



Unidades Condensadoras  
enfriadas por agua  
Modelos HWN | ZWN

# Unidades condensadoras enfriadas por agua



HWN



ZWN

| MODELOS HWN / ZWN                                          | TEMP. | CAPACIDAD<br>KBTU/h | HP.      | COMPRESOR             | VOLTAJE  | PAG.         |
|------------------------------------------------------------|-------|---------------------|----------|-----------------------|----------|--------------|
| <b>NOMENCLATURA</b>                                        |       |                     |          |                       |          | <b>1</b>     |
| <b>CARACTERÍSTICAS</b>                                     |       |                     |          |                       |          | <b>2-3</b>   |
| <b>ESPECIFICACIONES</b>                                    |       |                     |          |                       |          | <b>4-5</b>   |
| <b>CAPACIDADES</b>                                         | MEDIA | 2.08 - 52           | .75-5 HP | RECIPROCANTE / SCROLL | 230/1/60 | <b>6</b>     |
|                                                            | MEDIA | 2.86 - 63           | 1-6 HPP  | RECIPROCANTE / SCROLL | 230/3/60 | <b>7</b>     |
|                                                            | MEDIA | 2.45 - 63           | 1.5-6 HP | RECIPROCANTE / SCROLL | 460/3/60 | <b>8</b>     |
|                                                            | BAJA  | 1.74 - 35           | 1-5 HP   | RECIPROCANTE / SCROLL | 230/1/60 | <b>9</b>     |
|                                                            | BAJA  | 1.69 - 41.20        | 1-6 HP   | RECIPROCANTE / SCROLL | 230/3/60 | <b>10</b>    |
|                                                            | BAJA  | 1.69 - 41.20        | 1-6 HP   | RECIPROCANTE / SCROLL | 460/3/60 | <b>11</b>    |
| <b>DIMENSIONES</b>                                         |       |                     |          |                       |          | <b>12-13</b> |
| <b>CONSIDERACIONES DE CALIDAD DE AGUA EN CONDENSADORES</b> |       |                     |          |                       |          | <b>14</b>    |

WNZ

Tipo de Compresor

H =Reciprocante

Z=Scroll

Tipo de Unidad

Enfriada por agua, ubicación interior

HP de Compresor

008= 0.75 HP

010= 1 HP

015= 1.5 HP

020= 2 HP

025= 2.5 HP

030= 3 HP

032= 3.25 HP

035 = 3.5 HP

040=4 HP

045 = 4.5 HP

050= 5 HP

060= 6 HP

030

0

Diseño

0=Estándar

L

Aplicación

M= Media temperatura / Media Extendida

L= Baja temperatura

6

Refrigerante

6= R-404A/R-507

D

Voltaje

B=230/1/60

C=230/3/60

D=460/3/60



## Compresores Reciprocante y Scroll

## Unidades Condensadoras enfriadas por agua

- Compresor Reciprocante (HWN) 1-3HP
- Compresor Scroll (ZWN) 3-6HP
- Válvula de servicio en línea de descarga
- Válvula de servicio en línea de succión
- Válvula de servicio a la salida del recibidor
- Condensador coaxial a contraflujo
- Control de baja presión manual
- Control de alta presión fijo
- Filtro en línea de succión
- Filtro deshidratador
- Acumulador de Succión
- Pump down Switch
- Válvula reguladora de Agua para Condensador

Las unidades HWN/ZWN enfriadas por agua son una solución para aplicaciones de baja capacidad (hasta 5 TR). La ubicación de sus componentes están optimizados para facilitar la instalación y el mantenimiento de la unidad en aplicaciones de espacio reducido.



Modelo ZWN



*Modelo HWN*

# HWN-ZWN

Unidades Condensadoras  
enfriadas por agua

## Especificaciones HWN - Media Temperatura

| Modelo     | Hp   | Compresor    | Voltaje  | Compresor |       | Flujo<br>máximo | Conexiones (di) |      |              |              | Dimensiones |      |     |      |     |      | Peso |     |
|------------|------|--------------|----------|-----------|-------|-----------------|-----------------|------|--------------|--------------|-------------|------|-----|------|-----|------|------|-----|
|            |      |              |          |           |       |                 | Suc.            | Liq. | Ent.<br>Agua | Sal.<br>Agua | L           |      | A   |      | H   |      |      |     |
|            |      |              |          | Rla       | Lra   | Cfm             | In              | In   | In           | In           | Mm          | In   | Mm  | In   | Mm  | In   | Kg   | Lbs |
| HWN0080M6B | 0.75 | RST55C1E-CAV | 230/1/60 | 5.4       | 40.0  | 2               | 1/2"            | 3/8" | 1/2"         | 3/4"         | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 35   | 77  |
| HWN0100M6B | 1.00 | RST70C1E-PFV | 230/1/60 | 6.3       | 34.2  | 3               | 5/8"            | 3/8" | 1/2"         | 3/4"         | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 49   | 107 |
| HWN0100M6C | 1.00 | RST70C1E-TA5 | 230/3/60 | 4.2       | 31.0  | 3               | 5/8"            | 3/8" | 1/2"         | 3/4"         | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 49   | 107 |
| HWN0150M6B | 1.50 | CS10K6E-PFV  | 230/1/60 | 9.8       | 56.0  | 5               | 5/8"            | 3/8" | 1/2"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 52   | 114 |
| HWN0150M6C | 1.50 | CS10K6E-TF5  | 230/3/60 | 6.7       | 51.0  | 5               | 5/8"            | 3/8" | 1/2"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 52   | 114 |
| HWN0150M6D | 1.50 | CS10K6E-TFD  | 460/3/60 | 3.2       | 25.0  | 5               | 5/8"            | 3/8" | 1/2"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 52   | 114 |
| HWN0200M6B | 2.00 | CS12K6E-PFV  | 230/1/60 | 9.8       | 56.0  | 5               | 5/8"            | 3/8" | 1/2"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 68   | 148 |
| HWN0200M6C | 2.00 | CS12K6E-TF5  | 230/3/60 | 6.7       | 51.0  | 5               | 5/8"            | 3/8" | 1/2"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 68   | 148 |
| HWN0250M6B | 2.50 | CS14K6E-PFV  | 230/1/60 | 11.2      | 61.0  | 6               | 5/8"            | 3/8" | 1/2"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 69   | 152 |
| HWN0250M6C | 2.50 | CS14K6E-TF5  | 230/3/60 | 8.2       | 55.0  | 6               | 5/8"            | 3/8" | 1/2"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 69   | 152 |
| HWN0250M6D | 2.50 | CS14K6E-TFD  | 460/3/60 | 4.2       | 28.0  | 6               | 5/8"            | 3/8" | 1/2"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 69   | 152 |
| HWN0300M6B | 3.00 | CS18K6E-PFV  | 230/1/60 | 14.4      | 82.0  | 7               | 7/8"            | 3/8" | 5/8"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 79   | 172 |
| HWN0300M6C | 3.00 | CS18K6E-TF5  | 230/3/60 | 9.4       | 65.5  | 7               | 7/8"            | 3/8" | 5/8"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 79   | 172 |
| HWN0300M6D | 3.00 | CS18K6E-TFD  | 460/3/60 | 3.9       | 33.0  | 7               | 7/8"            | 3/8" | 5/8"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 79   | 172 |
| HWN0320M6B | 3.25 | CS20K6E-PFV  | 230/1/60 | 16.7      | 96.0  | 9               | 7/8"            | 3/8" | 5/8"         | 1-1/4"       | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 83   | 182 |
| HWN0320M6C | 3.25 | CS20K6E-TF5  | 230/3/60 | 10.2      | 75.0  | 9               | 7/8"            | 3/8" | 5/8"         | 1-1/4"       | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 83   | 182 |
| HWN0320M6D | 3.25 | CS20K6E-TFD  | 460/3/60 | 4.6       | 40.0  | 9               | 7/8"            | 3/8" | 5/8"         | 1-1/4"       | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 83   | 182 |
| HWN0500M6B | 5.00 | CS33K6E-PFV  | 230/1/60 | 27.6      | 125.0 | 13              | 7/8"            | 1/2" | 7/8"         | 1-1/4"       | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 94   | 207 |
| HWN0500M6C | 5.00 | CS33K6E-TF5  | 230/3/60 | 16.8      | 102.0 | 13              | 7/8"            | 1/2" | 7/8"         | 1-1/4"       | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 94   | 207 |
| HWN0500M6D | 5.00 | CS33K6E-TFD  | 460/3/60 | 8.8       | 48.0  | 13              | 7/8"            | 1/2" | 7/8"         | 1-1/4"       | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 94   | 207 |

## Especificaciones HWN - Baja Temperatura

| Modelo     | Hp   | Compresor   | Voltaje  | Compresor |       | Flujo<br>máxico | Conexiones (di) |      |              |              | Dimensiones |      |     |      |     |      | Peso |     |
|------------|------|-------------|----------|-----------|-------|-----------------|-----------------|------|--------------|--------------|-------------|------|-----|------|-----|------|------|-----|
|            |      |             |          |           |       |                 | Suc.            | Liq. | Ent.<br>Agua | Sal.<br>Agua | L           |      | A   |      | H   |      |      |     |
|            |      |             |          | Rla       | Lra   | Cfm             | In              | In   | In           | In           | Mm          | In   | Mm  | In   | Mm  | In   | Kg   | Lbs |
| HWN0100L6B | 1.00 | CF04K6E-PFV | 230/1/60 | 8.6       | 59.2  | 5               | 5/8"            | 3/8" | 1/2"         | 3/4"         | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 52   | 114 |
| HWN0100L6C | 1.00 | CF04K6E-TF5 | 230/3/60 | 5.7       | 52.0  | 5               | 5/8"            | 3/8" | 1/2"         | 3/4"         | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 52   | 114 |
| HWN0100L6D | 1.00 | CF04K6E-TFD | 460/3/60 | 2.9       | 26.0  | 5               | 5/8"            | 3/8" | 1/2"         | 3/4"         | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 52   | 114 |
| HWN0150L6B | 1.50 | CF06K6E-PFV | 230/1/60 | 10.3      | 59.2  | 6               | 7/8"            | 3/8" | 1/2"         | 3/4"         | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 52   | 114 |
| HWN0150L6C | 1.50 | CF06K6E-TF5 | 230/3/60 | 6.3       | 52.0  | 6               | 7/8"            | 3/8" | 1/2"         | 3/4"         | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 52   | 114 |
| HWN0150L6D | 1.50 | CF06K6E-TFD | 460/3/60 | 3.3       | 25.4  | 6               | 7/8"            | 3/8" | 1/2"         | 3/4"         | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 52   | 114 |
| HWN0250L6B | 2.50 | CF09K6E-PFV | 230/1/60 | 15.0      | 87.0  | 9               | 7/8"            | 3/8" | 1/2"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 55   | 120 |
| HWN0250L6C | 2.50 | CF09K6E-TF5 | 230/3/60 | 9.2       | 72.2  | 9               | 7/8"            | 3/8" | 1/2"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 55   | 120 |
| HWN0250L6D | 2.50 | CF09K6E-TFD | 460/3/60 | 4.9       | 35.8  | 9               | 7/8"            | 3/8" | 1/2"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 55   | 120 |
| HWN0300L6B | 3.00 | CF12K6E-PFV | 230/1/60 | 18.4      | 105.0 | 11              | 7/8"            | 3/8" | 5/8"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 62   | 136 |
| HWN0300L6C | 3.00 | CF12K6E-TF5 | 230/3/60 | 11.0      | 85.0  | 11              | 7/8"            | 3/8" | 5/8"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 62   | 136 |
| HWN0300L6D | 3.00 | CF12K6E-TFD | 460/3/60 | 5.9       | 42.0  | 11              | 7/8"            | 3/8" | 5/8"         | 1"           | 871         | 34.2 | 790 | 31.1 | 720 | 28.4 | 62   | 136 |

## Especificaciones ZWN - Media Temperatura

| Modelo      | Hp   | Compresor   | Voltaje  | Compresor |       | Flujo másico | Conexiones (di) |      |           |           | Dimensiones |      |     |      |     |      | Peso |     |
|-------------|------|-------------|----------|-----------|-------|--------------|-----------------|------|-----------|-----------|-------------|------|-----|------|-----|------|------|-----|
|             |      |             |          |           |       |              | Suc.            | Liq. | Ent. Agua | Sal. Agua | L           |      | A   |      | H   |      |      |     |
|             |      |             |          | Rla       | Lra   | Cfm          | In              | In   | In        | In        | Mm          | In   | Mm  | In   | Mm  | In   | Kg   | Lbs |
| ZWN0300M6B  | 3.00 | ZS21KAE-PFV | 230/1/60 | 20.8      | 112.0 | 6            | 7/8"            | 1/2" | 5/8"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 78   | 171 |
| ZWN0300M6C  | 3.00 | ZS21KAE-TF5 | 230/3/60 | 13.7      | 93.0  | 6            | 7/8"            | 1/2" | 5/8"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 78   | 171 |
| ZWN0300M6D  | 3.00 | ZS21KAE-TFD | 460/3/60 | 6.2       | 48.0  | 6            | 7/8"            | 1/2" | 5/8"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 78   | 171 |
| ZWN0350M6B  | 3.50 | ZS26KAE-PFV | 230/1/60 | 21.2      | 104.0 | 7            | 7/8"            | 1/2" | 5/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 84   | 185 |
| ZWN0350M6C  | 3.50 | ZS26KAE-TF5 | 230/3/60 | 13.9      | 93.0  | 7            | 7/8"            | 1/2" | 5/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 84   | 185 |
| ZWN0350M6D  | 3.50 | ZS26KAE-TFD | 460/3/60 | 6.2       | 48.0  | 7            | 7/8"            | 1/2" | 5/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 84   | 185 |
| ZWN0400M6B  | 4.00 | ZS29KAE-PFV | 230/1/60 | 23.4      | 137.0 | 8            | 7/8"            | 1/2" | 5/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 88   | 192 |
| ZWN0400M6C  | 4.00 | ZS29KAE-TF5 | 230/3/60 | 18.4      | 114.0 | 8            | 7/8"            | 1/2" | 5/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 88   | 192 |
| ZWN0400M6D  | 4.00 | ZS29KAE-TFD | 460/3/60 | 8.4       | 58.0  | 8            | 7/8"            | 1/2" | 5/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 88   | 192 |
| ZWN04500M6B | 4.50 | ZS33KAE-PFV | 230/1/60 | 23.0      | 146.0 | 9            | 7/8"            | 1/2" | 7/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 98   | 215 |
| ZWN04500M6C | 4.50 | ZS33KAE-TF5 | 230/3/60 | 20.0      | 114.0 | 9            | 7/8"            | 1/2" | 7/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 98   | 215 |
| ZWN04500M6D | 4.50 | ZS33KAE-TFD | 460/3/60 | 9.0       | 52.0  | 9            | 7/8"            | 1/2" | 7/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 98   | 215 |
| ZWN0500M6B  | 5.00 | ZS38K4E-PFV | 230/1/60 | 28.5      | 169.0 | 10           | 1-1/8"          | 5/8" | 7/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 103  | 226 |
| ZWN0500M6C  | 5.00 | ZS38K4E-TF5 | 230/3/60 | 19.2      | 123.0 | 10           | 1-1/8"          | 5/8" | 7/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 103  | 226 |
| ZWN0500M6D  | 5.00 | ZS38K4E-TFD | 460/3/60 | 8.7       | 62.0  | 10           | 1-1/8"          | 5/8" | 7/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 103  | 226 |
| ZWN0600M6C  | 6.00 | ZS45K4E-TF5 | 230/3/60 | 21.5      | 156.0 | 12           | 1-1/8"          | 5/8" | 1-1/4"    | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 110  | 241 |
| ZWN0600M6D  | 6.00 | ZS45K4E-TFD | 460/3/60 | 8.3       | 75.0  | 12           | 1-1/8"          | 5/8" | 1-1/4"    | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 110  | 241 |

## Especificaciones ZWN - Baja Temperatura

| Modelo     | Hp   | Compresor   | Voltaje  | Compresor |       | Flujo másico | Conexiones (di) |      |           |           | Dimensiones |      |     |      |     |      | Peso |     |
|------------|------|-------------|----------|-----------|-------|--------------|-----------------|------|-----------|-----------|-------------|------|-----|------|-----|------|------|-----|
|            |      |             |          |           |       |              | Suc.            | Liq. | Ent. Agua | Sal. Agua | L           |      | A   |      | H   |      |      |     |
|            |      |             |          | Rla       | Lra   | Cfm          | In              | In   | In        | In        | Mm          | In   | Mm  | In   | Mm  | In   | Kg   | Lbs |
| ZWN0350L6B | 3.50 | ZF11K4E-PFV | 230/1/60 | 18.6      | 109.0 | 7            | 7/8"            | 3/8" | 1/2"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 75   | 165 |
| ZWN0350L6C | 3.50 | ZF11K4E-TF5 | 230/3/60 | 10.9      | 88.0  | 7            | 7/8"            | 3/8" | 1/2"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 75   | 165 |
| ZWN0350L6D | 3.50 | ZF11K4E-TFD | 460/3/60 | 5.8       | 44.0  | 7            | 7/8"            | 3/8" | 1/2"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 75   | 165 |
| ZWN0400L6B | 4.00 | ZF13K4E-PFV | 230/1/60 | 22.4      | 129.0 | 8            | 7/8"            | 3/8" | 5/8"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 84   | 185 |
| ZWN0400L6C | 4.00 | ZF13K4E-TF5 | 230/3/60 | 11.9      | 99.0  | 8            | 7/8"            | 3/8" | 5/8"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 84   | 185 |
| ZWN0400L6D | 4.00 | ZF13K4E-TFD | 460/3/60 | 6.4       | 49.5  | 8            | 7/8"            | 3/8" | 5/8"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 84   | 185 |
| ZWN0500L6B | 5.00 | ZF15K4E-PFV | 230/1/60 | 24.7      | 169.0 | 10           | 1-1/8"          | 1/2" | 5/8"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 92   | 201 |
| ZWN0500L6C | 5.00 | ZF15K4E-TF5 | 230/3/60 | 17.0      | 123.0 | 10           | 1-1/8"          | 1/2" | 5/8"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 92   | 201 |
| ZWN0500L6D | 5.00 | ZF15K4E-TFD | 460/3/60 | 8.0       | 62.0  | 10           | 1-1/8"          | 1/2" | 5/8"      | 1"        | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 92   | 201 |
| ZWN0600L6C | 6.00 | ZF18K4E-TF5 | 230/3/60 | 19.6      | 156.0 | 12           | 1-1/8"          | 1/2" | 7/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 94   | 207 |
| ZWN0600L6D | 6.00 | ZF18K4E-TFD | 460/3/60 | 8.0       | 75.0  | 12           | 1-1/8"          | 1/2" | 7/8"      | 1-1/4"    | 870         | 34.2 | 790 | 31.1 | 720 | 28.4 | 94   | 207 |



# Capacidades Media Temperatura 230/1/60

TSS °F\*

| Modelo      | HP   | Compresor    | Valores | -20   | -15   | -10   | -5    | 0     | 5     | 10    | 15    | 20    | 25    | 30    |
|-------------|------|--------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HWN0080M6B  | 0.75 | RST55C1E-CAV | C       | 2.08  | 2.49  | 2.95  | 3.44  | 3.99  | 4.58  | 5.24  | 5.95  | 6.73  | 7.58  | 8.51  |
|             |      |              | W       | 0.69  | 0.73  | 0.77  | 0.80  | 0.84  | 0.88  | 0.92  | 0.95  | 0.99  | 1.03  | 1.06  |
|             |      |              | A       | 3.4   | 3.6   | 3.7   | 3.9   | 4.1   | 4.2   | 4.4   | 4.5   | 4.7   | 4.9   | 5.0   |
|             |      |              | HR      | 4.43  | 4.98  | 5.57  | 6.19  | 6.87  | 7.59  | 8.38  | 9.22  | 10.12 | 11.09 | 12.14 |
|             |      |              | GPM     | 0.8   | 0.9   | 1.0   | 1.1   | 1.3   | 1.4   | 1.5   | 1.7   | 1.9   | 2.0   | 2.2   |
| HWN0100M6B  | 1.0  | RST70C1E-PFV | C       | 2.76  | 3.33  | 3.96  | 4.65  | 5.39  | 6.20  | 7.07  | 8.00  | 9.00  | 10.05 | 11.20 |
|             |      |              | W       | 0.76  | 0.81  | 0.85  | 0.90  | 0.94  | 0.99  | 1.03  | 1.06  | 1.09  | 1.12  | 1.13  |
|             |      |              | A       | 4.6   | 4.8   | 4.9   | 5.0   | 5.2   | 5.3   | 5.5   | 5.6   | 5.7   | 5.8   | 5.8   |
|             |      |              | HR      | 5.36  | 6.09  | 6.88  | 7.73  | 8.63  | 9.58  | 10.58 | 11.63 | 12.73 | 13.87 | 15.07 |
|             |      |              | GPM     | 0.99  | 1.12  | 1.27  | 1.42  | 1.59  | 1.76  | 1.95  | 2.14  | 2.34  | 2.55  | 2.78  |
| HWN0150M6B  | 1.5  | CS10K6E-PFV  | C       | 2.49  | 3.43  | 4.54  | 5.79  | 7.19  | 8.72  | 10.40 | 12.20 | 14.10 | 16.10 | 18.20 |
|             |      |              | W       | 0.86  | 0.96  | 1.06  | 1.17  | 1.27  | 1.36  | 1.45  | 1.53  | 1.60  | 1.66  | 1.70  |
|             |      |              | A       | 4.4   | 4.7   | 5.2   | 5.6   | 6.0   | 6.4   | 6.8   | 7.1   | 7.4   | 7.6   | 7.8   |
|             |      |              | HR      | 5.42  | 6.71  | 8.16  | 9.78  | 11.52 | 13.36 | 15.35 | 17.42 | 19.56 | 21.76 | 24.00 |
|             |      |              | GPM     | 1.1   | 1.3   | 1.6   | 1.9   | 2.2   | 2.5   | 2.9   | 3.3   | 3.7   | 4.1   | 4.5   |
| HWN0200M6B  | 2.0  | CS12K6E-PFV  | C       | 2.99  | 4.22  | 5.54  | 6.98  | 8.54  | 10.20 | 12.10 | 14.10 | 16.40 | 18.80 | 21.50 |
|             |      |              | W       | 0.94  | 1.08  | 1.20  | 1.32  | 1.43  | 1.54  | 1.64  | 1.73  | 1.81  | 1.89  | 1.97  |
|             |      |              | A       | 4.6   | 5.2   | 5.7   | 6.2   | 6.6   | 7.1   | 7.5   | 7.9   | 8.2   | 8.6   | 8.9   |
|             |      |              | HR      | 6.20  | 7.91  | 9.63  | 11.48 | 13.42 | 15.45 | 17.70 | 20.00 | 22.58 | 25.25 | 28.22 |
|             |      |              | GPM     | 1.2   | 1.5   | 1.8   | 2.2   | 2.5   | 2.9   | 3.3   | 3.8   | 4.2   | 4.7   | 5.3   |
| HWN0250M6B  | 2.5  | CS14K6E-PFV  | C       | 4.45  | 5.69  | 7.11  | 8.71  | 10.50 | 12.40 | 14.50 | 16.70 | 19.00 | 21.50 | 24.10 |
|             |      |              | W       | 1.21  | 1.33  | 1.46  | 1.59  | 1.71  | 1.83  | 1.94  | 2.05  | 2.14  | 2.22  | 2.28  |
|             |      |              | A       | 5.9   | 6.3   | 6.9   | 7.4   | 7.9   | 8.4   | 8.9   | 9.3   | 9.7   | 10.1  | 10.4  |
|             |      |              | HR      | 8.58  | 10.23 | 12.09 | 14.14 | 16.33 | 18.64 | 21.12 | 23.69 | 26.30 | 29.07 | 31.88 |
|             |      |              | GPM     | 1.6   | 1.9   | 2.3   | 2.7   | 3.1   | 3.5   | 4     | 4.4   | 4.9   | 5.4   | 6     |
| HWN0300M6B  | 3.0  | CS18K6E-PFV  | C       | 5.22  | 6.77  | 8.65  | 10.80 | 13.20 | 15.90 | 18.70 | 21.70 | 24.90 | 28.10 | 31.50 |
|             |      |              | W       | 1.44  | 1.59  | 1.75  | 1.92  | 2.08  | 2.24  | 2.39  | 2.52  | 2.63  | 2.71  | 2.76  |
|             |      |              | A       | 7.4   | 8.0   | 8.7   | 9.4   | 10.1  | 10.7  | 11.3  | 11.9  | 12.4  | 12.7  | 12.9  |
|             |      |              | HR      | 10.15 | 12.21 | 14.64 | 17.37 | 20.32 | 23.56 | 26.88 | 30.32 | 33.90 | 37.37 | 40.94 |
|             |      |              | GPM     | 1.9   | 2.3   | 2.7   | 3.2   | 3.8   | 4.4   | 5     | 5.6   | 6.3   | 6.9   | 7.6   |
| HWN0320M6B  | 3.25 | CS20K6E-PFV  | C       | 6.12  | 8.08  | 10.10 | 12.40 | 14.80 | 17.50 | 20.60 | 24.10 | 28.10 | 32.60 | 37.70 |
|             |      |              | W       | 1.66  | 1.85  | 2.03  | 2.20  | 2.36  | 2.52  | 2.67  | 2.83  | 2.99  | 3.17  | 3.36  |
|             |      |              | A       | 9.2   | 9.9   | 10.6  | 11.2  | 11.8  | 12.4  | 13.1  | 13.7  | 14.4  | 15.1  | 15.9  |
|             |      |              | HR      | 11.78 | 14.39 | 17.03 | 19.91 | 22.85 | 26.10 | 29.71 | 33.76 | 38.30 | 43.42 | 49.16 |
|             |      |              | GPM     | 2.2   | 2.7   | 3.2   | 3.7   | 4.2   | 4.8   | 5.5   | 6.2   | 7.1   | 8     | 9.1   |
| HWN0500M6B  | 5.0  | CS33K6E-PFV  | C       | 10.80 | 13.20 | 16.10 | 19.40 | 23.20 | 27.30 | 31.90 | 36.80 | 42.00 | 47.60 | 53.50 |
|             |      |              | W       | 2.71  | 2.95  | 3.21  | 3.48  | 3.75  | 4.03  | 4.29  | 4.53  | 4.76  | 4.95  | 5.10  |
|             |      |              | A       | 15.2  | 16.0  | 16.9  | 17.8  | 18.8  | 19.8  | 20.8  | 21.7  | 22.6  | 23.4  | 24.1  |
|             |      |              | HR      | 20.05 | 23.27 | 27.05 | 31.27 | 36.00 | 41.05 | 46.54 | 52.26 | 58.24 | 64.49 | 70.90 |
|             |      |              | GPM     | 3.8   | 4.4   | 5.1   | 5.9   | 6.7   | 7.7   | 8.7   | 9.7   | 10.9  | 12    | 13.2  |
| ZWN0300M6B  | 3.0  | ZS21KAE-PFV  | C       | 10.10 | 11.50 | 13.10 | 14.85 | 16.80 | 18.95 | 21.40 | 24.00 | 27.00 | 30.20 | 33.80 |
|             |      |              | W       | 2.16  | 2.23  | 2.30  | 2.37  | 2.44  | 2.50  | 2.55  | 2.60  | 2.63  | 2.65  | 2.65  |
|             |      |              | A       | 10.3  | 10.6  | 10.9  | 11.2  | 11.5  | 11.8  | 12.1  | 12.4  | 12.6  | 12.7  | 12.7  |
|             |      |              | HR      | 17.49 | 19.13 | 20.97 | 22.96 | 25.15 | 27.50 | 30.12 | 32.90 | 36.00 | 39.27 | 42.87 |
|             |      |              | GPM     | 3.3   | 3.6   | 3.9   | 4.3   | 4.7   | 5.1   | 5.6   | 6.1   | 6.6   | 7.2   | 7.9   |
| ZWN0350M6B  | 3.5  | ZS26KAE-PFV  | C       | 11.10 | 12.65 | 14.40 | 16.35 | 18.50 | 20.90 | 23.60 | 26.50 | 29.70 | 33.30 | 37.20 |
|             |      |              | W       | 2.38  | 2.46  | 2.53  | 2.61  | 2.68  | 2.75  | 2.81  | 2.86  | 2.90  | 2.92  | 2.92  |
|             |      |              | A       | 10.6  | 11.0  | 11.3  | 11.6  | 11.9  | 12.3  | 12.6  | 12.8  | 13.0  | 13.1  | 13.2  |
|             |      |              | HR      | 19.22 | 21.04 | 23.03 | 25.26 | 27.64 | 30.28 | 33.19 | 36.26 | 39.60 | 43.26 | 47.16 |
|             |      |              | GPM     | 3.6   | 3.9   | 4.3   | 4.7   | 5.1   | 5.6   | 6.1   | 6.7   | 7.3   | 8     | 8.7   |
| ZWN0400M6B  | 4.0  | ZS29KAE-PFV  | C       | 12.65 | 14.40 | 16.40 | 18.60 | 21.00 | 23.80 | 26.80 | 30.10 | 33.80 | 37.80 | 42.30 |
|             |      |              | W       | 2.66  | 2.74  | 2.83  | 2.92  | 3.00  | 3.07  | 3.14  | 3.19  | 3.23  | 3.26  | 3.26  |
|             |      |              | A       | 12.2  | 12.5  | 12.9  | 13.3  | 13.7  | 14.0  | 14.4  | 14.7  | 14.9  | 15.0  | 15.1  |
|             |      |              | HR      | 21.75 | 23.77 | 26.08 | 28.59 | 31.26 | 34.30 | 37.54 | 41.01 | 44.85 | 48.95 | 53.45 |
|             |      |              | GPM     | 4     | 4.4   | 4.8   | 5.3   | 5.8   | 6.3   | 6.9   | 7.6   | 8.3   | 9     | 9.8   |
| ZWN04500M6B | 4.5  | ZS33KAE-PFV  | C       | 14.10 | 16.10 | 18.30 | 20.70 | 23.50 | 26.50 | 29.90 | 33.60 | 37.70 | 42.20 | 47.20 |
|             |      |              | W       | 2.97  | 3.07  | 3.16  | 3.26  | 3.35  | 3.43  | 3.51  | 3.57  | 3.61  | 3.64  | 3.64  |
|             |      |              | A       | 13.4  | 13.8  | 14.2  | 14.7  | 15.1  | 15.5  | 15.9  | 16.2  | 16.4  | 16.6  | 16.6  |
|             |      |              | HR      | 24.23 | 26.58 | 29.08 | 31.82 | 34.93 | 38.20 | 41.88 | 45.78 | 50.02 | 54.62 | 59.62 |
|             |      |              | GPM     | 4.5   | 5     | 5.4   | 6     | 6.5   | 7.1   | 7.8   | 8.5   | 9.3   | 10.2  | 11.1  |
| ZWN0500M6B  | 5.0  | ZS38K4E-PFV  | C       | 16.70 | 19.00 | 21.40 | 24.10 | 27.10 | 30.40 | 34.00 | 38.00 | 42.30 | 47.00 | 52.00 |
|             |      |              | W       | 3.59  | 3.69  | 3.79  | 3.90  | 4.02  | 4.16  | 4.30  | 4.46  | 4.64  | 4.83  | 5.05  |
|             |      |              | A       | 18.0  | 18.3  | 18.7  | 19.1  | 19.5  | 20.0  | 20.5  | 21.1  | 21.7  | 22.4  | 23.2  |
|             |      |              | HR      | 28.95 | 31.59 | 34.33 | 37.41 | 40.82 | 44.59 | 48.67 | 53.22 | 58.13 | 63.48 | 69.23 |
|             |      |              | GPM     | 5.4   | 5.9   | 6.4   | 7     | 7.6   | 8.3   | 9.1   | 9.9   | 10.8  | 11.8  | 12.9  |



# Capacidades Media Temperatura 230/3/60

|             |      |              |         |       |       |       |       |       |       |       |       |       |       | TSS °F* |
|-------------|------|--------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Modelo      | HP   | Compresor    | Valores | -20   | -15   | -10   | -5    | 0     | 5     | 10    | 15    | 20    | 25    | 30      |
| HWN0100M6C  | 1.0  | RST70C1E-TA5 | C       | 2.86  | 3.43  | 4.03  | 4.69  | 5.39  | 6.16  | 6.99  | 7.88  | 8.85  | 9.90  | 11.05   |
|             |      |              | W       | 0.70  | 0.75  | 0.81  | 0.85  | 0.90  | 0.94  | 0.98  | 1.01  | 1.04  | 1.07  | 1.09    |
|             |      |              | A       | 3.2   | 3.3   | 3.4   | 3.5   | 3.6   | 3.7   | 3.8   | 3.9   | 3.9   | 3.9   | 4.0     |
|             |      |              | HR      | 5.26  | 6.02  | 6.79  | 7.61  | 8.46  | 9.37  | 10.33 | 11.34 | 12.41 | 13.55 | 14.78   |
|             |      |              | GPM     | 0.97  | 1.11  | 1.25  | 1.40  | 1.56  | 1.73  | 1.90  | 2.09  | 2.29  | 2.50  | 2.72    |
| HWN0150M6C  | 1.5  | CS10K6E-TF5  | C       | 2.45  | 3.37  | 4.46  | 5.70  | 7.08  | 8.59  | 10.20 | 12.00 | 13.90 | 15.80 | 17.90   |
|             |      |              | W       | 0.83  | 0.93  | 1.03  | 1.13  | 1.23  | 1.32  | 1.40  | 1.48  | 1.55  | 1.60  | 1.64    |
|             |      |              | A       | 3.0   | 3.3   | 3.5   | 3.8   | 4.1   | 4.4   | 4.6   | 4.9   | 5.1   | 5.2   | 5.4     |
|             |      |              | HR      | 5.29  | 6.54  | 7.97  | 9.56  | 11.28 | 13.09 | 14.98 | 17.05 | 19.19 | 21.26 | 23.50   |
|             |      |              | GPM     | 1     | 1.3   | 1.5   | 1.8   | 2.1   | 2.5   | 2.8   | 3.2   | 3.6   | 4     | 4.4     |
| HWN0200M6C  | 2.0  | CS12K6E-TF5  | C       | 3.19  | 4.30  | 5.56  | 6.98  | 8.54  | 10.20 | 12.10 | 14.10 | 16.20 | 18.50 | 20.90   |
|             |      |              | W       | 0.96  | 1.07  | 1.18  | 1.30  | 1.41  | 1.51  | 1.61  | 1.70  | 1.78  | 1.84  | 1.89    |
|             |      |              | A       | 3.2   | 3.5   | 3.8   | 4.1   | 4.4   | 4.7   | 5.0   | 5.3   | 5.5   | 5.7   | 5.9     |
|             |      |              | HR      | 6.45  | 7.95  | 9.59  | 11.42 | 13.35 | 15.35 | 17.59 | 19.90 | 22.27 | 24.78 | 27.35   |
|             |      |              | GPM     | 1.2   | 1.5   | 1.8   | 2.2   | 2.5   | 2.9   | 3.3   | 3.7   | 4.2   | 4.6   | 5.1     |
| HWN0250M6C  | 2.5  | CS14K6E-TF5  | C       | 4.37  | 5.59  | 6.99  | 8.57  | 10.30 | 12.20 | 14.20 | 16.40 | 18.70 | 21.20 | 23.80   |
|             |      |              | W       | 1.17  | 1.29  | 1.41  | 1.53  | 1.65  | 1.77  | 1.88  | 1.98  | 2.07  | 2.14  | 2.20    |
|             |      |              | A       | 3.8   | 4.1   | 4.5   | 4.8   | 5.1   | 5.5   | 5.8   | 6.1   | 6.3   | 6.6   | 6.7     |
|             |      |              | HR      | 8.36  | 9.99  | 11.80 | 13.79 | 15.93 | 18.24 | 20.61 | 23.16 | 25.76 | 28.50 | 31.31   |
|             |      |              | GPM     | 1.6   | 1.9   | 2.2   | 2.6   | 3     | 3.4   | 3.9   | 4.3   | 4.8   | 5.3   | 5.9     |
| HWN0300M6C  | 3.0  | CS18K6E-TF5  | C       | 5.13  | 6.66  | 8.51  | 10.60 | 13.00 | 15.60 | 18.50 | 21.40 | 24.50 | 27.80 | 31.10   |
|             |      |              | W       | 1.39  | 1.54  | 1.69  | 1.85  | 2.01  | 2.17  | 2.31  | 2.44  | 2.54  | 2.62  | 2.66    |
|             |      |              | A       | 4.8   | 5.2   | 5.6   | 6.1   | 6.5   | 6.9   | 7.4   | 7.7   | 8.0   | 8.2   | 8.4     |
|             |      |              | HR      | 9.89  | 11.93 | 14.29 | 16.93 | 19.88 | 23.02 | 26.40 | 29.75 | 33.19 | 36.76 | 40.20   |
|             |      |              | GPM     | 1.9   | 2.2   | 2.7   | 3.2   | 3.7   | 4.3   | 4.9   | 5.5   | 6.1   | 6.8   | 7.4     |
| HWN0320M6C  | 3.25 | CS20K6E-TF5  | C       | 6.02  | 7.94  | 9.98  | 12.20 | 14.60 | 17.30 | 20.30 | 23.80 | 27.70 | 32.20 | 37.20   |
|             |      |              | W       | 1.60  | 1.79  | 1.97  | 2.13  | 2.28  | 2.43  | 2.58  | 2.73  | 2.90  | 3.07  | 3.25    |
|             |      |              | A       | 5.8   | 6.2   | 6.6   | 7.0   | 7.4   | 7.8   | 8.2   | 8.6   | 9.0   | 9.5   | 10.0    |
|             |      |              | HR      | 11.48 | 14.05 | 16.70 | 19.47 | 22.38 | 25.59 | 29.10 | 33.12 | 37.60 | 42.68 | 48.29   |
|             |      |              | GPM     | 2.2   | 2.6   | 3.1   | 3.6   | 4.2   | 4.7   | 5.4   | 6.1   | 6.9   | 7.9   | 8.9     |
| HWN0500M6C  | 5.0  | CS33K6E-TF5  | C       | 9.78  | 12.00 | 14.90 | 18.30 | 22.00 | 26.50 | 31.10 | 35.90 | 40.90 | 45.80 | 51.00   |
|             |      |              | W       | 2.47  | 2.70  | 2.97  | 3.26  | 3.56  | 3.86  | 4.14  | 4.39  | 4.60  | 4.76  | 4.85    |
|             |      |              | A       | 9.4   | 9.8   | 10.4  | 11.0  | 11.6  | 12.2  | 12.9  | 13.4  | 13.9  | 14.3  | 14.5    |
|             |      |              | HR      | 18.21 | 21.21 | 25.03 | 29.42 | 34.15 | 39.67 | 45.23 | 50.88 | 56.60 | 62.04 | 67.55   |
|             |      |              | GPM     | 3.4   | 4     | 4.7   | 5.5   | 6.4   | 7.4   | 8.4   | 9.5   | 10.6  | 11.6  | 12.6    |
| ZWN0300M6C  | 3.0  | ZS21KAE-TF5  | C       | 10.05 | 11.45 | 13.00 | 14.75 | 16.70 | 18.85 | 21.20 | 23.90 | 26.80 | 30.00 | 33.50   |
|             |      |              | W       | 2.16  | 2.22  | 2.29  | 2.36  | 2.43  | 2.49  | 2.54  | 2.59  | 2.62  | 2.64  | 2.64    |
|             |      |              | A       | 8.1   | 8.2   | 8.4   | 8.5   | 8.6   | 8.7   | 8.8   | 8.9   | 9.0   | 9.1   | 9.1     |
|             |      |              | HR      | 17.44 | 19.05 | 20.84 | 22.82 | 25.01 | 27.37 | 29.89 | 32.76 | 35.76 | 39.03 | 42.53   |
|             |      |              | GPM     | 3.2   | 3.5   | 3.9   | 4.2   | 4.6   | 5.1   | 5.5   | 6.1   | 6.6   | 7.2   | 7.8     |
| ZWN0350M6C  | 3.5  | ZS26KAE-TF5  | C       | 11.15 | 12.70 | 14.45 | 16.40 | 18.55 | 21.00 | 23.60 | 26.60 | 29.80 | 33.40 | 37.30   |
|             |      |              | W       | 2.36  | 2.43  | 2.51  | 2.59  | 2.66  | 2.72  | 2.78  | 2.83  | 2.87  | 2.89  | 2.89    |
|             |      |              | A       | 8.6   | 8.8   | 8.8   | 9.1   | 9.2   | 9.3   | 9.5   | 9.6   | 9.7   | 9.7   | 9.8     |
|             |      |              | HR      | 19.20 | 20.99 | 23.01 | 25.24 | 27.63 | 30.28 | 33.09 | 36.26 | 39.59 | 43.26 | 47.16   |
|             |      |              | GPM     | 3.6   | 3.9   | 4.3   | 4.7   | 5.1   | 5.6   | 6.1   | 6.7   | 7.3   | 8     | 8.7     |
| ZWN0400M6C  | 4.0  | ZS29KAE-TF5  | C       | 12.70 | 14.50 | 16.45 | 18.65 | 21.10 | 23.90 | 26.90 | 30.20 | 33.90 | 38.00 | 42.40   |
|             |      |              | W       | 2.59  | 2.67  | 2.76  | 2.84  | 2.92  | 2.99  | 3.06  | 3.11  | 3.15  | 3.17  | 3.17    |
|             |      |              | A       | 9.4   | 9.5   | 9.7   | 9.9   | 10.0  | 10.1  | 10.3  | 10.4  | 10.5  | 10.6  | 10.6    |
|             |      |              | HR      | 21.56 | 23.64 | 25.89 | 28.37 | 31.09 | 34.13 | 37.37 | 40.84 | 44.68 | 48.85 | 53.25   |
|             |      |              | GPM     | 4     | 4.4   | 4.8   | 5.2   | 5.7   | 6.3   | 6.9   | 7.5   | 8.2   | 9     | 9.8     |
| ZWN04500M6C | 4.5  | ZS33KAE-TF5  | C       | 13.95 | 15.95 | 18.10 | 20.50 | 23.30 | 26.30 | 29.60 | 33.30 | 37.40 | 41.90 | 46.80   |
|             |      |              | W       | 2.91  | 3.00  | 3.09  | 3.19  | 3.28  | 3.36  | 3.43  | 3.49  | 3.53  | 3.56  | 3.56    |
|             |      |              | A       | 10.0  | 10.2  | 10.3  | 10.5  | 10.7  | 10.8  | 10.9  | 11.1  | 11.2  | 11.2  | 11.3    |
|             |      |              | HR      | 23.88 | 26.19 | 28.64 | 31.38 | 34.49 | 37.76 | 41.30 | 45.21 | 49.44 | 54.05 | 58.95   |
|             |      |              | GPM     | 4.5   | 4.9   | 5.4   | 5.9   | 6.5   | 7.1   | 7.7   | 8.4   | 9.2   | 10.1  | 11      |
| ZWN0500M6C  | 5.0  | ZS38K4E-TF5  | C       | 16.90 | 19.20 | 21.70 | 24.40 | 27.40 | 30.80 | 34.40 | 38.40 | 42.80 | 47.50 | 52.50   |
|             |      |              | W       | 3.39  | 3.48  | 3.58  | 3.68  | 3.80  | 3.92  | 4.06  | 4.21  | 4.38  | 4.56  | 4.76    |
|             |      |              | A       | 10.9  | 11.1  | 11.4  | 11.6  | 11.8  | 12.1  | 12.4  | 12.8  | 13.2  | 13.6  | 14.1    |
|             |      |              | HR      | 28.47 | 31.07 | 33.92 | 36.96 | 40.37 | 44.18 | 48.25 | 52.77 | 57.75 | 63.06 | 68.74   |
|             |      |              | GPM     | 5.3   | 5.8   | 6.3   | 6.9   | 7.5   | 8.2   | 9     | 9.8   | 10.8  | 11.8  | 12.8    |
| ZWN0600M6C  | 6.0  | ZS45K4E-TF5  | C       | 20.40 | 23.10 | 26.10 | 29.30 | 32.90 | 36.80 | 41.20 | 45.90 | 51.00 | 57.00 | 63.00   |
|             |      |              | W       | 4.03  | 4.14  | 4.27  | 4.41  | 4.56  | 4.72  | 4.89  | 5.05  | 5.25  | 5.45  | 5.65    |
|             |      |              | A       | 14.3  | 14.5  | 14.8  | 15.1  | 15.4  | 15.7  | 16.1  | 16.5  | 16.9  | 17.3  | 17.7    |
|             |      |              | HR      | 34.15 | 37.23 | 40.67 | 44.35 | 48.46 | 52.91 | 57.89 | 63.13 | 68.91 | 75.60 | 82.28   |
|             |      |              | GPM     | 6.4   | 7     | 7.6   | 8.3   | 9.1   | 9.9   | 10.8  | 11.8  | 12.9  | 14.1  | 15.4    |

# Capacidades Media Temperatura 460/3/60

TSS °F\*

| Modelo      | HP  | Compresor   | Valores | -20   | -15   | -10   | -5    | 0     | 5     | 10    | 15    | 20    | 25    | 30    |
|-------------|-----|-------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HWN0150M6D  | 1.5 | CS10K6E-TFD | C       | 2.45  | 3.37  | 4.46  | 5.70  | 7.08  | 8.59  | 10.20 | 12.00 | 13.90 | 15.80 | 17.90 |
|             |     |             | W       | 0.83  | 0.93  | 1.03  | 1.13  | 1.23  | 1.32  | 1.40  | 1.48  | 1.55  | 1.60  | 1.64  |
|             |     |             | A       | 3.0   | 3.3   | 3.5   | 3.8   | 4.1   | 4.4   | 4.6   | 4.9   | 5.1   | 5.2   | 5.4   |
|             |     |             | HR      | 5.29  | 6.54  | 7.97  | 9.56  | 11.28 | 13.09 | 14.98 | 17.05 | 19.19 | 21.26 | 23.50 |
|             |     |             | GPM     | 1     | 1.3   | 1.5   | 1.8   | 2.1   | 2.5   | 2.8   | 3.2   | 3.6   | 4     | 4.4   |
| HWN0250M6D  | 2.5 | CS14K6E-TFD | C       | 4.37  | 5.59  | 6.99  | 8.57  | 10.30 | 12.20 | 14.20 | 16.40 | 18.70 | 21.20 | 23.80 |
|             |     |             | W       | 1.17  | 1.29  | 1.41  | 1.53  | 1.65  | 1.77  | 1.88  | 1.98  | 2.07  | 2.14  | 2.20  |
|             |     |             | A       | 3.8   | 4.1   | 4.5   | 4.8   | 5.1   | 5.5   | 5.8   | 6.1   | 6.3   | 6.6   | 6.7   |
|             |     |             | HR      | 8.36  | 9.99  | 11.80 | 13.79 | 15.93 | 18.24 | 20.61 | 23.16 | 25.76 | 28.50 | 31.31 |
|             |     |             | GPM     | 1.6   | 1.9   | 2.2   | 2.6   | 3     | 3.4   | 3.9   | 4.3   | 4.8   | 5.3   | 5.9   |
| HWN0300M6D  | 3.0 | CS18K6E-TFD | C       | 5.13  | 6.66  | 8.51  | 10.60 | 13.00 | 15.60 | 18.50 | 21.40 | 24.50 | 27.80 | 31.10 |
|             |     |             | W       | 1.39  | 1.54  | 1.69  | 1.85  | 2.01  | 2.17  | 2.31  | 2.44  | 2.54  | 2.62  | 2.66  |
|             |     |             | A       | 4.8   | 5.2   | 5.6   | 6.1   | 6.5   | 6.9   | 7.4   | 7.7   | 8.0   | 8.2   | 8.4   |
|             |     |             | HR      | 9.89  | 11.93 | 14.29 | 16.93 | 19.88 | 23.02 | 26.40 | 29.75 | 33.19 | 36.76 | 40.20 |
|             |     |             | GPM     | 1.9   | 2.2   | 2.7   | 3.2   | 3.7   | 4.3   | 4.9   | 5.5   | 6.1   | 6.8   | 7.4   |
| HWN0320M6D  | 3.3 | CS20K6E-TFD | C       | 6.02  | 7.94  | 9.98  | 12.20 | 14.60 | 17.30 | 20.30 | 23.80 | 27.70 | 32.20 | 37.20 |
|             |     |             | W       | 1.60  | 1.79  | 1.97  | 2.13  | 2.28  | 2.43  | 2.58  | 2.73  | 2.90  | 3.07  | 3.25  |
|             |     |             | A       | 5.8   | 6.2   | 6.6   | 7.0   | 7.4   | 7.8   | 8.2   | 8.6   | 9.0   | 9.5   | 10.0  |
|             |     |             | HR      | 11.48 | 14.05 | 16.70 | 19.47 | 22.38 | 25.59 | 29.10 | 33.12 | 37.60 | 42.68 | 48.29 |
|             |     |             | GPM     | 2.2   | 2.6   | 3.1   | 3.6   | 4.2   | 4.7   | 5.4   | 6.1   | 6.9   | 7.9   | 8.9   |
| HWN0500M6D  | 5.0 | CS33K6E-TFD | C       | 9.78  | 12.00 | 14.90 | 18.30 | 22.00 | 26.50 | 31.10 | 35.90 | 40.90 | 45.80 | 51.00 |
|             |     |             | W       | 2.47  | 2.70  | 2.97  | 3.26  | 3.56  | 3.86  | 4.14  | 4.39  | 4.60  | 4.76  | 4.85  |
|             |     |             | A       | 9.4   | 9.8   | 10.4  | 11.0  | 11.6  | 12.2  | 12.9  | 13.4  | 13.9  | 14.3  | 14.5  |
|             |     |             | HR      | 18.21 | 21.21 | 25.03 | 29.42 | 34.15 | 39.67 | 45.23 | 50.88 | 56.60 | 62.04 | 67.55 |
|             |     |             | GPM     | 3.4   | 4     | 4.7   | 5.5   | 6.4   | 7.4   | 8.4   | 9.5   | 10.6  | 11.6  | 12.6  |
| ZWN0300M6D  | 3.0 | ZS21KAE-TFD | C       | 10.05 | 11.45 | 13.00 | 14.75 | 16.70 | 18.85 | 21.20 | 23.90 | 26.80 | 30.00 | 33.50 |
|             |     |             | W       | 2.16  | 2.22  | 2.29  | 2.36  | 2.43  | 2.49  | 2.54  | 2.59  | 2.62  | 2.64  | 2.64  |
|             |     |             | A       | 8.1   | 8.2   | 8.4   | 8.5   | 8.6   | 8.7   | 8.8   | 8.9   | 9.0   | 9.1   | 9.1   |
|             |     |             | HR      | 17.44 | 19.05 | 20.84 | 22.82 | 25.01 | 27.37 | 29.89 | 32.76 | 35.76 | 39.03 | 42.53 |
|             |     |             | GPM     | 3.2   | 3.5   | 3.9   | 4.2   | 4.6   | 5.1   | 5.5   | 6.1   | 6.6   | 7.2   | 7.8   |
| ZWN0350M6D  | 3.5 | ZS26KAE-TFD | C       | 11.15 | 12.70 | 14.45 | 16.40 | 18.55 | 21.00 | 23.60 | 26.60 | 29.80 | 33.40 | 37.30 |
|             |     |             | W       | 2.36  | 2.43  | 2.51  | 2.59  | 2.66  | 2.72  | 2.78  | 2.83  | 2.87  | 2.89  | 2.89  |
|             |     |             | A       | 8.6   | 8.8   | 8.8   | 9.1   | 9.2   | 9.3   | 9.5   | 9.6   | 9.7   | 9.7   | 9.8   |
|             |     |             | HR      | 19.20 | 20.99 | 23.01 | 25.24 | 27.63 | 30.28 | 33.09 | 36.26 | 39.59 | 43.26 | 47.16 |
|             |     |             | GPM     | 3.6   | 3.9   | 4.3   | 4.7   | 5.1   | 5.6   | 6.1   | 6.7   | 7.3   | 8     | 8.7   |
| ZWN0400M6D  | 4.0 | ZS29KAE-TFD | C       | 12.70 | 14.50 | 16.45 | 18.65 | 21.10 | 23.90 | 26.90 | 30.20 | 33.90 | 38.00 | 42.40 |
|             |     |             | W       | 2.59  | 2.67  | 2.76  | 2.84  | 2.92  | 2.99  | 3.06  | 3.11  | 3.15  | 3.17  | 3.17  |
|             |     |             | A       | 9.4   | 9.5   | 9.7   | 9.9   | 10.0  | 10.1  | 10.3  | 10.4  | 10.5  | 10.6  | 10.6  |
|             |     |             | HR      | 21.56 | 23.64 | 25.89 | 28.37 | 31.09 | 34.13 | 37.37 | 40.84 | 44.68 | 48.85 | 53.25 |
|             |     |             | GPM     | 4     | 4.4   | 4.8   | 5.2   | 5.7   | 6.3   | 6.9   | 7.5   | 8.2   | 9     | 9.8   |
| ZWN04500M6D | 4.5 | ZS33KAE-TFD | C       | 13.95 | 15.95 | 18.10 | 20.50 | 23.30 | 26.30 | 29.60 | 33.30 | 37.40 | 41.90 | 46.80 |
|             |     |             | W       | 2.91  | 3.00  | 3.09  | 3.19  | 3.28  | 3.36  | 3.43  | 3.49  | 3.53  | 3.56  | 3.56  |
|             |     |             | A       | 10.0  | 10.2  | 10.3  | 10.5  | 10.7  | 10.8  | 10.9  | 11.1  | 11.2  | 11.2  | 11.3  |
|             |     |             | HR      | 23.88 | 26.19 | 28.64 | 31.38 | 34.49 | 37.76 | 41.30 | 45.21 | 49.44 | 54.05 | 58.95 |
|             |     |             | GPM     | 4.5   | 4.9   | 5.4   | 5.9   | 6.5   | 7.1   | 7.7   | 8.4   | 9.2   | 10.1  | 11    |
| ZWN0500M6D  | 5.0 | ZS38K4E-TFD | C       | 16.90 | 19.20 | 21.70 | 24.40 | 27.40 | 30.80 | 34.40 | 38.40 | 42.80 | 47.50 | 52.50 |
|             |     |             | W       | 3.39  | 3.48  | 3.58  | 3.68  | 3.80  | 3.92  | 4.06  | 4.21  | 4.38  | 4.56  | 4.76  |
|             |     |             | A       | 10.9  | 11.1  | 11.4  | 11.6  | 11.8  | 12.1  | 12.4  | 12.8  | 13.2  | 13.6  | 14.1  |
|             |     |             | HR      | 28.47 | 31.07 | 33.92 | 36.96 | 40.37 | 44.18 | 48.25 | 52.77 | 57.75 | 63.06 | 68.74 |
|             |     |             | GPM     | 5.3   | 5.8   | 6.3   | 6.9   | 7.5   | 8.2   | 9     | 9.8   | 10.8  | 11.8  | 12.8  |
| ZWN0600M6D  | 6.0 | ZS45K4E-TFD | C       | 20.40 | 23.10 | 26.10 | 29.30 | 32.90 | 36.80 | 41.20 | 45.90 | 51.00 | 57.00 | 63.00 |
|             |     |             | W       | 4.03  | 4.14  | 4.27  | 4.41  | 4.56  | 4.72  | 4.89  | 5.05  | 5.25  | 5.45  | 5.65  |
|             |     |             | A       | 14.3  | 14.5  | 14.8  | 15.1  | 15.4  | 15.7  | 16.1  | 16.5  | 16.9  | 17.3  | 17.7  |
|             |     |             | HR      | 34.15 | 37.23 | 40.67 | 44.35 | 48.46 | 52.91 | 57.89 | 63.13 | 68.91 | 75.60 | 82.28 |
|             |     |             | GPM     | 6.4   | 7     | 7.6   | 8.3   | 9.1   | 9.9   | 10.8  | 11.8  | 12.9  | 14.1  | 15.4  |

\*Condiciones de operación  
100 F TSC  
Subcooling: 0°F  
Recalentamiento: 20 °F  
Temp. Entrada Agua: 80°F

C= Capacidad en KBTU/h  
W= Potencia Eléctrica en KW  
A= Consumo eléctrico en Amperes (A)  
HR= Calor de rechazo en KBTU/h  
GPM= Caudal de agua en Galones por Minuto

\*\*Para valores de agua diferentes, consulte el departamento de ingeniería Bohn

**BOHN**

**UNIDADES CONDENSADORAS ENFRIADAS POR AGUA**  
**MODELOS HWN Y ZWN**

# Capacidades Baja Temperatura 230/1/60

|            |     |             |         |       |       |       |       |       |       |       |       |       |       | TSS °F* |
|------------|-----|-------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Modelo     | HP  | Compresor   | Valores | -40   | -35   | -30   | -25   | -20   | -15   | -10   | -5    | 0     | 5     | 10      |
| HWN0100L6B | 1.0 | CFO4K6E-PFV | C       |       |       | 1.74  | 2.51  | 3.33  | 4.23  | 5.24  | 6.41  | 7.78  | 9.36  | 11.20   |
|            |     |             | W       |       |       | 0.71  | 0.81  | 0.91  | 1.01  | 1.11  | 1.21  | 1.30  | 1.40  | 1.49    |
|            |     |             | A       |       |       | 3.7   | 4.2   | 4.6   | 5.0   | 5.3   | 5.6   | 5.9   | 6.3   | 6.7     |
|            |     |             | HR      |       |       | 4.16  | 5.27  | 6.44  | 7.68  | 9.03  | 10.54 | 12.22 | 14.14 | 16.28   |
|            |     |             | GPM     |       |       | 0.8   | 1     | 1.2   | 1.5   | 1.7   | 2     | 2.3   | 2.7   | 3       |
| HWN0150L6B | 1.5 | CF06K6E-PFV | C       |       |       | 3.30  | 4.41  | 5.67  | 7.08  | 8.61  | 10.20 | 12.00 | 13.80 | 15.60   |
|            |     |             | W       |       |       | 1.17  | 1.30  | 1.45  | 1.61  | 1.76  | 1.90  | 2.02  | 2.12  | 2.20    |
|            |     |             | A       |       |       | 5.6   | 6.1   | 6.8   | 7.4   | 8.0   | 8.6   | 9.2   | 9.6   | 10.0    |
|            |     |             | HR      |       |       | 7.29  | 8.85  | 10.62 | 12.57 | 14.62 | 16.68 | 18.89 | 21.03 | 23.11   |
|            |     |             | GPM     |       |       | 1.4   | 1.7   | 2     | 2.4   | 2.8   | 3.1   | 3.6   | 4     | 4.3     |
| HWN0250L6B | 2.5 | CF09K6E-PFV | C       |       |       | 4.81  | 6.40  | 8.21  | 10.20 | 12.40 | 14.80 | 17.40 | 20.00 | 22.90   |
|            |     |             | W       |       |       | 1.68  | 1.86  | 2.06  | 2.26  | 2.46  | 2.66  | 2.84  | 3.00  | 3.14    |
|            |     |             | A       |       |       | 7.9   | 8.7   | 9.5   | 10.3  | 11.2  | 12.0  | 12.8  | 13.5  | 14.1    |
|            |     |             | HR      |       |       | 10.54 | 12.75 | 15.24 | 17.91 | 20.79 | 23.88 | 27.09 | 30.24 | 33.61   |
|            |     |             | GPM     |       |       | 2     | 2.4   | 2.9   | 3.4   | 3.9   | 4.5   | 5.1   | 5.7   | 6.3     |
| HWN0300L6B | 3.0 | CF12K6E-PFV | C       |       |       | 6.70  | 8.76  | 11.00 | 13.30 | 15.80 | 18.50 | 21.50 | 24.70 | 28.20   |
|            |     |             | W       |       |       | 2.12  | 2.45  | 2.74  | 3.00  | 3.23  | 3.45  | 3.67  | 3.88  | 4.10    |
|            |     |             | A       |       |       | 12.4  | 13.2  | 14.1  | 15.0  | 16.0  | 16.9  | 17.8  | 18.7  | 19.6    |
|            |     |             | HR      |       |       | 13.93 | 17.12 | 20.35 | 23.54 | 26.82 | 30.27 | 34.02 | 37.94 | 42.19   |
|            |     |             | GPM     |       |       | 2.6   | 3.2   | 3.8   | 4.4   | 5     | 5.6   | 6.3   | 7     | 7.8     |
| ZWN0350L6B | 3.5 | ZF11K4E-PFV | C       | 7.12  | 8.22  | 9.43  | 10.80 | 12.20 | 13.80 | 15.60 | 17.60 | 19.80 | 22.10 | 24.70   |
|            |     |             | W       | 2.38  | 2.42  | 2.47  | 2.52  | 2.58  | 2.65  | 2.72  | 2.81  | 2.90  | 3.00  | 3.11    |
|            |     |             | A       | 12.5  | 12.6  | 12.7  | 12.9  | 13.1  | 13.3  | 13.5  | 13.8  | 14.1  | 14.4  | 14.7    |
|            |     |             | HR      | 15.24 | 16.48 | 17.86 | 19.40 | 21.00 | 22.84 | 24.88 | 27.19 | 29.70 | 32.34 | 35.31   |
|            |     |             | GPM     | 2.9   | 3.1   | 3.4   | 3.7   | 3.9   | 4.3   | 4.7   | 5.1   | 5.6   | 6.1   | 6.6     |
| ZWN0400L6B | 4.0 | ZF13K4E-PFV | C       | 7.81  | 9.11  | 10.60 | 12.20 | 13.90 | 15.90 | 18.00 | 20.40 | 22.90 | 25.70 | 28.70   |
|            |     |             | W       | 2.72  | 2.77  | 2.83  | 2.90  | 2.97  | 3.06  | 3.15  | 3.25  | 3.36  | 3.48  | 3.60    |
|            |     |             | A       | 13.0  | 13.2  | 13.4  | 13.7  | 14.0  | 14.4  | 14.8  | 15.2  | 15.7  | 16.2  | 16.7    |
|            |     |             | HR      | 17.09 | 18.56 | 20.26 | 22.10 | 24.03 | 26.34 | 28.75 | 31.49 | 34.36 | 37.57 | 40.98   |
|            |     |             | GPM     | 3.2   | 3.5   | 3.8   | 4.1   | 4.5   | 4.9   | 5.3   | 5.8   | 6.3   | 6.9   | 7.6     |
| ZWN0500L6B | 5.0 | ZF15K4E-PFV | C       | 10.10 | 11.60 | 13.30 | 15.20 | 17.30 | 19.60 | 22.10 | 24.90 | 28.00 | 31.40 | 35.10   |
|            |     |             | W       | 3.31  | 3.39  | 3.47  | 3.56  | 3.65  | 3.75  | 3.85  | 3.96  | 4.09  | 4.22  | 4.37    |
|            |     |             | A       | 16.5  | 16.8  | 17.0  | 17.3  | 17.6  | 17.9  | 18.3  | 18.7  | 19.1  | 19.5  | 20.0    |
|            |     |             | HR      | 21.39 | 23.17 | 25.14 | 27.35 | 29.75 | 32.40 | 35.24 | 38.41 | 41.96 | 45.80 | 50.01   |
|            |     |             | GPM     | 4     | 4.3   | 4.7   | 5.1   | 5.5   | 6     | 6.5   | 7.1   | 7.7   | 8.4   | 9.2     |

\*Condiciones de operación  
100 F TSC  
Subcooling: 0°F  
Recalentamiento: 20°F  
Temp. Entrada Agua: 80°F

C= Capacidad en KBTU/h  
W= Potencia Eléctrica en KW  
A= Consumo eléctrico en Amperes (A)  
HR= Calor de rechazo en KBTU/h  
GPM= Caudal de agua en Galones por Minuto

\*\*Para valores de agua diferentes, consulte el departamento de ingeniería Bohn

**UNIDADES CONDENSADORAS ENFRIADAS POR AGUA  
MODELOS HWN Y ZWN**

**BOHN®**

HWN Y ZWN

Baja Temperatura

230/1/60

# Capacidades Baja Temperatura 230/3/60

TSS °F\*

| Modelo     | HP  | Compresor   | Valores | -40   | -35   | -30   | -25   | -20   | -15   | -10   | -5    | 0     | 5     | 10    |
|------------|-----|-------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HWN0100L6C | 1.0 | CF04K6E-TF5 | C       |       |       | 1.69  | 2.33  | 3.06  | 3.91  | 4.89  | 6.00  | 7.27  | 8.71  | 10.30 |
|            |     |             | W       |       |       | 0.66  | 0.75  | 0.84  | 0.93  | 1.03  | 1.12  | 1.21  | 1.30  | 1.39  |
|            |     |             | A       |       |       | 3.5   | 3.6   | 3.8   | 4.0   | 4.1   | 4.3   | 4.5   | 4.7   | 4.9   |
|            |     |             | HR      |       |       | 3.94  | 4.89  | 5.93  | 7.08  | 8.40  | 9.82  | 11.40 | 13.15 | 15.04 |
|            |     |             | GPM     |       |       | 0.8   | 1     | 1.1   | 1.4   | 1.6   | 1.9   | 2.1   | 2.5   | 2.8   |
| HWN0150L6C | 1.5 | CF06K6E-TF5 | C       |       |       | 3.20  | 4.21  | 5.40  | 6.74  | 8.24  | 9.87  | 11.60 | 13.50 | 15.60 |
|            |     |             | W       |       |       | 1.08  | 1.22  | 1.37  | 1.52  | 1.67  | 1.82  | 1.96  | 2.08  | 2.18  |
|            |     |             | A       |       |       | 4.2   | 4.5   | 4.8   | 5.1   | 5.4   | 5.7   | 6.0   | 6.3   | 6.6   |
|            |     |             | HR      |       |       | 6.89  | 8.37  | 10.07 | 11.93 | 13.94 | 16.08 | 18.29 | 20.60 | 23.04 |
|            |     |             | GPM     |       |       | 1.3   | 1.6   | 1.9   | 2.3   | 2.6   | 3     | 3.4   | 3.9   | 4.3   |
| HWN0250L6C | 2.5 | CF09K6E-TF5 | C       |       |       | 5.14  | 6.65  | 8.34  | 10.20 | 12.30 | 14.50 | 17.00 | 19.70 | 22.50 |
|            |     |             | W       |       |       | 1.58  | 1.78  | 1.98  | 2.18  | 2.38  | 2.57  | 2.75  | 2.92  | 3.08  |
|            |     |             | A       |       |       | 6.0   | 6.4   | 6.8   | 7.2   | 7.7   | 8.1   | 8.5   | 8.9   | 9.2   |
|            |     |             | HR      |       |       | 10.53 | 12.72 | 15.10 | 17.64 | 20.42 | 23.27 | 26.38 | 29.66 | 33.01 |
|            |     |             | GPM     |       |       | 2     | 2.4   | 2.9   | 3.3   | 3.8   | 4.4   | 4.9   | 5.6   | 6.2   |
| HWN0300L6C | 3.0 | CF12K6E-TF5 | C       |       |       | 6.90  | 8.82  | 10.85 | 12.95 | 15.30 | 17.85 | 20.70 | 24.00 | 27.60 |
|            |     |             | W       |       |       | 2.07  | 2.34  | 2.58  | 2.81  | 3.03  | 3.24  | 3.47  | 3.70  | 3.97  |
|            |     |             | A       |       |       | 8.2   | 8.7   | 9.2   | 9.7   | 10.2  | 10.8  | 11.3  | 11.9  | 12.5  |
|            |     |             | HR      |       |       | 13.96 | 16.80 | 19.65 | 22.54 | 25.64 | 28.91 | 32.54 | 36.62 | 41.15 |
|            |     |             | GPM     |       |       | 2.6   | 3.1   | 3.7   | 4.2   | 4.7   | 5.3   | 6     | 6.8   | 7.6   |
| ZWN0350L6C | 3.5 | ZF11K4E-TF5 | C       | 6.99  | 8.07  | 9.25  | 10.60 | 12.00 | 13.60 | 15.30 | 17.30 | 19.40 | 21.70 | 24.30 |
|            |     |             | W       | 2.21  | 2.25  | 2.29  | 2.34  | 2.40  | 2.46  | 2.53  | 2.61  | 2.69  | 2.79  | 2.89  |
|            |     |             | A       | 7.8   | 7.8   | 7.9   | 8.0   | 8.1   | 8.2   | 8.4   | 8.6   | 8.7   | 8.9   | 9.2   |
|            |     |             | HR      | 14.53 | 15.75 | 17.06 | 18.58 | 20.19 | 21.99 | 23.93 | 26.21 | 28.58 | 31.22 | 34.16 |
|            |     |             | GPM     | 2.7   | 3     | 3.2   | 3.5   | 3.8   | 4.1   | 4.5   | 4.9   | 5.4   | 5.8   | 6.4   |
| ZWN0400L6C | 4.0 | ZF13K4E-TF5 | C       | 7.73  | 9.01  | 10.40 | 11.95 | 13.70 | 15.60 | 17.65 | 19.90 | 22.40 | 25.10 | 28.00 |
|            |     |             | W       | 2.59  | 2.62  | 2.66  | 2.70  | 2.76  | 2.82  | 2.88  | 2.96  | 3.05  | 3.14  | 3.25  |
|            |     |             | A       | 8.4   | 8.5   | 8.5   | 8.6   | 8.8   | 8.9   | 9.1   | 9.2   | 9.4   | 9.6   | 9.9   |
|            |     |             | HR      | 16.57 | 17.95 | 19.48 | 21.16 | 23.12 | 25.22 | 27.48 | 30.00 | 32.81 | 35.81 | 39.09 |
|            |     |             | GPM     | 3.1   | 3.3   | 3.6   | 3.9   | 4.3   | 4.7   | 5.1   | 5.5   | 6.1   | 6.6   | 7.2   |
| ZWN0500L6C | 5.0 | ZF15K4E-TF5 | C       | 9.88  | 11.40 | 13.10 | 14.90 | 16.90 | 19.20 | 21.70 | 24.40 | 27.40 | 30.80 | 34.40 |
|            |     |             | W       | 3.08  | 3.15  | 3.23  | 3.31  | 3.39  | 3.48  | 3.58  | 3.68  | 3.80  | 3.92  | 4.06  |
|            |     |             | A       | 10.2  | 10.4  | 10.6  | 10.8  | 10.9  | 11.1  | 11.4  | 11.6  | 11.8  | 12.1  | 12.4  |
|            |     |             | HR      | 20.39 | 22.15 | 24.12 | 26.19 | 28.47 | 31.07 | 33.92 | 36.96 | 40.37 | 44.18 | 48.25 |
|            |     |             | GPM     | 3.8   | 4.1   | 4.5   | 4.9   | 5.3   | 5.7   | 6.3   | 6.8   | 7.4   | 8.1   | 8.9   |
| ZWN0600L6C | 6.0 | ZF18K4E-TF5 | C       | 11.90 | 13.80 | 15.80 | 18.00 | 20.40 | 23.10 | 26.10 | 29.30 | 32.90 | 36.80 | 41.20 |
|            |     |             | W       | 3.74  | 3.78  | 3.85  | 3.93  | 4.03  | 4.14  | 4.27  | 4.41  | 4.56  | 4.72  | 4.89  |
|            |     |             | A       | 13.7  | 13.8  | 13.9  | 14.1  | 14.3  | 14.5  | 14.8  | 15.1  | 15.4  | 15.7  | 16.1  |
|            |     |             | HR      | 24.66 | 26.70 | 28.94 | 31.41 | 34.15 | 37.23 | 40.67 | 44.35 | 48.46 | 52.91 | 57.89 |
|            |     |             | GPM     | 4.6   | 5     | 5.4   | 5.9   | 6.4   | 7     | 7.6   | 8.3   | 9     | 9.9   | 10.8  |

\*Condiciones de operación  
100 F TSC  
Subcooling: 0°F  
Recalentamiento: 20°F  
Temp. Entrada Agua: 80°F

C= Capacidad en KBTU/h  
W= Potencia Eléctrica en KW  
A= Consumo eléctrico en Amperes (A)  
HR= Calor de rechazo en KBTU/h  
GPM= Caudal de agua en Galones por Minuto

\*\*Para valores de agua diferentes, consulte el departamento de ingeniería Bohn

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**UNIDADES CONDENSADORAS ENFRIADAS POR AGUA  
MODELOS HWN Y ZWN**



# Capacidades Baja Temperatura 460/3/60

| TSS °F*    |     |             |         |       |       |       |       |       |       |       |       |       |       |       |
|------------|-----|-------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Modelo     | HP  | Compresor   | Valores | -40   | -35   | -30   | -25   | -20   | -15   | -10   | -5    | 0     | 5     | 10    |
| HWN0100L6D | 1.0 | CF04K6E-TFD | C       |       |       | 1.69  | 2.33  | 3.06  | 3.91  | 4.89  | 6.00  | 7.27  | 8.71  | 10.30 |
|            |     |             | W       |       |       | 0.66  | 0.75  | 0.84  | 0.93  | 1.03  | 1.12  | 1.21  | 1.30  | 1.39  |
|            |     |             | A       |       |       | 1.8   | 1.8   | 1.9   | 2.0   | 2.1   | 2.2   | 2.3   | 2.4   | 2.5   |
|            |     |             | HR      |       |       | 3.94  | 4.89  | 5.93  | 7.08  | 8.40  | 9.82  | 11.40 | 13.15 | 15.04 |
|            |     |             | GPM     |       |       | 0.8   | 1     | 1.1   | 1.4   | 1.6   | 1.9   | 2.1   | 2.5   | 2.8   |
| HWN0150L6D | 1.5 | CF06K6E-TFD | C       |       |       | 3.20  | 4.21  | 5.40  | 6.74  | 8.24  | 9.87  | 11.60 | 13.50 | 15.60 |
|            |     |             | W       |       |       | 1.08  | 1.22  | 1.37  | 1.52  | 1.67  | 1.82  | 1.96  | 2.08  | 2.18  |
|            |     |             | A       |       |       | 2.1   | 2.3   | 2.4   | 2.6   | 2.7   | 2.9   | 3.0   | 3.2   | 3.3   |
|            |     |             | HR      |       |       | 6.89  | 8.37  | 10.07 | 11.93 | 13.94 | 16.08 | 18.29 | 20.60 | 23.04 |
|            |     |             | GPM     |       |       | 1.3   | 1.6   | 1.9   | 2.3   | 2.6   | 3     | 3.4   | 3.9   | 4.3   |
| HWN0250L6D | 2.5 | CF09K6E-TFD | C       |       |       | 5.14  | 6.65  | 8.34  | 10.20 | 12.30 | 14.50 | 17.00 | 19.70 | 22.50 |
|            |     |             | W       |       |       | 1.58  | 1.78  | 1.98  | 2.18  | 2.38  | 2.57  | 2.75  | 2.92  | 3.08  |
|            |     |             | A       |       |       | 3.0   | 3.2   | 3.4   | 3.6   | 3.9   | 4.1   | 4.3   | 4.5   | 4.6   |
|            |     |             | HR      |       |       | 10.53 | 12.72 | 15.10 | 17.64 | 20.42 | 23.27 | 26.38 | 29.66 | 33.01 |
|            |     |             | GPM     |       |       | 2     | 2.4   | 2.9   | 3.3   | 3.8   | 4.4   | 4.9   | 5.6   | 6.2   |
| HWN0300L6D | 3.0 | CF12K6E-TFD | C       |       |       | 6.90  | 8.82  | 10.85 | 12.95 | 15.30 | 17.85 | 20.70 | 24.00 | 27.60 |
|            |     |             | W       |       |       | 2.07  | 2.34  | 2.58  | 2.81  | 3.03  | 3.24  | 3.47  | 3.70  | 3.97  |
|            |     |             | A       |       |       | 4.1   | 4.4   | 4.6   | 4.9   | 5.1   | 5.4   | 5.7   | 6.0   | 6.3   |
|            |     |             | HR      |       |       | 13.96 | 16.80 | 19.65 | 22.54 | 25.64 | 28.91 | 32.54 | 36.62 | 41.15 |
|            |     |             | GPM     |       |       | 2.6   | 3.1   | 3.7   | 4.2   | 4.7   | 5.3   | 6     | 6.8   | 7.6   |
| ZWN0350L6D | 3.5 | ZF11K4E-TFD | C       | 6.99  | 8.07  | 9.25  | 10.60 | 12.00 | 13.60 | 15.30 | 17.30 | 19.40 | 21.70 | 24.30 |
|            |     |             | W       | 2.21  | 2.25  | 2.29  | 2.34  | 2.40  | 2.46  | 2.53  | 2.61  | 2.69  | 2.79  | 2.89  |
|            |     |             | A       | 3.9   | 3.9   | 4.0   | 4.0   | 4.1   | 4.1   | 4.2   | 4.3   | 4.4   | 4.5   | 4.6   |
|            |     |             | HR      | 14.53 | 15.75 | 17.06 | 18.58 | 20.19 | 21.99 | 23.93 | 26.21 | 28.58 | 31.22 | 34.16 |
|            |     |             | GPM     | 2.7   | 3     | 3.2   | 3.5   | 3.8   | 4.1   | 4.5   | 4.9   | 5.4   | 5.8   | 6.4   |
| ZWN0400L6D | 4.0 | ZF13K4E-TFD | C       | 7.73  | 9.01  | 10.40 | 11.95 | 13.70 | 15.60 | 17.65 | 19.90 | 22.40 | 25.10 | 28.00 |
|            |     |             | W       | 2.59  | 2.62  | 2.66  | 2.70  | 2.76  | 2.82  | 2.88  | 2.96  | 3.05  | 3.14  | 3.25  |
|            |     |             | A       | 4.2   | 4.3   | 4.3   | 4.3   | 4.4   | 4.5   | 4.6   | 4.6   | 4.7   | 4.8   | 5.0   |
|            |     |             | HR      | 16.57 | 17.95 | 19.48 | 21.16 | 23.12 | 25.22 | 27.48 | 30.00 | 32.81 | 35.81 | 39.09 |
|            |     |             | GPM     | 3.1   | 3.3   | 3.6   | 3.9   | 4.3   | 4.7   | 5.1   | 5.5   | 6.1   | 6.6   | 7.2   |
| ZWN0500L6D | 5.0 | ZF15K4E-TFD | C       | 9.88  | 11.40 | 13.10 | 14.90 | 16.90 | 19.20 | 21.70 | 24.40 | 27.40 | 30.80 | 34.40 |
|            |     |             | W       | 3.08  | 3.15  | 3.23  | 3.31  | 3.39  | 3.48  | 3.58  | 3.68  | 3.80  | 3.92  | 4.06  |
|            |     |             | A       | 5.1   | 5.2   | 5.3   | 5.4   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.1   | 6.2   |
|            |     |             | HR      | 20.39 | 22.15 | 24.12 | 26.19 | 28.47 | 31.07 | 33.92 | 36.96 | 40.37 | 44.18 | 48.25 |
|            |     |             | GPM     | 3.8   | 4.1   | 4.5   | 4.9   | 5.3   | 5.7   | 6.3   | 6.8   | 7.4   | 8.1   | 8.9   |
| ZWN0600L6D | 6.0 | ZF18K4E-TFD | C       | 11.90 | 13.80 | 15.80 | 18.00 | 20.40 | 23.10 | 26.10 | 29.30 | 32.90 | 36.80 | 41.20 |
|            |     |             | W       | 3.74  | 3.78  | 3.85  | 3.93  | 4.03  | 4.14  | 4.27  | 4.41  | 4.56  | 4.72  | 4.89  |
|            |     |             | A       | 6.9   | 6.9   | 7.0   | 7.1   | 7.2   | 7.3   | 7.4   | 7.6   | 7.7   | 7.9   | 8.1   |
|            |     |             | HR      | 24.66 | 26.70 | 28.94 | 31.41 | 34.15 | 37.23 | 40.67 | 44.35 | 48.46 | 52.91 | 57.89 |
|            |     |             | GPM     | 4.6   | 5     | 5.4   | 5.9   | 6.4   | 7     | 7.6   | 8.3   | 9     | 9.9   | 10.8  |

\*Condiciones de operación  
100 F TSC  
Subcooling: 0°F  
Recalentamiento: 20°F  
Temp. Entrada Agua: 80°F

C= Capacidad en KBTU/h  
W= Potencia Eléctrica en KW  
A= Consumo eléctrico en Amperes (A)  
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\*\*Para valores de agua diferentes, consulte el departamento de ingeniería Bohn

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MODELOS HWN Y ZWN

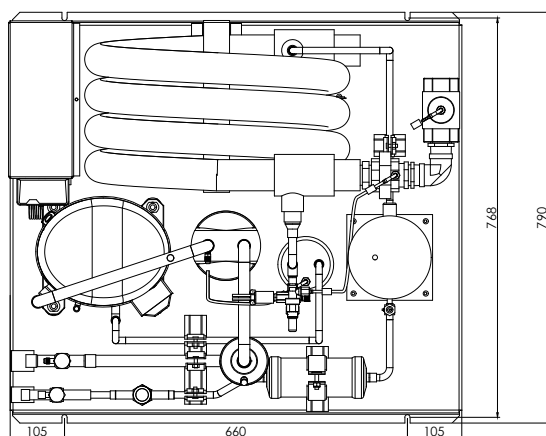
BOHN®

HWN Y ZWN

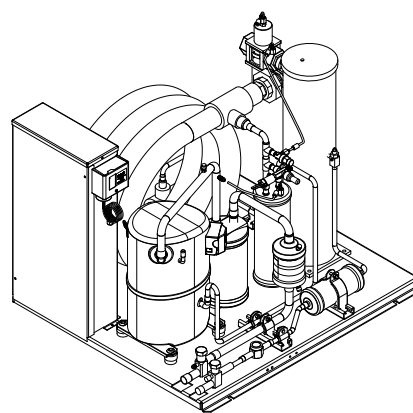
Baja Temperatura

460/3/60

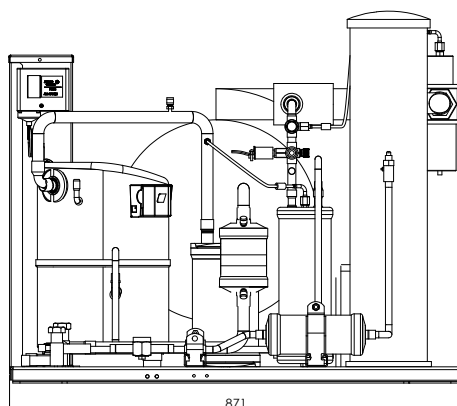
11



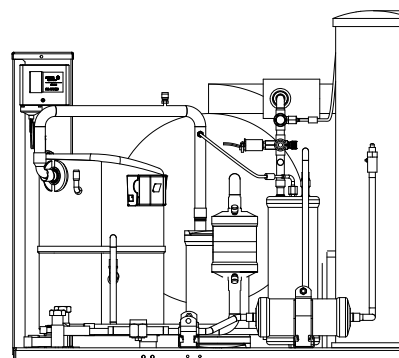
VISTA PLANTA



ISOMETRICO SE



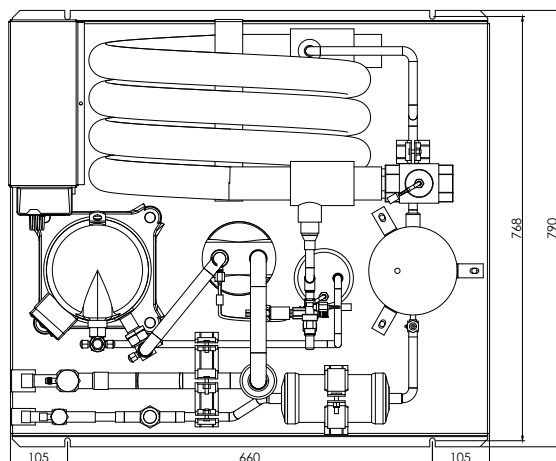
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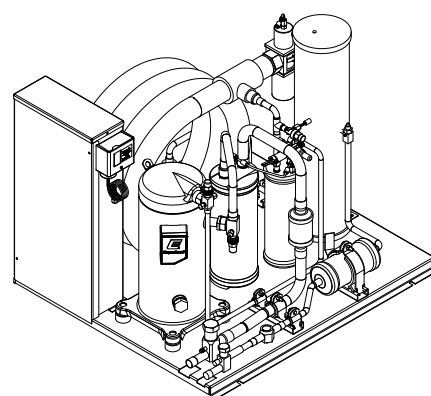
VISTA LATERAL

Dimensiones en mm.

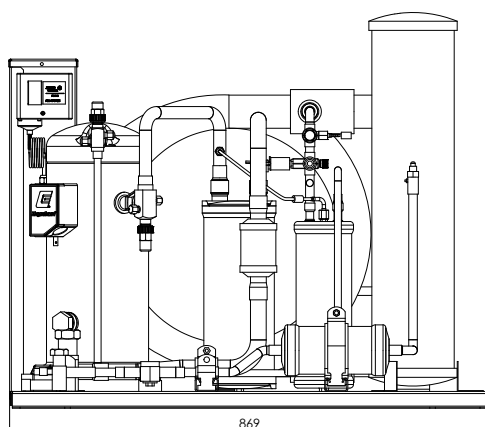
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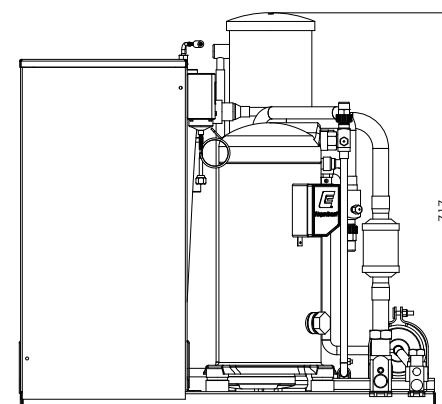
VISTA PLANTA



ISOMETRICO SE



VISTA FRONTAL



VISTA LATERAL

*Dimensiones en mm.*

**UNIDADES CONDENSADORAS ENFRIADAS POR AGUA  
MODELOS HWN Y ZWN**

**BOHN®**

ZWN

Plano general

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# CONSIDERACIONES DE CALIDAD DE AGUA EN CONDENSADORES

| Elementos <sup>(4)</sup> |                                           |             | Temp. Agua menor a 20°C |                                   | Temperatura agua (20°C-60°C) |                                   | Temperatura alta (60°C-80°C) |                                   | Tendencia fuera de los Criterios |
|--------------------------|-------------------------------------------|-------------|-------------------------|-----------------------------------|------------------------------|-----------------------------------|------------------------------|-----------------------------------|----------------------------------|
|                          |                                           |             | Agua de circulación     | Agua de suministro <sup>(3)</sup> | Agua de circulación          | Agua de suministro <sup>(3)</sup> | Agua de circulación          | Agua de suministro <sup>(3)</sup> |                                  |
| Elementos de control:    | pH                                        | A 25°C      | 6.8-8.0                 | 6.0-8.0                           | 7.0-8.0                      | 7.0-8.0                           | 7.0-8.0                      | 7.0-8.0                           | Corrosión + Sarro                |
|                          | Conductividad Eléctrica                   | mS/m a 25°  | Menor a 80              | Menor a 80                        | Menor a 30                   | Menor a 30                        | Menor a 30                   | Menor a 30                        | Corrosión + Sarro                |
|                          |                                           | µS/cm a 25° | Menor a 800             | Menor a 800                       | Menor a 300                  | Menor a 300                       | Menor a 300                  | Menor a 300                       | Corrosión + Sarro                |
|                          | Iones de Cloruro                          | mg Cl2-/lt  | Menor a 200             | Menor a 50                        | Menor a 50                   | Menor a 50                        | Menor a 30                   | Menor a 30                        | Corrosión                        |
|                          | Iones de Sulfato                          | mg SO2-4/lt | Menor a 200             | Menor a 50                        | Menor a 50                   | Menor a 50                        | Menor a 30                   | Menor a 30                        | Corrosión                        |
|                          | Alcalinidad M (pH 4.8)                    | mg CaCO3/lt | Menor a 100             | Menor a 50                        | Menor a 50                   | Menor a 50                        | Menor a 50                   | Menor a 50                        | Escala                           |
|                          | Dureza total                              | mg CaCO3/lt | Menor a 200             | Menor a 70                        | Menor a 70                   | Menor a 70                        | Menor a 70                   | Menor a 70                        | Escala                           |
|                          | Dureza del calcio                         | mg CaCO3/lt | Menor a 50              | Menor a 50                        | Menor a 50                   | Menor a 50                        | Menor a 50                   | Menor a 50                        | Escala                           |
|                          | Ion de Sílice                             | mg SiO2/lt  | Menor a 30              | Menor a 30                        | Menor a 30                   | Menor a 30                        | Menor a 30                   | Menor a 30                        | Escala                           |
|                          | Oxígeno                                   | mg O2/lt    | Menor a 1.0             |                                   |                              |                                   |                              |                                   | Corrosión                        |
|                          | Tamaño de la partícula                    | mm          | Menor a 0.5             | Menor a 0.6                       | Menor a 0.5                  | Menor a 0.6                       | Menor a 0.5                  | Menor a 0.6                       | Erosión                          |
|                          | Total de sólidos disueltos                | mg/lt       | Menor a 1000            | Menor a 1001                      | Menor a 1000                 | Menor a 1001                      | Menor a 1000                 | Menor a 1001                      | Erosión                          |
| Elementos de referencia: | Etilenglicol, propilenglicol (conc. Peso) |             | Menor al 60%            |                                   |                              |                                   |                              |                                   | -                                |
|                          | Ion nitrato                               | mg NO3-/lt  | Menor a 100             | Menor a 101                       | Menor a 100                  | Menor a 101                       | Menor a 100                  | Menor a 101                       | Corrosión                        |
|                          | Carbono orgánico total TOC                | mg/lt       | Menor a 1.0             |                                   |                              |                                   |                              |                                   | Escala                           |
|                          | Hierro                                    | mg Fe/lt    | Menor a 1.0             | Menor a 0.3                       | Menor a 1.0                  | Menor a 0.3                       | Menor a 1.0                  | Menor a 0.3                       | Corrosión + sarro                |
|                          | Cobre                                     | mg Cu/lt    | Menor a 1.0             | Menor a 1.0                       | Menor a 1.0                  | Menor a 0.1                       | Menor a 1.0                  | Menor a 0.1                       | Corrosión                        |
|                          | Iones de sulfato                          | mg S2-/lt   | No detectable           |                                   |                              |                                   |                              |                                   | Corrosión                        |
|                          | Ion de amonio                             | mg NH+4/lt  | Menor a 1.0             | Menor a 0.1                       | Menor a 0.3                  | Menor a 0.1                       | Menor a 0.1                  | Menor a 0.1                       | Corrosión                        |
|                          | Cloruro remanente                         | mg CL/lt    | Menor a 0.3             | Menor a 0.3                       | Menor a 0.25                 | Menor a 0.3                       | Menor a 0.25                 | Menor a 0.3                       | Corrosión                        |
|                          | Carburo libre                             | mg CO2/lt   | Menor a 4.0             | Menor a 4.0                       | Menor a 0.4                  | Menor a 4.0                       | Menor a 0.4                  | Menor a 4.0                       | Corrosión                        |
|                          |                                           |             |                         |                                   |                              |                                   |                              |                                   |                                  |



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Rev 1.5

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