 | 30           | 11219     | 13883 | 17020 | 20719 | 25069 | 30158 | 36073 | 42904 | 50738 |
|              | Power<br>(W)    | 60           |           |       | 10535 | 11055 | 11547 | 12006 | 12429 | 12813 | 13152 |
|              |                 | 50           | 7915      | 8375  | 8825  | 9261  | 9679  | 10077 | 10449 | 10794 | 11106 |
|              |                 | 40           | 6660      | 7028  | 7398  | 7764  | 8125  | 8476  | 8814  | 9134  | 9434  |
|              |                 | 30           | 5624      | 5915  | 6219  | 6532  | 6850  | 7169  | 7487  | 7799  | 8102  |
| YM210E1G-100 | Capacity<br>(W) | 60           |           |       | 10716 | 13097 | 15771 | 18829 | 22365 | 26470 | 31237 |
|              |                 | 50           | 8693      | 11009 | 13563 | 16446 | 19751 | 23572 | 28000 | 33127 | 39048 |
|              |                 | 40           | 10365     | 12922 | 15846 | 19230 | 23167 | 27748 | 33068 | 39219 | 46292 |
|              |                 | 30           | 11780     | 14577 | 17871 | 21755 | 26323 | 31666 | 37877 | 45049 | 53275 |
|              | Power<br>(W)    | 60           |           |       | 10968 | 11510 | 12022 | 12500 | 12941 | 13340 | 13694 |
|              |                 | 50           | 8240      | 8719  | 9188  | 9642  | 10077 | 10491 | 10879 | 11238 | 11563 |
|              |                 | 40           | 6934      | 7317  | 7702  | 8084  | 8459  | 8825  | 9176  | 9510  | 9822  |
|              |                 | 30           | 5855      | 6158  | 6475  | 6800  | 7131  | 7464  | 7795  | 8120  | 8435  |
| YM240E1G-105 | Capacity<br>(W) | 60           |           |       | 9601  | 12288 | 15167 | 18326 | 21850 | 25824 | 30336 |
|              |                 | 50           | 7679      | 10398 | 13323 | 16541 | 20137 | 24196 | 28806 | 34051 | 40018 |
|              |                 | 40           | 10642     | 13373 | 16495 | 20095 | 24257 | 29068 | 34615 | 40981 | 48254 |
|              |                 | 30           | 12986     | 15580 | 18750 | 22582 | 27162 | 32575 | 38908 | 46247 | 54677 |
|              | Power<br>(W)    | 60           |           |       | 11771 | 12435 | 13132 | 13840 | 14536 | 15195 | 15795 |
|              |                 | 50           | 9016      | 9539  | 10117 | 10728 | 11347 | 11953 | 12521 | 13029 | 13454 |
|              |                 | 40           | 7744      | 8252  | 8792  | 9340  | 9872  | 10366 | 10799 | 11147 | 11387 |
|              |                 | 30           | 6745      | 7230  | 7722  | 8198  | 8634  | 9007  | 9295  | 9473  | 9520  |

Remark:

|  |                                       |
|--|---------------------------------------|
|  | Suction Superheat 11.1K, No Subcoolig |
|  | RG 20°C, No Subcooling                |

## YM/YSM Series

### Capacity

50Hz

R404A

| Model         | C.T.<br>(°C)    | E.T. (°C) |       |       |       |       |       |       |       |       |        |
|---------------|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|               |                 | -30       | -25   | -20   | -15   | -10   | -5    | 0     | 5     | 10    |        |
| YM260E1G-100  | Capacity<br>(W) | 60        |       |       | 11808 | 14432 | 17379 | 20748 | 24644 | 29167 | 34421  |
|               |                 | 50        | 9579  | 12131 | 14945 | 18122 | 21764 | 25974 | 30853 | 36503 | 43028  |
|               |                 | 40        | 11421 | 14239 | 17461 | 21190 | 25527 | 30576 | 36438 | 43215 | 51010  |
|               |                 | 30        | 12981 | 16062 | 19692 | 23972 | 29005 | 34893 | 41737 | 49640 | 58704  |
|               | Power<br>(W)    | 60        |       |       | 13713 | 14390 | 15031 | 15628 | 16179 | 16678 | 17121  |
|               |                 | 50        | 10302 | 10901 | 11487 | 12055 | 12600 | 13117 | 13602 | 14050 | 14457  |
|               |                 | 40        | 8670  | 9149  | 9629  | 10107 | 10576 | 11033 | 11473 | 11890 | 12281  |
|               |                 | 30        | 7321  | 7700  | 8095  | 8502  | 8916  | 9332  | 9746  | 10152 | 10547  |
| YSM235E1G-100 | Capacity<br>(W) | 60        |       |       | 11991 | 14657 | 17649 | 21071 | 25027 | 29621 | 34956  |
|               |                 | 50        | 9727  | 12320 | 15177 | 18404 | 22103 | 26378 | 31333 | 37071 | 43697  |
|               |                 | 40        | 11599 | 14460 | 17732 | 21519 | 25924 | 31052 | 37005 | 43887 | 51803  |
|               |                 | 30        | 13183 | 16312 | 19998 | 24345 | 29456 | 35435 | 42386 | 50412 | 59617  |
|               | Power<br>(W)    | 60        |       |       | 12928 | 13567 | 14171 | 14734 | 15253 | 15724 | 16141  |
|               |                 | 50        | 9713  | 10278 | 10830 | 11365 | 11879 | 12366 | 12824 | 13246 | 13630  |
|               |                 | 40        | 8174  | 8625  | 9078  | 9529  | 9971  | 10402 | 10816 | 11210 | 11578  |
|               |                 | 30        | 6902  | 7259  | 7632  | 8016  | 8406  | 8798  | 9188  | 9571  | 9943   |
| YSM260E1G-100 | Capacity<br>(W) | 60        |       |       | 13267 | 16216 | 19526 | 23313 | 27690 | 32772 | 38675  |
|               |                 | 50        | 10762 | 13630 | 16792 | 20362 | 24454 | 29184 | 34666 | 41015 | 48345  |
|               |                 | 40        | 12833 | 15998 | 19619 | 23808 | 28682 | 34355 | 40942 | 48556 | 57314  |
|               |                 | 30        | 14585 | 18047 | 22126 | 26935 | 32590 | 39205 | 46895 | 55775 | 65959  |
|               | Power<br>(W)    | 60        |       |       | 14304 | 15010 | 15678 | 16302 | 16876 | 17397 | 17858  |
|               |                 | 50        | 10746 | 11371 | 11982 | 12574 | 13142 | 13682 | 14188 | 14656 | 15080  |
|               |                 | 40        | 9043  | 9543  | 10044 | 10542 | 11032 | 11508 | 11967 | 12402 | 12810  |
|               |                 | 30        | 7636  | 8031  | 8444  | 8868  | 9300  | 9734  | 10166 | 10590 | 11001  |
| YM280E1G-100  | Capacity<br>(W) | 60        |       |       | 13382 | 16357 | 19696 | 23515 | 27930 | 33057 | 39011  |
|               |                 | 50        | 10856 | 13749 | 16938 | 20539 | 24666 | 29437 | 34967 | 41371 | 48765  |
|               |                 | 40        | 12944 | 16137 | 19789 | 24015 | 28931 | 34653 | 41297 | 48978 | 57811  |
|               |                 | 30        | 14712 | 18204 | 22318 | 27169 | 32873 | 39545 | 47302 | 56259 | 66532  |
|               | Power<br>(W)    | 60        |       |       | 15227 | 15980 | 16690 | 17354 | 17966 | 18520 | 19011  |
|               |                 | 50        | 11440 | 12105 | 12755 | 13386 | 13991 | 14565 | 15104 | 15602 | 16053  |
|               |                 | 40        | 9627  | 10159 | 10693 | 11223 | 11744 | 12252 | 12740 | 13203 | 13637  |
|               |                 | 30        | 8129  | 8550  | 8989  | 9441  | 9901  | 10363 | 10822 | 11273 | 11711  |
| YM350E1G-100  | Capacity<br>(W) | 60        |       |       | 19926 | 23948 | 28782 | 34652 | 41780 | 50391 | 60706  |
|               |                 | 50        | 15289 | 19274 | 23789 | 29059 | 35306 | 42754 | 51625 | 62143 | 74531  |
|               |                 | 40        | 17820 | 22443 | 27762 | 34001 | 41381 | 50127 | 60462 | 72608 | 86789  |
|               |                 | 30        | 20468 | 25451 | 31294 | 38221 | 46455 | 56220 | 67738 | 81233 | 96928  |
|               | Power<br>(W)    | 60        |       |       | 16602 | 17842 | 18997 | 20074 | 21076 | 22010 | 22800  |
|               |                 | 50        | 12186 | 13386 | 14500 | 15534 | 16494 | 17384 | 18210 | 18978 | 19692  |
|               |                 | 40        | 10870 | 11847 | 12750 | 13582 | 14349 | 15057 | 15710 | 16315 | 16877  |
|               |                 | 30        | 9661  | 10420 | 11113 | 11746 | 12325 | 12854 | 13339 | 13784 | 14197  |
| YM410E1G-100  | Capacity<br>(W) | 60        |       |       | 23170 | 27846 | 33467 | 40293 | 48582 | 58594 | 70589  |
|               |                 | 50        | 17778 | 22411 | 27662 | 33790 | 41054 | 49714 | 60029 | 72260 | 86664  |
|               |                 | 40        | 20721 | 26097 | 32282 | 39536 | 48118 | 58287 | 70304 | 84428 | 100917 |
|               |                 | 30        | 23801 | 29594 | 36388 | 44443 | 54018 | 65372 | 78765 | 94457 | 112707 |
|               | Power<br>(W)    | 60        |       |       | 19304 | 20746 | 22090 | 23341 | 24507 | 25593 | 26605  |
|               |                 | 50        | 14170 | 15565 | 16860 | 18063 | 19179 | 20214 | 21175 | 22067 | 22898  |
|               |                 | 40        | 12640 | 13776 | 14825 | 15792 | 16685 | 17508 | 18268 | 18971 | 19624  |
|               |                 | 30        | 11234 | 12116 | 12922 | 13659 | 14331 | 14946 | 15510 | 16028 | 16508  |

Remark:

|  |                                       |
|--|---------------------------------------|
|  | Suction Superheat 11.1K, No Subcoolig |
|  | RG 20°C, No Subcooling                |

## YM Series

50Hz

## Capacity

R448A R449A

| Model       |              | C.T. (°C) | E.T. (°C) |      |      |      |      |       |       |       |       |
|-------------|--------------|-----------|-----------|------|------|------|------|-------|-------|-------|-------|
|             |              |           | -30       | -25  | -20  | -15  | -10  | -5    | 0     | 5     | 10    |
| YM34E2G-102 | Capacity (W) | 60        |           |      |      | 2278 | 2751 | 3321  | 4001  | 4804  | 5742  |
|             |              | 50        |           | 1710 | 2125 | 2620 | 3207 | 3900  | 4711  | 5653  | 6739  |
|             |              | 40        | 1498      | 1910 | 2398 | 2974 | 3651 | 4442  | 5360  | 6417  | 7627  |
|             |              | 30        | 1680      | 2133 | 2670 | 3303 | 4046 | 4911  | 5911  | 7059  | 8367  |
|             | Power (W)    | 60        |           |      |      | 1820 | 1933 | 2022  | 2094  | 2151  | 2200  |
|             |              | 50        |           | 1374 | 1481 | 1566 | 1633 | 1687  | 1733  | 1776  | 1820  |
|             |              | 40        | 1134      | 1212 | 1273 | 1322 | 1364 | 1403  | 1444  | 1492  | 1551  |
|             |              | 30        | 994       | 1037 | 1072 | 1106 | 1142 | 1186  | 1242  | 1315  | 1410  |
|             |              |           |           |      |      |      |      |       |       |       |       |
| YM43E2G-102 | Capacity (W) | 60        |           |      |      | 2874 | 3470 | 4189  | 5047  | 6059  | 7242  |
|             |              | 50        |           | 2157 | 2680 | 3304 | 4045 | 4919  | 5941  | 7129  | 8499  |
|             |              | 40        | 1889      | 2409 | 3025 | 3751 | 4605 | 5603  | 6760  | 8094  | 9619  |
|             |              | 30        | 2119      | 2690 | 3367 | 4166 | 5103 | 6194  | 7455  | 8903  | 10554 |
|             | Power (W)    | 60        |           |      |      | 2296 | 2438 | 2551  | 2641  | 2713  | 2775  |
|             |              | 50        |           | 1733 | 1868 | 1975 | 2059 | 2128  | 2186  | 2240  | 2295  |
|             |              | 40        | 1430      | 1529 | 1606 | 1668 | 1720 | 1769  | 1821  | 1881  | 1956  |
|             |              | 30        | 1254      | 1307 | 1352 | 1395 | 1441 | 1496  | 1567  | 1659  | 1778  |
|             |              |           |           |      |      |      |      |       |       |       |       |
| YM49E2G-102 | Capacity (W) | 60        |           |      |      | 3188 | 3850 | 4648  | 5599  | 6722  | 8035  |
|             |              | 50        |           | 2394 | 2974 | 3666 | 4488 | 5457  | 6592  | 7910  | 9430  |
|             |              | 40        | 2096      | 2673 | 3356 | 4162 | 5110 | 6217  | 7501  | 8980  | 10673 |
|             |              | 30        | 2351      | 2985 | 3736 | 4622 | 5662 | 6872  | 8272  | 9878  | 11709 |
|             | Power (W)    | 60        |           |      |      | 2548 | 2705 | 2830  | 2930  | 3011  | 3079  |
|             |              | 50        |           | 1923 | 2073 | 2191 | 2285 | 2361  | 2425  | 2485  | 2547  |
|             |              | 40        | 1587      | 1696 | 1782 | 1850 | 1909 | 1963  | 2021  | 2087  | 2170  |
|             |              | 30        | 1392      | 1451 | 1500 | 1547 | 1598 | 1660  | 1738  | 1840  | 1973  |
|             |              |           |           |      |      |      |      |       |       |       |       |
| YM60E2G-100 | Capacity (W) | 60        |           |      |      | 3968 | 4792 | 5785  | 6969  | 8367  | 10000 |
|             |              | 50        |           | 2979 | 3701 | 4563 | 5586 | 6792  | 8205  | 9845  | 11737 |
|             |              | 40        | 2608      | 3327 | 4177 | 5180 | 6360 | 7737  | 9336  | 11177 | 13284 |
|             |              | 30        | 2926      | 3715 | 4650 | 5753 | 7047 | 8553  | 10295 | 12295 | 14574 |
|             | Power (W)    | 60        |           |      |      | 3171 | 3367 | 3523  | 3647  | 3747  | 3832  |
|             |              | 50        |           | 2394 | 2580 | 2727 | 2844 | 2938  | 3019  | 3093  | 3169  |
|             |              | 40        | 1975      | 2111 | 2218 | 2303 | 2376 | 2443  | 2515  | 2598  | 2701  |
|             |              | 30        | 1732      | 1806 | 1867 | 1926 | 1989 | 2066  | 2163  | 2290  | 2455  |
|             |              |           |           |      |      |      |      |       |       |       |       |
| YM70E2G-100 | Capacity (W) | 60        |           |      |      | 4215 | 5296 | 6514  | 7910  | 9524  | 11396 |
|             |              | 50        |           | 3286 | 4230 | 5269 | 6443 | 7795  | 9363  | 11189 | 13312 |
|             |              | 40        | 3080      | 3969 | 4953 | 6071 | 7365 | 8874  | 10640 | 12703 | 15103 |
|             |              | 30        | 3510      | 4425 | 5473 | 6696 | 8134 | 9827  | 11815 | 14140 | 16842 |
|             | Power (W)    | 60        |           |      |      | 3923 | 4113 | 4302  | 4487  | 4665  | 4833  |
|             |              | 50        |           | 2880 | 3040 | 3206 | 3374 | 3542  | 3707  | 3864  | 4012  |
|             |              | 40        | 2294      | 2421 | 2558 | 2701 | 2847 | 2992  | 3133  | 3268  | 3394  |
|             |              | 30        | 1975      | 2078 | 2189 | 2307 | 2428 | 2549  | 2666  | 2777  | 2877  |
|             |              |           |           |      |      |      |      |       |       |       |       |
| YM86E2G-100 | Capacity (W) | 60        |           |      |      | 5179 | 6508 | 8004  | 9719  | 11702 | 14002 |
|             |              | 50        |           | 4038 | 5197 | 6474 | 7917 | 9577  | 11504 | 13747 | 16356 |
|             |              | 40        | 3785      | 4877 | 6085 | 7459 | 9049 | 10903 | 13073 | 15607 | 18556 |
|             |              | 30        | 4313      | 5436 | 6724 | 8227 | 9993 | 12073 | 14517 | 17373 | 20693 |
|             | Power (W)    | 60        |           |      |      | 4820 | 5053 | 5285  | 5513  | 5732  | 5938  |
|             |              | 50        |           | 3538 | 3735 | 3939 | 4146 | 4352  | 4554  | 4748  | 4929  |
|             |              | 40        | 2818      | 2975 | 3143 | 3318 | 3497 | 3676  | 3850  | 4016  | 4169  |
|             |              | 30        | 2427      | 2552 | 2690 | 2835 | 2983 | 3131  | 3275  | 3411  | 3535  |
|             |              |           |           |      |      |      |      |       |       |       |       |
| YM34E1G-100 | Capacity (W) | 60        |           |      |      | 2270 | 2746 | 3315  | 3992  | 4793  | 5733  |
|             |              | 50        |           | 1702 | 2122 | 2615 | 3198 | 3885  | 4692  | 5636  | 6732  |
|             |              | 40        | 1496      | 1911 | 2396 | 2967 | 3640 | 4430  | 5352  | 6423  | 7659  |
|             |              | 30        | 1684      | 2137 | 2672 | 3305 | 4052 | 4929  | 5950  | 7133  | 8492  |
|             | Power (W)    | 60        |           |      |      | 1818 | 1967 | 2079  | 2161  | 2220  | 2262  |
|             |              | 50        |           | 1327 | 1481 | 1599 | 1687 | 1752  | 1800  | 1838  | 1872  |
|             |              | 40        | 1088      | 1206 | 1295 | 1361 | 1410 | 1450  | 1486  | 1525  | 1573  |
|             |              | 30        | 976       | 1038 | 1084 | 1120 | 1152 | 1188  | 1234  | 1296  | 1381  |
|             |              |           |           |      |      |      |      |       |       |       |       |

Remark:

|  |                                       |
|--|---------------------------------------|
|  | Suction Superheat 11.1K, No Subcoolig |
|  | RG 20°C, No Subcooling                |

## YM Series

## 50Hz

### Capacity

## R448A R449A

| Model        |                 | C.T.<br>(°C) | E.T. (°C) |      |      |       |       |       |       |       |       |
|--------------|-----------------|--------------|-----------|------|------|-------|-------|-------|-------|-------|-------|
|              |                 |              | -30       | -25  | -20  | -15   | -10   | -5    | 0     | 5     | 10    |
| YM43E1G-100  | Capacity<br>(W) | 60           |           |      |      | 2863  | 3464  | 4181  | 5035  | 6045  | 7231  |
|              |                 | 50           |           | 2147 | 2676 | 3298  | 4033  | 4900  | 5918  | 7109  | 8491  |
|              |                 | 40           | 1886      | 2410 | 3022 | 3743  | 4591  | 5587  | 6751  | 8102  | 9660  |
|              |                 | 30           | 2124      | 2695 | 3370 | 4168  | 5111  | 6216  | 7505  | 8997  | 10711 |
|              | Power<br>(W)    | 60           |           |      |      | 2293  | 2481  | 2622  | 2726  | 2800  | 2853  |
|              |                 | 50           |           | 1673 | 1868 | 2016  | 2128  | 2209  | 2270  | 2318  | 2361  |
|              |                 | 40           | 1372      | 1521 | 1633 | 1716  | 1779  | 1829  | 1874  | 1923  | 1984  |
|              |                 | 30           | 1232      | 1310 | 1367 | 1412  | 1454  | 1499  | 1557  | 1635  | 1742  |
| YM49E1G-100  | Capacity<br>(W) | 60           |           |      |      | 3176  | 3843  | 4639  | 5586  | 6707  | 8023  |
|              |                 | 50           |           | 2382 | 2970 | 3660  | 4475  | 5436  | 6567  | 7887  | 9421  |
|              |                 | 40           | 2093      | 2674 | 3353 | 4153  | 5094  | 6199  | 7490  | 8989  | 10718 |
|              |                 | 30           | 2356      | 2990 | 3739 | 4625  | 5670  | 6897  | 8327  | 9982  | 11884 |
|              | Power<br>(W)    | 60           |           |      |      | 2544  | 2752  | 2910  | 3025  | 3107  | 3165  |
|              |                 | 50           |           | 1857 | 2072 | 2237  | 2361  | 2451  | 2519  | 2572  | 2620  |
|              |                 | 40           | 1522      | 1688 | 1812 | 1904  | 1974  | 2029  | 2079  | 2134  | 2202  |
|              |                 | 30           | 1366      | 1453 | 1517 | 1567  | 1613  | 1663  | 1727  | 1814  | 1933  |
| YM60E1G-100  | Capacity<br>(W) | 60           |           |      |      | 3953  | 4783  | 5774  | 6953  | 8348  | 9986  |
|              |                 | 50           |           | 2964 | 3696 | 4555  | 5569  | 6766  | 8173  | 9817  | 11725 |
|              |                 | 40           | 2605      | 3328 | 4174 | 5168  | 6340  | 7715  | 9322  | 11188 | 13340 |
|              |                 | 30           | 2933      | 3721 | 4653 | 5756  | 7058  | 8584  | 10364 | 12424 | 14791 |
|              | Power<br>(W)    | 60           |           |      |      | 3167  | 3426  | 3621  | 3765  | 3867  | 3940  |
|              |                 | 50           |           | 2311 | 2579 | 2785  | 2938  | 3051  | 3135  | 3201  | 3261  |
|              |                 | 40           | 1894      | 2101 | 2256 | 2370  | 2456  | 2525  | 2588  | 2656  | 2740  |
|              |                 | 30           | 1701      | 1808 | 1888 | 1950  | 2007  | 2070  | 2150  | 2258  | 2405  |
| YM70E1G-100  | Capacity<br>(W) | 60           |           |      |      | 4215  | 5296  | 6514  | 7910  | 9524  | 11396 |
|              |                 | 50           |           | 3286 | 4230 | 5269  | 6443  | 7795  | 9363  | 11189 | 13312 |
|              |                 | 40           | 3080      | 3969 | 4953 | 6071  | 7365  | 8874  | 10640 | 12703 | 15103 |
|              |                 | 30           | 3510      | 4425 | 5473 | 6696  | 8134  | 9827  | 11815 | 14140 | 16842 |
|              | Power<br>(W)    | 60           |           |      |      | 3784  | 3973  | 4162  | 4348  | 4526  | 4694  |
|              |                 | 50           |           | 2740 | 2900 | 3066  | 3235  | 3403  | 3567  | 3725  | 3872  |
|              |                 | 40           | 2154      | 2282 | 2419 | 2561  | 2707  | 2852  | 2994  | 3129  | 3254  |
|              |                 | 30           | 1836      | 1938 | 2050 | 2168  | 2288  | 2409  | 2526  | 2637  | 2738  |
| YM86E1G-100  | Capacity<br>(W) | 60           |           |      |      | 5179  | 6508  | 8004  | 9719  | 11702 | 14002 |
|              |                 | 50           |           | 4038 | 5197 | 6474  | 7917  | 9577  | 11504 | 13747 | 16356 |
|              |                 | 40           | 3785      | 4877 | 6085 | 7459  | 9049  | 10903 | 13073 | 15607 | 18556 |
|              |                 | 30           | 4313      | 5436 | 6725 | 8227  | 9993  | 12073 | 14517 | 17373 | 20693 |
|              | Power<br>(W)    | 60           |           |      |      | 4648  | 4882  | 5114  | 5341  | 5560  | 5767  |
|              |                 | 50           |           | 3367 | 3563 | 3767  | 3974  | 4181  | 4383  | 4576  | 4757  |
|              |                 | 40           | 2647      | 2803 | 2971 | 3147  | 3326  | 3504  | 3678  | 3844  | 3998  |
|              |                 | 30           | 2255      | 2381 | 2518 | 2663  | 2812  | 2960  | 3104  | 3240  | 3364  |
| YM102E1G-100 | Capacity<br>(W) | 60           |           |      |      | 6113  | 7680  | 9446  | 11470 | 13809 | 16524 |
|              |                 | 50           |           | 4766 | 6133 | 7640  | 9343  | 11302 | 13576 | 16223 | 19302 |
|              |                 | 40           | 4467      | 5755 | 7181 | 8802  | 10678 | 12867 | 15427 | 18418 | 21898 |
|              |                 | 30           | 5089      | 6415 | 7936 | 9708  | 11793 | 14247 | 17131 | 20502 | 24419 |
|              | Power<br>(W)    | 60           |           |      |      | 5486  | 5761  | 6035  | 6303  | 6562  | 6805  |
|              |                 | 50           |           | 3973 | 4205 | 4446  | 4690  | 4934  | 5172  | 5400  | 5614  |
|              |                 | 40           | 3123      | 3308 | 3507 | 3714  | 3925  | 4135  | 4341  | 4537  | 4718  |
|              |                 | 30           | 2661      | 2810 | 2972 | 3143  | 3318  | 3493  | 3663  | 3823  | 3970  |
| YM115E1G-100 | Capacity<br>(W) | 60           |           |      |      | 6715  | 8437  | 10378 | 12601 | 15172 | 18154 |
|              |                 | 50           |           | 5235 | 6738 | 8393  | 10265 | 12417 | 14915 | 17824 | 21206 |
|              |                 | 40           | 4907      | 6323 | 7890 | 9671  | 11732 | 14136 | 16949 | 20235 | 24059 |
|              |                 | 30           | 5591      | 7048 | 8718 | 10666 | 12956 | 15653 | 18821 | 22525 | 26828 |
|              | Power<br>(W)    | 60           |           |      |      | 6027  | 6329  | 6630  | 6925  | 7209  | 7477  |
|              |                 | 50           |           | 4365 | 4620 | 4884  | 5153  | 5420  | 5682  | 5933  | 6168  |
|              |                 | 40           | 3431      | 3635 | 3853 | 4080  | 4312  | 4543  | 4769  | 4984  | 5183  |
|              |                 | 30           | 2924      | 3087 | 3265 | 3453  | 3645  | 3837  | 4024  | 4201  | 4361  |

Remark:

|  |                                       |
|--|---------------------------------------|
|  | Suction Superheat 11.1K, No Subcoolig |
|  | RG 20°C, No Subcooling                |

## YM Series

## 50Hz

## Capacity

## R452A

| Model       |                 | C.T.<br>(°C) | E.T. (°C) |      |      |      |       |       |       |       |       |
|-------------|-----------------|--------------|-----------|------|------|------|-------|-------|-------|-------|-------|
|             |                 |              | -30       | -25  | -20  | -15  | -10   | -5    | 0     | 5     | 10    |
| YM34E2G-102 | Capacity<br>(W) | 60           |           |      | 1837 | 2245 | 2704  | 3228  | 3834  | 4538  | 5355  |
|             |                 | 50           | 1490      | 1887 | 2325 | 2819 | 3386  | 4041  | 4800  | 5679  | 6694  |
|             |                 | 40           | 1777      | 2215 | 2716 | 3297 | 3971  | 4757  | 5669  | 6723  | 7936  |
|             |                 | 30           | 2019      | 2499 | 3064 | 3729 | 4512  | 5428  | 6493  | 7723  | 9133  |
|             | Power<br>(W)    | 60           |           |      | 2243 | 2350 | 2451  | 2545  | 2632  | 2711  | 2780  |
|             |                 | 50           | 1705      | 1800 | 1892 | 1981 | 2067  | 2149  | 2225  | 2296  | 2360  |
|             |                 | 40           | 1448      | 1523 | 1599 | 1674 | 1748  | 1820  | 1890  | 1955  | 2017  |
|             |                 | 30           | 1235      | 1295 | 1357 | 1421 | 1486  | 1552  | 1617  | 1681  | 1743  |
| YM43E2G-102 | Capacity<br>(W) | 60           |           |      | 2194 | 2682 | 3229  | 3856  | 4579  | 5420  | 6396  |
|             |                 | 50           | 1780      | 2254 | 2777 | 3368 | 4044  | 4827  | 5733  | 6783  | 7996  |
|             |                 | 40           | 2122      | 2646 | 3245 | 3938 | 4744  | 5682  | 6771  | 8030  | 9479  |
|             |                 | 30           | 2412      | 2985 | 3659 | 4455 | 5390  | 6484  | 7756  | 9224  | 10909 |
|             | Power<br>(W)    | 60           |           |      | 2618 | 2743 | 2861  | 2971  | 3072  | 3164  | 3246  |
|             |                 | 50           | 1990      | 2101 | 2209 | 2313 | 2413  | 2509  | 2598  | 2680  | 2755  |
|             |                 | 40           | 1690      | 1778 | 1866 | 1954 | 2041  | 2125  | 2206  | 2283  | 2354  |
|             |                 | 30           | 1441      | 1511 | 1584 | 1659 | 1735  | 1812  | 1888  | 1963  | 2035  |
| YM49E2G-102 | Capacity<br>(W) | 60           |           |      | 2354 | 2896 | 3511  | 4217  | 5036  | 5989  | 7096  |
|             |                 | 50           | 1912      | 2446 | 3035 | 3702 | 4467  | 5350  | 6372  | 7554  | 8916  |
|             |                 | 40           | 2314      | 2914 | 3596 | 4383 | 5293  | 6348  | 7569  | 8976  | 10589 |
|             |                 | 30           | 2643      | 3306 | 4077 | 4978 | 6030  | 7253  | 8668  | 10295 | 12155 |
|             | Power<br>(W)    | 60           |           |      | 2883 | 2948 | 3008  | 3061  | 3107  | 3145  | 3176  |
|             |                 | 50           | 2129      | 2213 | 2294 | 2369 | 2440  | 2506  | 2565  | 2618  | 2663  |
|             |                 | 40           | 1734      | 1817 | 1897 | 1973 | 2045  | 2113  | 2175  | 2231  | 2281  |
|             |                 | 30           | 1484      | 1555 | 1624 | 1690 | 1753  | 1812  | 1867  | 1916  | 1960  |
| YM60E2G-100 | Capacity<br>(W) | 60           |           |      | 3062 | 3742 | 4506  | 5380  | 6390  | 7563  | 8925  |
|             |                 | 50           | 2484      | 3146 | 3875 | 4699 | 5643  | 6735  | 8000  | 9465  | 11157 |
|             |                 | 40           | 2961      | 3692 | 4527 | 5494 | 6619  | 7928  | 9448  | 11205 | 13226 |
|             |                 | 30           | 3366      | 4165 | 5106 | 6216 | 7521  | 9047  | 10822 | 12871 | 15221 |
|             | Power<br>(W)    | 60           |           |      | 3417 | 3586 | 3745  | 3894  | 4032  | 4156  | 4266  |
|             |                 | 50           | 2567      | 2716 | 2862 | 3004 | 3140  | 3269  | 3389  | 3501  | 3602  |
|             |                 | 40           | 2160      | 2280 | 2400 | 2518 | 2635  | 2749  | 2859  | 2963  | 3060  |
|             |                 | 30           | 1824      | 1919 | 2017 | 2119 | 2222  | 2325  | 2429  | 2530  | 2628  |
| YM70E2G-100 | Capacity<br>(W) | 60           |           |      | 3572 | 4366 | 5257  | 6277  | 7455  | 8823  | 10413 |
|             |                 | 50           | 2898      | 3670 | 4521 | 5482 | 6584  | 7857  | 9333  | 11043 | 13016 |
|             |                 | 40           | 3455      | 4307 | 5282 | 6410 | 7722  | 9250  | 11023 | 13073 | 15431 |
|             |                 | 30           | 3927      | 4859 | 5957 | 7252 | 8774  | 10555 | 12626 | 15016 | 17758 |
|             | Power<br>(W)    | 60           |           |      | 3890 | 4075 | 4250  | 4413  | 4564  | 4701  | 4822  |
|             |                 | 50           | 2957      | 3121 | 3281 | 3436 | 3585  | 3726  | 3859  | 3982  | 4093  |
|             |                 | 40           | 2510      | 2641 | 2773 | 2903 | 3032  | 3156  | 3277  | 3391  | 3498  |
|             |                 | 30           | 2141      | 2245 | 2353 | 2464 | 2577  | 2691  | 2804  | 2915  | 3023  |
| YM86E2G-100 | Capacity<br>(W) | 60           |           |      | 4388 | 5364 | 6459  | 7711  | 9159  | 10840 | 12792 |
|             |                 | 50           | 3560      | 4509 | 5554 | 6735 | 8089  | 9653  | 11466 | 13566 | 15991 |
|             |                 | 40           | 4245      | 5292 | 6489 | 7875 | 9487  | 11364 | 13542 | 16061 | 18958 |
|             |                 | 30           | 4824      | 5970 | 7319 | 8909 | 10780 | 12968 | 15512 | 18449 | 21817 |
|             | Power<br>(W)    | 60           |           |      | 4800 | 5029 | 5245  | 5447  | 5633  | 5801  | 5950  |
|             |                 | 50           | 3649      | 3851 | 4049 | 4240 | 4424  | 4599  | 4763  | 4914  | 5051  |
|             |                 | 40           | 3098      | 3260 | 3422 | 3583 | 3741  | 3896  | 4044  | 4185  | 4316  |
|             |                 | 30           | 2642      | 2770 | 2904 | 3041 | 3181  | 3321  | 3461  | 3598  | 3731  |
| YM34E1G-100 | Capacity<br>(W) | 60           |           |      | 1882 | 2177 | 2560  | 3034  | 3605  | 4277  | 5054  |
|             |                 | 50           | 1575      | 1846 | 2205 | 2657 | 3206  | 3857  | 4615  | 5483  | 6467  |
|             |                 | 40           | 1714      | 2096 | 2576 | 3158 | 3848  | 4650  | 5568  | 6607  | 7772  |
|             |                 | 30           | 1925      | 2391 | 2966 | 3653 | 4458  | 5384  | 6437  | 7622  | 8942  |
|             | Power<br>(W)    | 60           |           |      | 2013 | 2168 | 2313  | 2441  | 2542  | 2606  | 2624  |
|             |                 | 50           | 1574      | 1660 | 1760 | 1863 | 1962  | 2047  | 2107  | 2136  | 2122  |
|             |                 | 40           | 1364      | 1407 | 1468 | 1536 | 1603  | 1659  | 1696  | 1703  | 1673  |
|             |                 | 30           | 1138      | 1154 | 1190 | 1238 | 1288  | 1332  | 1359  | 1361  | 1328  |

Remark:

|  |                                        |
|--|----------------------------------------|
|  | Suction Superheat 11.1K, No Subcooling |
|  | RG 20°C, No Subcooling                 |

## YM Series

### Capacity

## 50Hz

## R452A

| Model        |                 | C.T.<br>(°C) | E.T. (°C) |      |      |       |       |       |       |       |       |
|--------------|-----------------|--------------|-----------|------|------|-------|-------|-------|-------|-------|-------|
|              |                 |              | -30       | -25  | -20  | -15   | -10   | -5    | 0     | 5     | 10    |
| YM43E1G-100  | Capacity<br>(W) | 60           |           |      | 2194 | 2682  | 3229  | 3856  | 4579  | 5420  | 6396  |
|              |                 | 50           | 1780      | 2254 | 2777 | 3368  | 4044  | 4827  | 5733  | 6783  | 7996  |
|              |                 | 40           | 2122      | 2646 | 3245 | 3938  | 4744  | 5682  | 6771  | 8030  | 9479  |
|              |                 | 30           | 2412      | 2985 | 3659 | 4455  | 5390  | 6484  | 7756  | 9224  | 10909 |
|              | Power<br>(W)    | 60           |           |      | 2502 | 2625  | 2742  | 2851  | 2952  | 3043  | 3124  |
|              |                 | 50           | 1880      | 1989 | 2096 | 2199  | 2299  | 2393  | 2482  | 2563  | 2638  |
|              |                 | 40           | 1582      | 1669 | 1757 | 1844  | 1930  | 2013  | 2093  | 2169  | 2241  |
|              |                 | 30           | 1336      | 1405 | 1477 | 1551  | 1627  | 1703  | 1778  | 1852  | 1924  |
| YM49E1G-100  | Capacity<br>(W) | 60           |           |      | 2374 | 2893  | 3347  | 4175  | 5108  | 6144  | 7279  |
|              |                 | 50           | 1979      | 2494 | 2781 | 3550  | 4438  | 5442  | 6558  | 7784  | 9115  |
|              |                 | 40           | 2417      | 2731 | 3494 | 4385  | 5402  | 6541  | 7800  | 9176  | 10665 |
|              |                 | 30           | 2584      | 3283 | 4120 | 5093  | 6199  | 7434  | 8797  | 10282 | 11889 |
|              | Power<br>(W)    | 60           |           |      | 2708 | 2832  | 2941  | 3039  | 3124  | 3199  | 3262  |
|              |                 | 50           | 2091      | 2201 | 2302 | 2394  | 2479  | 2556  | 2628  | 2693  | 2753  |
|              |                 | 40           | 1802      | 1879 | 1953 | 2023  | 2092  | 2159  | 2225  | 2291  | 2356  |
|              |                 | 30           | 1542      | 1596 | 1652 | 1710  | 1772  | 1837  | 1907  | 1982  | 2062  |
| YM60E1G-100  | Capacity<br>(W) | 60           |           |      | 3062 | 3742  | 4506  | 5380  | 6390  | 7563  | 8925  |
|              |                 | 50           | 2484      | 3146 | 3875 | 4699  | 5643  | 6735  | 8000  | 9465  | 11157 |
|              |                 | 40           | 2961      | 3692 | 4527 | 5494  | 6619  | 7928  | 9448  | 11205 | 13226 |
|              |                 | 30           | 3366      | 4165 | 5106 | 6216  | 7521  | 9047  | 10822 | 12871 | 15221 |
|              | Power<br>(W)    | 60           |           |      | 3417 | 3586  | 3745  | 3894  | 4032  | 4156  | 4266  |
|              |                 | 50           | 2567      | 2716 | 2862 | 3004  | 3140  | 3269  | 3389  | 3501  | 3602  |
|              |                 | 40           | 2160      | 2280 | 2400 | 2518  | 2635  | 2749  | 2859  | 2963  | 3060  |
|              |                 | 30           | 1824      | 1919 | 2017 | 2119  | 2222  | 2325  | 2429  | 2530  | 2628  |
| YM70E1G-100  | Capacity<br>(W) | 60           |           |      | 3572 | 4366  | 5257  | 6277  | 7455  | 8823  | 10413 |
|              |                 | 50           | 2898      | 3670 | 4521 | 5482  | 6584  | 7857  | 9333  | 11043 | 13016 |
|              |                 | 40           | 3455      | 4307 | 5282 | 6410  | 7722  | 9250  | 11023 | 13073 | 15431 |
|              |                 | 30           | 3927      | 4859 | 5957 | 7252  | 8774  | 10555 | 12626 | 15016 | 17758 |
|              | Power<br>(W)    | 60           |           |      | 3851 | 4041  | 4221  | 4389  | 4544  | 4684  | 4808  |
|              |                 | 50           | 2893      | 3061 | 3226 | 3385  | 3538  | 3684  | 3820  | 3946  | 4060  |
|              |                 | 40           | 2435      | 2569 | 2704 | 2838  | 2970  | 3098  | 3222  | 3339  | 3449  |
|              |                 | 30           | 2056      | 2162 | 2273 | 2388  | 2504  | 2621  | 2737  | 2851  | 2962  |
| YM86E1G-100  | Capacity<br>(W) | 60           |           |      | 4388 | 5364  | 6459  | 7711  | 9159  | 10840 | 12792 |
|              |                 | 50           | 3560      | 4509 | 5554 | 6735  | 8089  | 9653  | 11466 | 13566 | 15991 |
|              |                 | 40           | 4245      | 5292 | 6489 | 7875  | 9487  | 11364 | 13542 | 16061 | 18958 |
|              |                 | 30           | 4824      | 5970 | 7319 | 8909  | 10780 | 12968 | 15512 | 18449 | 21817 |
|              | Power<br>(W)    | 60           |           |      | 4628 | 4857  | 5073  | 5275  | 5461  | 5629  | 5779  |
|              |                 | 50           | 3477      | 3679 | 3877 | 4069  | 4253  | 4427  | 4591  | 4742  | 4879  |
|              |                 | 40           | 2926      | 3088 | 3250 | 3411  | 3570  | 3724  | 3872  | 4013  | 4145  |
|              |                 | 30           | 2471      | 2599 | 2732 | 2870  | 3009  | 3150  | 3289  | 3427  | 3560  |
| YM102E1G-100 | Capacity<br>(W) | 60           |           |      | 5205 | 6362  | 7660  | 9146  | 10863 | 12857 | 15172 |
|              |                 | 50           | 4222      | 5347 | 6588 | 7988  | 9593  | 11449 | 13600 | 16090 | 18966 |
|              |                 | 40           | 5034      | 6276 | 7697 | 9340  | 11252 | 13478 | 16062 | 19049 | 22485 |
|              |                 | 30           | 5722      | 7080 | 8680 | 10567 | 12785 | 15380 | 18397 | 21881 | 25876 |
|              | Power<br>(W)    | 60           |           |      | 5489 | 5761  | 6017  | 6256  | 6477  | 6677  | 6854  |
|              |                 | 50           | 4124      | 4364 | 4598 | 4826  | 5044  | 5251  | 5445  | 5625  | 5787  |
|              |                 | 40           | 3471      | 3662 | 3855 | 4046  | 4234  | 4417  | 4593  | 4760  | 4916  |
|              |                 | 30           | 2930      | 3082 | 3241 | 3403  | 3569  | 3736  | 3901  | 4064  | 4222  |
| YM115E1G-100 | Capacity<br>(W) | 60           |           |      | 5868 | 7172  | 8637  | 10311 | 12247 | 14495 | 17106 |
|              |                 | 50           | 4760      | 6029 | 7427 | 9006  | 10816 | 12908 | 15333 | 18141 | 21384 |
|              |                 | 40           | 5676      | 7076 | 8677 | 10531 | 12686 | 15196 | 18109 | 21477 | 25350 |
|              |                 | 30           | 6451      | 7982 | 9786 | 11914 | 14415 | 17341 | 20742 | 24670 | 29174 |
|              | Power<br>(W)    | 60           |           |      | 6412 | 6729  | 7028  | 7308  | 7565  | 7799  | 8006  |
|              |                 | 50           | 4817      | 5097 | 5371 | 5637  | 5891  | 6133  | 6360  | 6570  | 6760  |
|              |                 | 40           | 4054      | 4278 | 4503 | 4726  | 4945  | 5159  | 5365  | 5560  | 5742  |
|              |                 | 30           | 3423      | 3600 | 3785 | 3976  | 4169  | 4364  | 4557  | 4747  | 4932  |

Remark:

|  |                                       |
|--|---------------------------------------|
|  | Suction Superheat 11.1K, No Subcoolig |
|  | RG 20°C, No Subcooling                |

## YIM Series

### Capacity

## Variable Speed R290

| Model       |                 | C.T.<br>(°C) | E.T. (°C) |      |      |      |       |       |       |       |       |
|-------------|-----------------|--------------|-----------|------|------|------|-------|-------|-------|-------|-------|
|             |                 |              | -30       | -25  | -20  | -15  | -10   | -5    | 0     | 5     | 10    |
| YIM38P1-100 | Capacity<br>(W) | 60           |           |      | 2838 | 3515 | 4297  | 5203  | 6249  | 7454  | 8835  |
|             |                 | 50           | 2078      | 2640 | 3289 | 4041 | 4914  | 5926  | 7094  | 8437  | 9971  |
|             |                 | 40           | 2389      | 2992 | 3695 | 4518 | 5478  | 6593  | 7879  | 9356  | 11040 |
|             |                 | 30           | 2653      | 3291 | 4046 | 4936 | 5979  | 7192  | 8593  | 10200 | 12030 |
|             | Power<br>(W)    | 60           |           |      | 2486 | 2627 | 2758  | 2877  | 2985  | 3083  | 3169  |
|             |                 | 50           | 2017      | 2129 | 2236 | 2336 | 2430  | 2518  | 2599  | 2675  | 2744  |
|             |                 | 40           | 1808      | 1886 | 1964 | 2040 | 2114  | 2187  | 2259  | 2329  | 2398  |
|             |                 | 30           | 1572      | 1634 | 1699 | 1767 | 1839  | 1915  | 1993  | 2076  | 2161  |
| YIM42P1-100 | Capacity<br>(W) | 60           |           |      | 3175 | 3932 | 4807  | 5820  | 6990  | 8338  | 9883  |
|             |                 | 50           | 2324      | 2953 | 3679 | 4520 | 5496  | 6628  | 7935  | 9437  | 11153 |
|             |                 | 40           | 2673      | 3346 | 4133 | 5054 | 6128  | 7374  | 8814  | 10465 | 12349 |
|             |                 | 30           | 2967      | 3681 | 4526 | 5522 | 6688  | 8045  | 9612  | 11409 | 13456 |
|             | Power<br>(W)    | 60           |           |      | 2718 | 2872 | 3015  | 3145  | 3264  | 3370  | 3464  |
|             |                 | 50           | 2205      | 2328 | 2444 | 2554 | 2656  | 2752  | 2841  | 2924  | 3000  |
|             |                 | 40           | 1976      | 2062 | 2147 | 2230 | 2311  | 2391  | 2470  | 2547  | 2622  |
|             |                 | 30           | 1718      | 1786 | 1857 | 1932 | 2011  | 2093  | 2179  | 2269  | 2363  |
| YIM50P1-100 | Capacity<br>(W) | 60           |           |      | 3783 | 4686 | 5729  | 6936  | 8331  | 9937  | 11778 |
|             |                 | 50           | 2770      | 3520 | 4384 | 5386 | 6550  | 7899  | 9457  | 11246 | 13292 |
|             |                 | 40           | 3185      | 3988 | 4926 | 6023 | 7303  | 8788  | 10504 | 12472 | 14717 |
|             |                 | 30           | 3536      | 4387 | 5394 | 6580 | 7971  | 9588  | 11455 | 13597 | 16036 |
|             | Power<br>(W)    | 60           |           |      | 3290 | 3477 | 3649  | 3807  | 3950  | 4079  | 4193  |
|             |                 | 50           | 2669      | 2818 | 2958 | 3091 | 3215  | 3331  | 3439  | 3539  | 3631  |
|             |                 | 40           | 2392      | 2496 | 2598 | 2699 | 2797  | 2894  | 2989  | 3082  | 3174  |
|             |                 | 30           | 2080      | 2162 | 2248 | 2339 | 2434  | 2534  | 2638  | 2746  | 2860  |
| YIM60P1-100 | Capacity<br>(W) | 60           |           |      | 4465 | 5530 | 6761  | 8185  | 9832  | 11727 | 13900 |
|             |                 | 50           | 3269      | 4154 | 5174 | 6357 | 7730  | 9322  | 11161 | 13273 | 15687 |
|             |                 | 40           | 3759      | 4706 | 5814 | 7108 | 8619  | 10372 | 12396 | 14719 | 17368 |
|             |                 | 30           | 4173      | 5177 | 6365 | 7766 | 9407  | 11315 | 13520 | 16047 | 18926 |
|             | Power<br>(W)    | 60           |           |      | 3887 | 4108 | 4312  | 4498  | 4668  | 4820  | 4955  |
|             |                 | 50           | 3153      | 3329 | 3496 | 3652 | 3799  | 3936  | 4064  | 4182  | 4290  |
|             |                 | 40           | 2826      | 2949 | 3070 | 3189 | 3305  | 3420  | 3532  | 3642  | 3750  |
|             |                 | 30           | 2458      | 2554 | 2656 | 2763 | 2876  | 2994  | 3117  | 3245  | 3379  |
| YIM72P1-100 | Capacity<br>(W) | 60           |           |      | 5328 | 6599 | 8067  | 9767  | 11732 | 13994 | 16586 |
|             |                 | 50           | 3901      | 4957 | 6174 | 7585 | 9224  | 11124 | 13318 | 15838 | 18719 |
|             |                 | 40           | 4486      | 5616 | 6937 | 8482 | 10284 | 12376 | 14792 | 17564 | 20725 |
|             |                 | 30           | 4980      | 6178 | 7596 | 9267 | 11225 | 13502 | 16132 | 19148 | 22583 |
|             | Power<br>(W)    | 60           |           |      | 4787 | 5058 | 5309  | 5539  | 5747  | 5935  | 6101  |
|             |                 | 50           | 3883      | 4100 | 4304 | 4497 | 4678  | 4847  | 5004  | 5149  | 5283  |
|             |                 | 40           | 3480      | 3632 | 3781 | 3927 | 4070  | 4211  | 4349  | 4485  | 4617  |
|             |                 | 30           | 3026      | 3145 | 3271 | 3403 | 3541  | 3686  | 3838  | 3996  | 4161  |

Remark: capacity @4500RPM, please check with INVOTECH for more information.

Suction Superheat 11.1K, No Subcoolig

## YIM Series

### Capacity

## Variable Speed

## R404A

| Model        |                 | C.T.<br>(°C) | E.T. (°C) |      |      |      |       |       |       |       |       |
|--------------|-----------------|--------------|-----------|------|------|------|-------|-------|-------|-------|-------|
|              |                 |              | -30       | -25  | -20  | -15  | -10   | -5    | 0     | 5     | 10    |
| YIM38E2G-100 | Capacity<br>(W) | 60           |           |      |      |      | 4254  | 5262  | 6476  | 7923  | 9630  |
|              |                 | 50           |           |      | 3521 | 4404 | 5458  | 6710  | 8188  | 9917  | 11926 |
|              |                 | 40           | 2600      | 3360 | 4257 | 5317 | 6567  | 8033  | 9744  | 11725 | 14004 |
|              |                 | 30           | 3064      | 3933 | 4957 | 6164 | 7579  | 9229  | 11142 | 13345 | 15863 |
|              | Power<br>(W)    | 60           |           |      |      |      | 4196  | 4250  | 4287  | 4309  | 4317  |
|              |                 | 50           |           |      | 3315 | 3388 | 3448  | 3498  | 3539  | 3574  | 3604  |
|              |                 | 40           | 2604      | 2674 | 2735 | 2789 | 2840  | 2889  | 2938  | 2990  | 3047  |
|              |                 | 30           | 2177      | 2214 | 2251 | 2291 | 2336  | 2388  | 2450  | 2523  | 2610  |
|              |                 |              |           |      |      |      |       |       |       |       |       |
| YIM50E2G-100 | Capacity<br>(W) | 60           |           |      |      |      | 5460  | 6753  | 8311  | 10168 | 12358 |
|              |                 | 50           |           |      | 4518 | 5651 | 7004  | 8612  | 10508 | 12728 | 15305 |
|              |                 | 40           | 3337      | 4311 | 5461 | 6822 | 8426  | 10309 | 12505 | 15048 | 17972 |
|              |                 | 30           | 3933      | 5047 | 6361 | 7909 | 9725  | 11843 | 14299 | 17125 | 20357 |
|              | Power<br>(W)    | 60           |           |      |      |      | 5480  | 5551  | 5600  | 5628  | 5639  |
|              |                 | 50           |           |      | 4329 | 4425 | 4504  | 4569  | 4623  | 4668  | 4708  |
|              |                 | 40           | 3401      | 3492 | 3571 | 3643 | 3709  | 3773  | 3838  | 3906  | 3979  |
|              |                 | 30           | 2843      | 2891 | 2940 | 2993 | 3052  | 3120  | 3200  | 3296  | 3409  |
|              |                 |              |           |      |      |      |       |       |       |       |       |
| YIM60E2G-100 | Capacity<br>(W) | 60           |           |      |      |      | 6448  | 7975  | 9815  | 12008 | 14594 |
|              |                 | 50           |           |      | 5335 | 6673 | 8271  | 10170 | 12410 | 15031 | 18075 |
|              |                 | 40           | 3940      | 5091 | 6450 | 8056 | 9951  | 12175 | 14768 | 17771 | 21225 |
|              |                 | 30           | 4645      | 5961 | 7512 | 9340 | 11485 | 13987 | 16886 | 20224 | 24041 |
|              | Power<br>(W)    | 60           |           |      |      |      | 6333  | 6415  | 6471  | 6503  | 6515  |
|              |                 | 50           |           |      | 5002 | 5113 | 5205  | 5280  | 5342  | 5394  | 5439  |
|              |                 | 40           | 3930      | 4035 | 4127 | 4210 | 4287  | 4360  | 4435  | 4513  | 4598  |
|              |                 | 30           | 3286      | 3341 | 3398 | 3458 | 3526  | 3605  | 3698  | 3808  | 3939  |
|              |                 |              |           |      |      |      |       |       |       |       |       |
| YIM38E1G-100 | Capacity<br>(W) | 60           |           |      |      |      | 4296  | 5313  | 6539  | 8000  | 9723  |
|              |                 | 50           |           |      | 3554 | 4446 | 5511  | 6776  | 8268  | 10014 | 12042 |
|              |                 | 40           | 2625      | 3392 | 4297 | 5367 | 6630  | 8111  | 9839  | 11840 | 14140 |
|              |                 | 30           | 3094      | 3971 | 5005 | 6222 | 7651  | 9318  | 11250 | 13474 | 16017 |
|              | Power<br>(W)    | 60           |           |      |      |      | 4165  | 4219  | 4256  | 4277  | 4286  |
|              |                 | 50           |           |      | 3290 | 3363 | 3423  | 3472  | 3513  | 3548  | 3578  |
|              |                 | 40           | 2585      | 2654 | 2714 | 2769 | 2819  | 2868  | 2917  | 2968  | 3024  |
|              |                 | 30           | 2161      | 2197 | 2234 | 2274 | 2319  | 2371  | 2432  | 2504  | 2591  |
|              |                 |              |           |      |      |      |       |       |       |       |       |
| YIM42E1G-100 | Capacity<br>(W) | 60           |           |      |      |      | 4748  | 5873  | 7227  | 8842  | 10747 |
|              |                 | 50           |           |      | 3928 | 4914 | 6091  | 7489  | 9138  | 11068 | 13309 |
|              |                 | 40           | 2901      | 3749 | 4749 | 5932 | 7327  | 8965  | 10874 | 13086 | 15629 |
|              |                 | 30           | 3420      | 4389 | 5531 | 6877 | 8457  | 10299 | 12434 | 14892 | 17703 |
|              | Power<br>(W)    | 60           |           |      |      |      | 4603  | 4663  | 4704  | 4728  | 4737  |
|              |                 | 50           |           |      | 3636 | 3717 | 3783  | 3838  | 3883  | 3921  | 3954  |
|              |                 | 40           | 2857      | 2933 | 3000 | 3060 | 3116  | 3170  | 3224  | 3280  | 3342  |
|              |                 | 30           | 2388      | 2429 | 2470 | 2514 | 2563  | 2620  | 2688  | 2768  | 2863  |
|              |                 |              |           |      |      |      |       |       |       |       |       |

Remark: capacity @ 4500RPM, please check with INVOTECH for more information.

Suction Superheat 11.1K, No Subcoolig

## YIM Series

### Capacity

## Variable Speed R404A

| Model        | C.T.<br>(°C)    | E.T. (°C)       |      |      |      |       |       |       |       |       |       |       |
|--------------|-----------------|-----------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
|              |                 | -30             | -25  | -20  | -15  | -10   | -5    | 0     | 5     | 10    |       |       |
| YIM50E1G-100 | Capacity<br>(W) | 60              |      |      |      |       | 5610  | 6938  | 8538  | 10446 | 12696 |       |
|              |                 | 50              |      |      | 4641 | 5805  | 7196  | 8847  | 10796 | 13076 | 15724 |       |
|              |                 | 40              | 3428 | 4429 | 5611 | 7008  | 8657  | 10591 | 12847 | 15460 | 18464 |       |
|              |                 | 30              | 4041 | 5185 | 6535 | 8125  | 9991  | 12167 | 14690 | 17594 | 20914 |       |
|              | Power<br>(W)    | 60              |      |      |      |       | 5344  | 5414  | 5461  | 5488  | 5499  |       |
|              |                 | 50              |      |      | 4221 | 4315  | 4392  | 4456  | 4508  | 4552  | 4591  |       |
|              |                 | 40              | 3317 | 3405 | 3483 | 3553  | 3617  | 3680  | 3742  | 3808  | 3880  |       |
|              |                 | 30              | 2773 | 2820 | 2867 | 2918  | 2976  | 3042  | 3121  | 3214  | 3324  |       |
|              | YIM60E1G-100    | Capacity<br>(W) | 60   |      |      |       |       | 6476  | 8010  | 9858  | 12060 | 14658 |
|              |                 |                 | 50   |      |      | 5358  | 6702  | 8307  | 10214 | 12464 | 15097 | 18154 |
|              |                 |                 | 40   | 3957 | 5113 | 6478  | 8091  | 9994  | 12228 | 14832 | 17849 | 21317 |
|              |                 |                 | 30   | 4665 | 5986 | 7545  | 9380  | 11535 | 14047 | 16960 | 20313 | 24146 |
| Power<br>(W) |                 | 60              |      |      |      |       | 6170  | 6251  | 6305  | 6337  | 6349  |       |
|              |                 | 50              |      |      | 4874 | 4982  | 5071  | 5144  | 5205  | 5256  | 5300  |       |
|              |                 | 40              | 3829 | 3931 | 4021 | 4102  | 4176  | 4248  | 4321  | 4397  | 4480  |       |
|              |                 | 30              | 3201 | 3255 | 3310 | 3369  | 3436  | 3512  | 3603  | 3710  | 3838  |       |
| YIM72E1G-100 | Capacity<br>(W) | 60              |      |      |      |       | 7653  | 9465  | 11648 | 14251 | 17321 |       |
|              |                 | 50              |      |      | 6332 | 7920  | 9817  | 12070 | 14729 | 17840 | 21452 |       |
|              |                 | 40              | 4677 | 6043 | 7655 | 9561  | 11810 | 14450 | 17527 | 21092 | 25190 |       |
|              |                 | 30              | 5513 | 7074 | 8915 | 11085 | 13630 | 16600 | 20042 | 24003 | 28533 |       |
|              | Power<br>(W)    | 60              |      |      |      |       | 7291  | 7386  | 7450  | 7488  | 7502  |       |
|              |                 | 50              |      |      | 5759 | 5887  | 5992  | 6079  | 6150  | 6210  | 6263  |       |
|              |                 | 40              | 4525 | 4645 | 4752 | 4847  | 4935  | 5020  | 5106  | 5196  | 5294  |       |
|              |                 | 30              | 3783 | 3847 | 3912 | 3982  | 4060  | 4151  | 4258  | 4384  | 4535  |       |

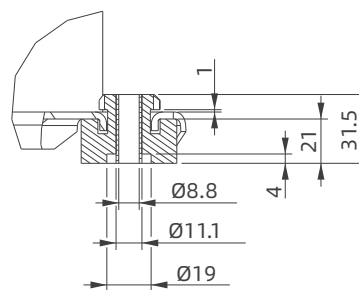
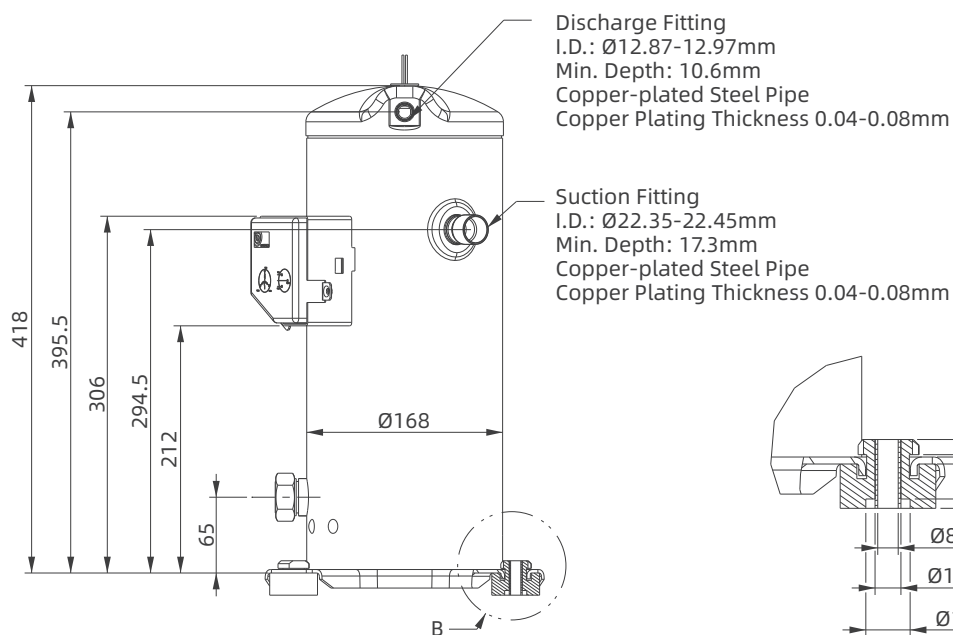
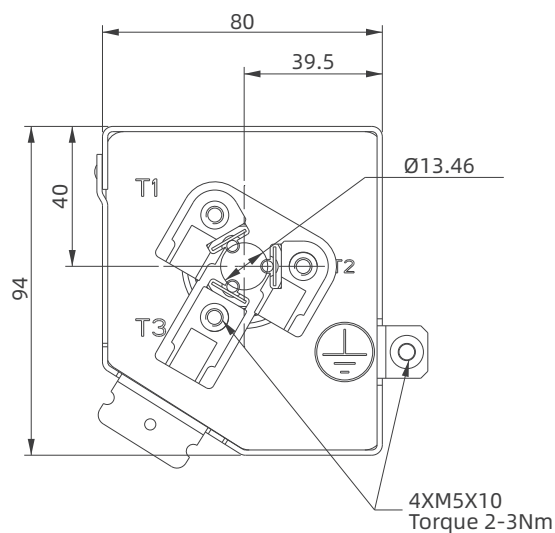
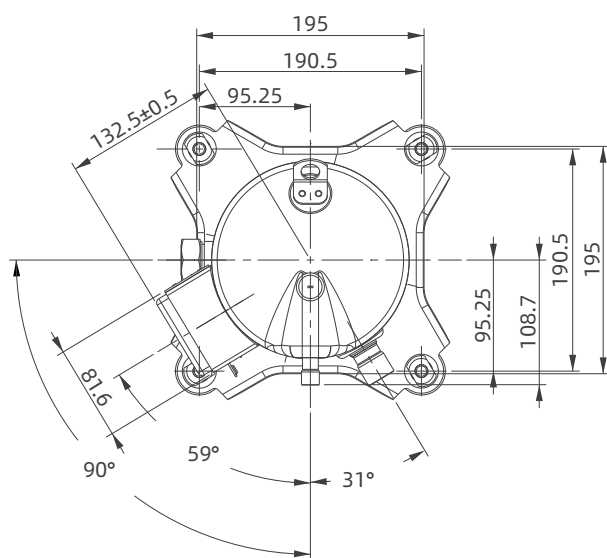
Remark: capacity @ 4500RPM, please check with INVOTECH for more information.

Suction Superheat 11.1K, No Subcoolig

**YM Series**

## Product Dimensions

2-4 HP 1 Phase  
2-4 HP 3 Phase



### Mounting Feet

## YM Series

### Product Dimensions

5 HP 1 Phase  
5-7 HP 3 Phase

