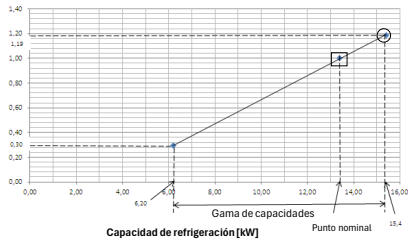


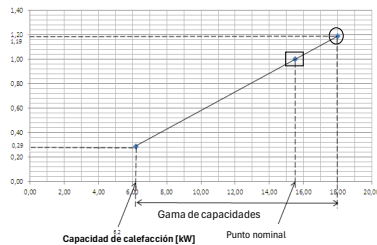
# RZAG140NV1

## RZAG140NY1

### Refrigeración



### Calefacción



### Símbolos

AFR: Caudal de aire [m³/min]

BF: Factor de derivación

EWB: Temperatura de bulbo húmedo de entrada [°C BH]

EDB: Temperatura de bulbo seco de entrada [°C BS]

TC: Capacidad de refrigeración/calefacción máxima total [kW]

SHC: Capacidad de sensibilidad al calor [kW]

CPI: Coeficiente de consumo

PI: Consumo [kW]

compresor + motores del ventilador exterior e interior

### Notas

- Las capacidades son capacidades netas e incluyen una corrección para el calor del motor del ventilador interior.
- $\bigcirc$  = Máxima en condiciones estándar  
 $\square$  = Capacidad nominal y coeficiente nominal de consumo  
La capacidad máxima no se garantiza salvo en condiciones estándar.
- SHC se basa en unidades interiores EWB & EDB.  
SHC para otras temperaturas de bulbo seco = SHC + SHC\*  
SHC\* = Corrección SHC para otras temperaturas de bulbo seco  
 $0.02 \times \text{AFR (m}^3/\text{min)} \times (1 - \text{BF}) \times (\text{EDB} - \text{EDB})$
- Las capacidades se basan en las siguientes condiciones:  
Aire exterior: 85% RH  
No obstante, la condición de temp. ambiente exterior de la capacidad nominal durante calefacción es 7°C DB / 6°C WB.  
Longitud de tubería de refrigerante correspondiente: 5.0 m  
Diferencia de nivel: 0m
- CPI es un valor de porcentaje comparado con el valor nominal que es 1.00.
- El índice de error de este valor es inferior al 5% y depende del tipo de unidad interior.
- El rendimiento de calefacción tiene en cuenta la caída que ocurre durante la operación de desescarche.
- El caudal de aire y el factor de derivación aparecen en la tabla anterior.

| Par  | FCAHG140H | FCAG140B | FVA140A | FHA140A | FBA140A |
|------|-----------|----------|---------|---------|---------|
| AFR  | 33.5      | 26.0     | 30.0    | 34.0    | 34.0    |
| (BF) | (0.15)    | (0.23)   | (0.18)  | (0.17)  | (0.06)  |

| Twin | FCAHG71H X 2 | FCAG71B X 2 | FAA71B X 2 | FHA71A X 2 | FUA71A X 2 | FB A71A X 2 | FVA71A X 2 |
|------|--------------|-------------|------------|------------|------------|-------------|------------|
| AFR  | 21.2 x 2     | 15.3 x 2    | 18.0 x 2   | 20.5 x 2   | 23.0 x 2   | 18.0 x 2    | 18.0 x 2   |
| (BF) | (0.20 x 2)   | (0.14 x 2)  | (0.16 x 2) | (0.13 x 2) | (0.24 x 2) | (0.13 x 2)  | (0.16 x 2) |

| Triple | FCAG50B X 3 | FHA50A X 3 | FFA50A X 3 | FDX M50F X 3 | FBA50A X 3 | FNA50A X 3 |
|--------|-------------|------------|------------|--------------|------------|------------|
| AFR    | 12.6 x 3    | 15.0 x 3   | 15.8 x 3   | 15.0 x 3     | 16.0 x 3   | 16.0 x 3   |
| (BF)   | (0.22 x 3)  | (0.18 x 3) | (0.16 x 3) | (0.11 x 3)   | (0.13 x 3) | (0.11 x 3) |

| Doble twin | FCAG35B X 4 | FHA35A X 4 | FFA35A X 4 | FDX M35F X 4 | FBA35A X 4 | FNA35A X 4 |
|------------|-------------|------------|------------|--------------|------------|------------|
| AFR        | 12.5 x 4    | 14.0 x 4   | 10.0 x 4   | 8.7 x 4      | 15.0 x 4   | 8.7 x 4    |
| (BF)       | (0.40 x 4)  | (0.20 x 4) | (0.25 x 4) | (0.17 x 4)   | (0.08 x 4) | (0.17 x 4) |

### Refrigeración

| Interior |         | Temperatura exterior [°C DB] |       |      |       |       |      |              |             |             |       |      |      |
|----------|---------|------------------------------|-------|------|-------|-------|------|--------------|-------------|-------------|-------|------|------|
|          |         | 25                           |       |      | 30    |       |      | 35           |             |             | 40    |      |      |
|          |         | TC                           | SHC   | CPI  | TC    | SHC   | CPI  | TC           | SHC         | CPI         | TC    | SHC  | CPI  |
| [°C WB]  | [°C DB] | kW                           | kW    | -    | kW    | kW    | -    | kW           | kW          | -           | kW    | kW   | -    |
| 16.0     | 22      | 15.50                        | 10.47 | 0.98 | 14.93 | 10.25 | 1.08 | 14.44        | 10.03       | 1.18        | 13.86 | 9.89 | 1.28 |
| 18.0     | 25      | 16.17                        | 10.55 | 0.98 | 15.62 | 10.21 | 1.09 | 15.11        | 10.01       | 1.19        | 14.52 | 9.71 | 1.30 |
| 19.0     | 27      | 16.56                        | 10.43 | 0.99 | 15.96 | 10.18 | 1.09 | <b>15.40</b> | <b>9.96</b> | <b>1.19</b> | 14.83 | 9.76 | 1.30 |
| 19.5     | 27      | 16.74                        | 10.49 | 0.99 | 16.14 | 10.16 | 1.10 | 15.57        | 10.00       | 1.19        | 14.98 | 9.66 | 1.30 |
| 22.0     | 30      | 17.61                        | 10.37 | 0.99 | 17.01 | 10.16 | 1.10 | 16.36        | 9.83        | 1.21        | 15.76 | 9.60 | 1.31 |
| 24.0     | 32      | 18.38                        | 10.20 | 1.00 | 17.72 | 10.00 | 1.11 | 17.04        | 9.67        | 1.22        | 16.43 | 9.47 | 1.32 |

### Calefacción

| Interior | Temperatura exterior [°C WB] |      |      |      |      |      |      |      |             |             |      |      |
|----------|------------------------------|------|------|------|------|------|------|------|-------------|-------------|------|------|
|          | -15                          |      |      | -10  |      |      | -5   |      |             | 0           |      |      |
|          | TC                           | CPI  | TC   | CPI  | TC   | CPI  | TC   | CPI  | TC          | CPI         | TC   | CPI  |
| [°C DB]  | kW                           | -    | kW   | -    | kW   | -    | kW   | -    | kW          | -           | kW   | -    |
| 16       | 11.6                         | 0.91 | 12.7 | 0.97 | 13.6 | 1.00 | 13.9 | 1.03 | 18.0        | 1.09        | 19.4 | 1.16 |
| 18       | 11.6                         | 0.95 | 12.7 | 1.00 | 13.6 | 1.04 | 13.9 | 1.07 | 18.0        | 1.14        | 19.4 | 1.21 |
| 20       | 11.6                         | 0.99 | 12.7 | 1.05 | 13.5 | 1.09 | 13.9 | 1.11 | <b>18.0</b> | <b>1.19</b> | 19.4 | 1.25 |
| 21       | 11.5                         | 1.00 | 12.7 | 1.06 | 13.5 | 1.11 | 13.9 | 1.13 | 18.0        | 1.21        | 19.4 | 1.28 |
| 22       | 11.5                         | 1.02 | 12.7 | 1.08 | 13.5 | 1.12 | 13.9 | 1.16 | 18.0        | 1.24        | 19.4 | 1.30 |
| 24       | 11.5                         | 1.07 | 12.6 | 1.12 | 13.5 | 1.17 | 13.9 | 1.20 | 18.0        | 1.29        | 19.4 | 1.35 |

9. El consumo nominal de cada modelo se menciona en la siguiente tabla.

| Par           | FCAHG140H | FCAG140B | FVA140A | FHA140A | FBA140A |
|---------------|-----------|----------|---------|---------|---------|
| Refrigeración | 3.64      | 4.29     | 4.42    | 4.31    | 4.69    |
| Calefacción   | 3.64      | 4.55     | 4.48    | 4.33    | 4.92    |

| Twin          | FCAHG71H X 2 | FCAG71B X 2 | FAA71B X 2 | FHA71A X 2 | FUA71A X 2 | FB A71A X 2 | FVA71A X 2 |
|---------------|--------------|-------------|------------|------------|------------|-------------|------------|
| Refrigeración | 3.67         | 4.08        | 4.38       | 3.83       | 3.84       | 4.17        | 4.38       |
| Calefacción   | 3.03         | 3.69        | 3.67       | 3.50       | 3.28       | 3.55        | 3.92       |

| Triple        | FCAG50B X 3 | FHA50A X 3 | FFA50A X 3 | FDX M50F X 3 | FBA50A X 3 | FNA50A X 3 |
|---------------|-------------|------------|------------|--------------|------------|------------|
| Refrigeración | 3.62        | 4.06       | 4.61       | 3.62         | 4.12       | 3.62       |
| Calefacción   | 3.44        | 3.29       | 3.87       | 2.96         | 3.23       | 3.03       |

| Doble twin    | FCAG35B X 4 | FHA35A X 4 | FFA35A X 4 | FDX M35F X 4 | FBA35A X 4 | FNA35A X 4 |
|---------------|-------------|------------|------------|--------------|------------|------------|
| Refrigeración | 3.22        | 3.57       | 3.89       | 3.96         | 3.46       | 3.96       |
| Calefacción   | 3.97        | 2.89       | 4.19       | 3.49         | 4.22       | 3.53       |