

## R410a Data

# VK™ 3-30 Tons Vertical Comfort Cooling A/C's & Heat Pumps



**3 to 30 Tons**

*"Floor Mounted Comfort A/C's"  
(Modular for Rigging Purposes!)*



### Features & Benefits

- 3 to 30 Ton Capacities
- *Comfort Applications*
  - General Office Spaces
  - Retail Stores
  - Restaurants
  - Factories & Warehouses
- Compact Vertical Floor Mounted SCAV Self-Contained & Split
- DX Air, Water & Glycol Cooled, Heat Pumps & Economizers
- Energy Saving Options
  - Variable Frequency Drives for VAV Applications
  - Air Side Economizers
  - Water Side Economizers
- Modular for Rigging Purposes & . . . More!



MEA229-06-E Approved

# Performance Data (VK-Vertical) - DX 12 To 25 Tons

| Nominal Size               |                                    | 12 Tons       | 15 Tons       | 20 Tons       | 25 Tons       |         |
|----------------------------|------------------------------------|---------------|---------------|---------------|---------------|---------|
| <b>Air Cooled Model</b>    |                                    | VKA/KE/KH-144 | VKA/KE/KH-180 | VKA/KE/KH-240 | VKA/KE/KH-300 |         |
| <b>AIR COOLED DX</b>       | <b>80°F DB / 67°F WB, 50% RH</b>   |               |               |               |               |         |
|                            | Total                              | BTUH          | 159,600       | 194,000       | 244,300       | 306,700 |
|                            | Sensible                           | BTUH          | 112,000       | 135,900       | 175,100       | 220,800 |
|                            | <b>75°F DB / 62.5°F WB, 50% RH</b> |               |               |               |               |         |
|                            | Total                              | BTUH          | 145,000       | 175,900       | 221,900       | 278,600 |
|                            | Sensible                           | BTUH          | 114,000       | 134,100       | 172,700       | 217,400 |
| <b>Water Cooled Model</b>  |                                    | VKW-144       | VKW-180       | VKW-240       | VKW-300       |         |
| <b>WATER COOLED DX</b>     | <b>80°F DB / 67°F WB, 50% RH</b>   |               |               |               |               |         |
|                            | Total                              | BTUH          | 169,200       | 211,400       | 266,200       | 334,300 |
|                            | Sensible                           | BTUH          | 116,400       | 144,000       | 185,500       | 233,500 |
|                            | <b>75°F DB / 62.5°F WB, 50% RH</b> |               |               |               |               |         |
|                            | Total                              | BTUH          | 154,600       | 193,300       | 244,300       | 306,400 |
|                            | Sensible                           | BTUH          | 114,000       | 140,800       | 180,100       | 228,600 |
| <b>Glycol Cooled Model</b> |                                    | VKG-144       | VKG-180       | VKG-240       | VKG-300       |         |
| <b>GLYCOL COOLED DX</b>    | <b>80°F DB / 67°F WB, 50% RH</b>   |               |               |               |               |         |
|                            | Total                              | BTUH          | 153,000       | 189,400       | 239,000       | 299,300 |
|                            | Sensible                           | BTUH          | 109,200       | 133,800       | 172,200       | 217,200 |
|                            | <b>75°F DB / 62.5°F WB, 50% RH</b> |               |               |               |               |         |
|                            | Total                              | BTUH          | 142,600       | 171,700       | 216,500       | 271,800 |
|                            | Sensible                           | BTUH          | 112,600       | 132,100       | 170,100       | 214,200 |

## GENERAL SHARED DATA

|                      |   |                 |                 |                 |                 |                 |
|----------------------|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>ALL DX MODELS</b> | <b>Electric Heater (Duct Mounted, Separately Powered) - BTUH includes evaporator motor heat, (Optional)</b> |                 |                 |                 |                 |                 |
|                      | Capacity  | BTUH            | 75,135          | 79,720          | 79,720          | 119,580         |
|                      |   | KW              | 20.0            | 20.0            | 20.0            | 30.0            |
|                      | Stages  | NO              | 2               | 2               | 2               | 2               |
|                      | <b>Evaporator Blowers / Motors - Belt Drive, DWDI Centrifugal</b>   |                 |                 |                 |                 |                 |
|                      | Airflow Rate  | CFM             | 4,800           | 6,000           | 8,000           | 10,000          |
|                      | E.S.P.  | IN WG           | 0.75            | 0.75            | 0.75            | 0.75            |
|                      | Blower Motor  | HP              | 3               | 5               | 5               | 7.5             |
|                      | Blower Dia., (Qty.)   | IN              | 15 X 15, (2)    | 15 X 15, (2)    | 15 X 15, (2)    | 15 X 15, (2)    |
|                      | <b>Evaporator Coil - Aluminum Fin, Copper Tube</b>  |                 |                 |                 |                 |                 |
|                      | Rows  | NO              | 4               | 4               | 4               | 4               |
|                      | Face Area   | FT <sup>2</sup> | 14.4            | 14.4            | 14.4            | 20.0            |
|                      | <b>Filters - 30% Dust Spot Efficient</b>  |                 |                 |                 |                 |                 |
|                      | Nominal Size  | (NO) IN         | (4) 20 x 30 x 2 | (4) 20 x 30 x 2 | (4) 20 x 30 x 2 | (8) 16 x 25 x 2 |
|                      | <b>Compressors - Heat Pump Duty SCROLL</b>  |                 |                 |                 |                 |                 |
|                      | Qty., Horespower  | (NO) HP         | (2) 6.0         | (2) 7.5         | (2) 10.0        | (2) 12.5        |
|                      | <b>Connection Sizes</b>   |                 |                 |                 |                 |                 |
|                      | Condensate Drain  | FPT IN          | 1               | 1               | 1               | 1               |
|                      | <b>Approximate Unit Weights</b>   |                 |                 |                 |                 |                 |
|                      | VKA-( )   | LBS             | 1,850           | 1,900           | 2,100           | 2,500           |
| VKH-( )              | LBS   | 1,150           | 1,200           | 1,200           | 1,500           |                 |
| VKW & VKG-( )        | LBS   | 1,750           | 1,750           | 1,750           | 2,350           |                 |

## Heat Rejection Data

| Nominal Size | 12 Tons | 15 Tons | 20 Tons | 25 Tons |
|--------------|---------|---------|---------|---------|
| Model Size   | 144     | 180     | 240     | 300     |

### DX - AIR COOLED CONDENSING UNIT DATA

| Packaged or Split Vertical Indoor (Opt Outdoor), Centrifugal Blower Air Cooled Condensing Unit Data |                     |                 |               |               |               |               |
|---|---------------------|-----------------|---------------|---------------|---------------|---------------|
| AIR<br>COOLED<br>DX   | Model               |                 | VKA & VCU-144 | VKA & VCU-180 | VKA & VCU-240 | VKA & VCU-300 |
|   | Air Flow Rate       | CFM             | 7,200         | 9,000         | 13,000        | 15,000        |
|   |                     | IN ESP          | 1.0           | 1.0           | 1.0           | 1.0           |
|   | Blower Motor        | HP              | 5.0           | 5.0           | 7.5           | 10.0          |
|   | Blower Dia., (Qty.) | IN NO           | 15 x 15, (2)  | 15 x 15, (2)  | 15 x 15, (2)  | 15 x 15, (2)  |
|   | Blower Type         |                 | Centrifugal   | Centrifugal   | Centrifugal   | Centrifugal   |
|   | Coil Face Area      | FT <sup>2</sup> | 17.5          | 17.5          | 17.5          | 21.3          |
|   | Rows                | NO              | 5             | 5             | 5             | 5             |

### DX - WATER COOLED CONDENSER DATA

| Water Cooled Condenser Data - 0% Glycol Solution, THR & GPM at 80°F DB/67°F WB Cooling Capacity |                    |       |  |               |               |               |
|---|--------------------|-------|--|---------------|---------------|---------------|
| WATER<br>COOLED<br>DX   | Model              |       | VKW & VWU-144  | VKW & VWU-180 | VKW & VWU-240 | VKW & VWU-300 |
|   | Total Heat of Rej. | BTUH  | 211,800  | 266,680       | 332,450       | 419,960       |
|   | Flow @ 85°F EWT    | GPM   | 42.4   | 53.3          | 66.5          | 84.0          |
|   | Water Press. Drop  | FT WG | 21.0   | 30.0          | 35.0          | 40.0          |
|   | Water Reg. Valve   |       | 2-Way, 150 psig - factory installed, (3-way & High Pressure Valves are Optional) |               |               |               |

### DX - GLYCOL COOLED CONDENSER DATA

| Glycol Cooled Condenser Data - @ 40% Ethylene Glycol, THR & GPM at 80°F DB/67°F WB Cooling Capacity |                    |       |  |               |               |               |
|---|--------------------|-------|--|---------------|---------------|---------------|
| GLYCOL<br>COOLED<br>DX  | Model              |       | VKG & VGU-144  | VKG & VGU-180 | VKG & VGU-240 | VKG & VGU-300 |
|   | Total Heat of Rej. | BTUH  | 207,650  | 260,175       | 324,625       | 409,275       |
|   | Flow @ 110°F EGT   | GPM   | 45.9   | 57.6          | 71.8          | 90.5          |
|   | Glycol Press. Drop | FT WG | 24.5   | 34.2          | 38.5          | 45.0          |
|   | Glycol Reg. Valve  |       | 2-Way, 150 psig - factory installed, (3-way & High Pressure Valves are Optional) |               |               |               |

## Connection Data

| Nominal Size | 12 Tons | 15 Tons | 20 Tons | 25 Tons |
|--------------|---------|---------|---------|---------|
| Model Size   | 144     | 180     | 240     | 300     |

### DX - AIR COOLED REFRIGERANT (R407C) CONNECTION DATA

| AIR<br>COOLED<br>SPLIT | DX Air Handling Units - (VKH models)   |       |          |            |            |            |
|------------------------|--|-------|----------|------------|------------|------------|
|                        | Liquid Line, (Qty.)  | OD IN | 1/2, (2) | 1/2, (2)   | 1/2, (2)   | 5/8, (2)   |
|                        | Suction Line, (Qty.)   | OD IN | 7/8, (2) | 1-1/8, (2) | 1-3/8, (2) | 1-5/8, (2) |
|                        | Indoor / Outdoor, Centrifugal Blower Remote Air Cooled Condensing Units - (VCU models) |       |          |            |            |            |
|                        | Liquid Line, (Qty.)  | OD IN | 1/2, (2) | 1/2, (2)   | 1/2, (2)   | 5/8, (2)   |
|                        | Suction Line, (Qty.)   | OD IN | 7/8, (2) | 1-1/8, (2) | 1-3/8, (2) | 1-5/8, (2) |

### DX - WATER COOLED CONDENSER CONNECTION DATA

| WATER<br>COOLED | Water Cooled Condenser Data - 0% Glycol Solutions, (VKW & VWU models) |       |       |       |       |       |
|-----------------|---|-------|-------|-------|-------|-------|
|                 | Water IN/OUT  | OD IN | 1-3/8 | 1-5/8 | 2-1/8 | 2-1/8 |

### DX - GLYCOL COOLED CONDENSER CONNECTION DATA

| GLYCOL<br>COOLED | Glycol Cooled Condenser Data - @ 40% Ethylene Glycol (VKG & VGU models) |       |       |       |       |       |
|------------------|---|-------|-------|-------|-------|-------|
|                  | Glycol IN/OUT   | OD IN | 1-3/8 | 1-5/8 | 2-1/8 | 2-1/8 |

# Electrical Data (VK-Vertical) - DX 4 To 25 Tons

## Electrical Data

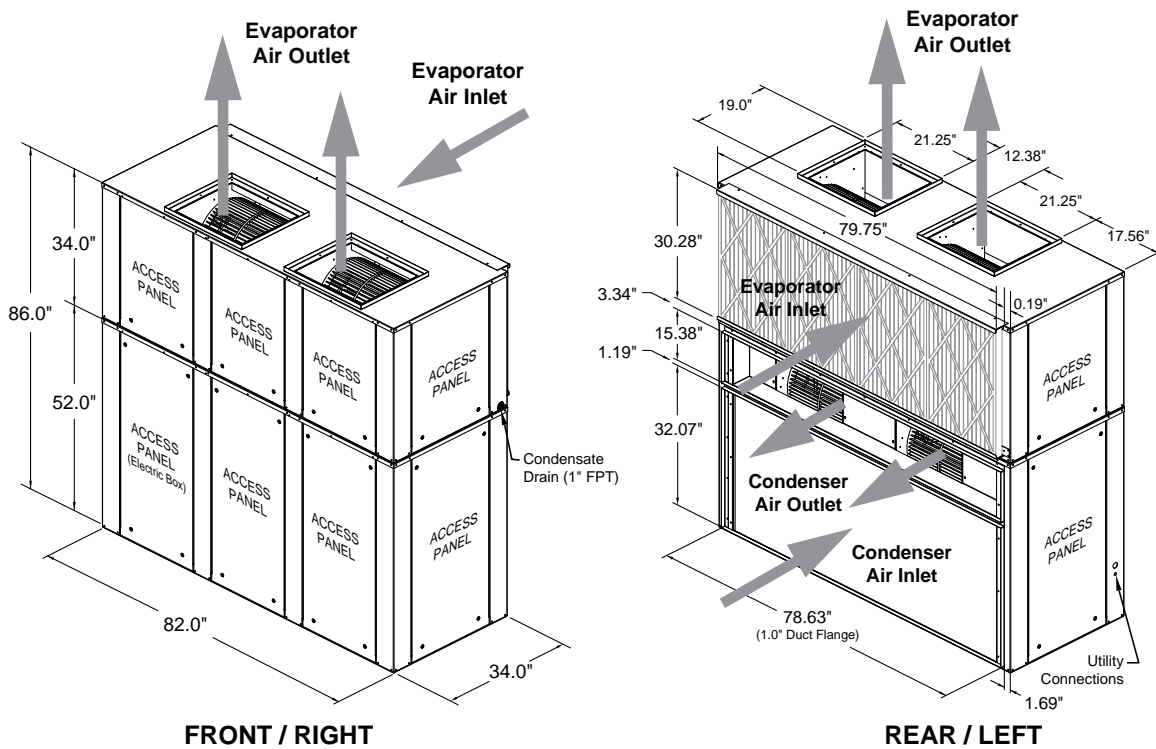
(FLA = Full Load Amps / MCA = Min Circuit Amps / MOP = Max Overcurrent Protection)

| Nominal Tons<br>Model Size                           | 4 Tons |      |     | 5 Tons |      |     | 6 Tons |      |     | 8 Tons |      |     | 10 Tons |      |     |
|--|--------|------|-----|--------|------|-----|--------|------|-----|--------|------|-----|---------|------|-----|
|  | 048    |      |     | 060    |      |     | 072    |      |     | 096    |      |     | 120     |      |     |
|  | FLA    | MCA  | MOP | FLA    | MCA  | MOP | FLA    | MCA  | MOP | FLA    | MCA  | MOP | FLA     | MCA  | MOP |
| <b>VKA, Air Cooled Packaged</b>                      |        |      |     |        |      |     |        |      |     |        |      |     |         |      |     |
| 208/3/60   | 23.6   | 27.7 | 40  | 29.0   | 34.2 | 50  | 33.3   | 36.2 | 45  | 47.0   | 51.1 | 60  | 63.9    | 69.1 | 80  |
| 460/3/60   | 11.5   | 13.4 | 20  | 14.1   | 16.6 | 25  | 16.5   | 17.9 | 20  | 22.6   | 24.6 | 30  | 31.0    | 33.5 | 40  |
| <b>VKH, DX Air Handling Unit</b>                     |        |      |     |        |      |     |        |      |     |        |      |     |         |      |     |
| 208/3/60   | 3.4    | 4.3  | 15  | 3.8    | 4.8  | 15  | 4.5    | 5.6  | 15  | 6.0    | 7.5  | 15  | 8.2     | 10.3 | 15  |
| 460/3/60   | 1.7    | 2.1  | 15  | 1.9    | 2.4  | 15  | 2.2    | 2.8  | 15  | 2.9    | 3.6  | 15  | 4.0     | 5.0  | 15  |
| <b>VKE, Split Air Cooled Evap</b>                    |        |      |     |        |      |     |        |      |     |        |      |     |         |      |     |
| 208/3/60   | 19.8   | 23.9 | 40  | 24.5   | 29.7 | 50  | 27.3   | 30.2 | 40  | 38.8   | 42.9 | 50  | 49.6    | 54.8 | 70  |
| 460/3/60   | 9.6    | 11.5 | 15  | 11.9   | 14.4 | 20  | 13.6   | 15.0 | 20  | 18.6   | 20.6 | 25  | 24.0    | 26.5 | 35  |
| <b>VKW &amp; VKG, Water/Glycol Cooled Packaged</b>   |        |      |     |        |      |     |        |      |     |        |      |     |         |      |     |
| 208/3/60   | 19.8   | 23.9 | 40  | 24.5   | 29.7 | 50  | 27.3   | 30.2 | 40  | 38.8   | 42.9 | 50  | 49.6    | 54.8 | 70  |
| 460/3/60   | 9.6    | 11.5 | 15  | 11.9   | 14.4 | 20  | 13.6   | 15.0 | 20  | 18.6   | 20.6 | 25  | 24.0    | 26.5 | 35  |
| <b>VKW/G-FE, Water/Glycol Cooled w/ Free-Cooling</b> |        |      |     |        |      |     |        |      |     |        |      |     |         |      |     |
| 208/3/60   | 20.2   | 24.3 | 40  | 25.2   | 30.4 | 50  | 28.8   | 31.7 | 40  | 41.0   | 45.1 | 60  | 55.7    | 60.9 | 80  |
| 460/3/60   | 9.8    | 11.7 | 15  | 12.2   | 14.7 | 25  | 14.3   | 15.7 | 20  | 19.7   | 21.7 | 25  | 27.0    | 29.5 | 35  |

| Nominal Tons<br>Model Size                           | 12 Tons |      |     | 15 Tons |      |     | 20 Tons |       |     | 25 Tons |       |     |
|--|---------|------|-----|---------|------|-----|---------|-------|-----|---------|-------|-----|
|  | 144     |      |     | 180     |      |     | 240     |       |     | 300     |       |     |
|  | FLA     | MCA  | MOP | FLA     | MCA  | MOP | FLA     | MCA   | MOP | FLA     | MCA   | MOP |
| <b>VKA, Air Cooled Packaged</b>                      |         |      |     |         |      |     |         |       |     |         |       |     |
| 208/3/60   | 70.0    | 75.2 | 90  | 78.4    | 84.6 | 100 | 96.5    | 104.4 | 125 | 141.8   | 153.6 | 200 |
| 460/3/60   | 34.0    | 36.5 | 45  | 36.4    | 39.2 | 50  | 45.5    | 49.2  | 60  | 64.5    | 69.8  | 90  |
| <b>VKH, DX Air Handling Unit</b>                     |         |      |     |         |      |     |         |       |     |         |       |     |
| 208/3/60   | 14.3    | 17.9 | 30  | 14.3    | 17.9 | 30  | 14.3    | 17.9  | 30  | 18.8    | 23.5  | 40  |
| 460/3/60   | 7.0     | 8.8  | 15  | 7.0     | 8.8  | 15  | 7.0     | 8.8   | 15  | 8.7     | 10.9  | 15  |
| <b>VKE, Split Air Cooled Evap</b>                    |         |      |     |         |      |     |         |       |     |         |       |     |
| 208/3/60   | 55.7    | 60.9 | 80  | 64.1    | 70.3 | 90  | 77.7    | 85.6  | 110 | 112.8   | 124.6 | 150 |
| 460/3/60   | 27.0    | 29.5 | 35  | 29.4    | 32.2 | 40  | 36.8    | 40.5  | 50  | 51.1    | 56.4  | 70  |
| <b>VKW &amp; VKG, Water/Glycol Cooled Packaged</b>   |         |      |     |         |      |     |         |       |     |         |       |     |
| 208/3/60   | 55.7    | 60.9 | 80  | 64.1    | 70.3 | 90  | 77.7    | 85.6  | 110 | 112.8   | 124.6 | 150 |
| 460/3/60   | 27.0    | 29.5 | 35  | 29.4    | 32.2 | 40  | 36.8    | 40.5  | 50  | 51.1    | 56.4  | 70  |
| <b>VKW/G-FE, Water/Glycol Cooled w/ Free-Cooling</b> |         |      |     |         |      |     |         |       |     |         |       |     |
| 208/3/60   | 55.7    | 60.9 | 80  | 64.1    | 70.3 | 90  | 82.2    | 90.1  | 110 | 112.8   | 124.6 | 150 |
| 460/3/60   | 27.0    | 29.5 | 35  | 29.4    | 32.2 | 40  | 38.5    | 42.2  | 50  | 51.1    | 56.4  | 70  |

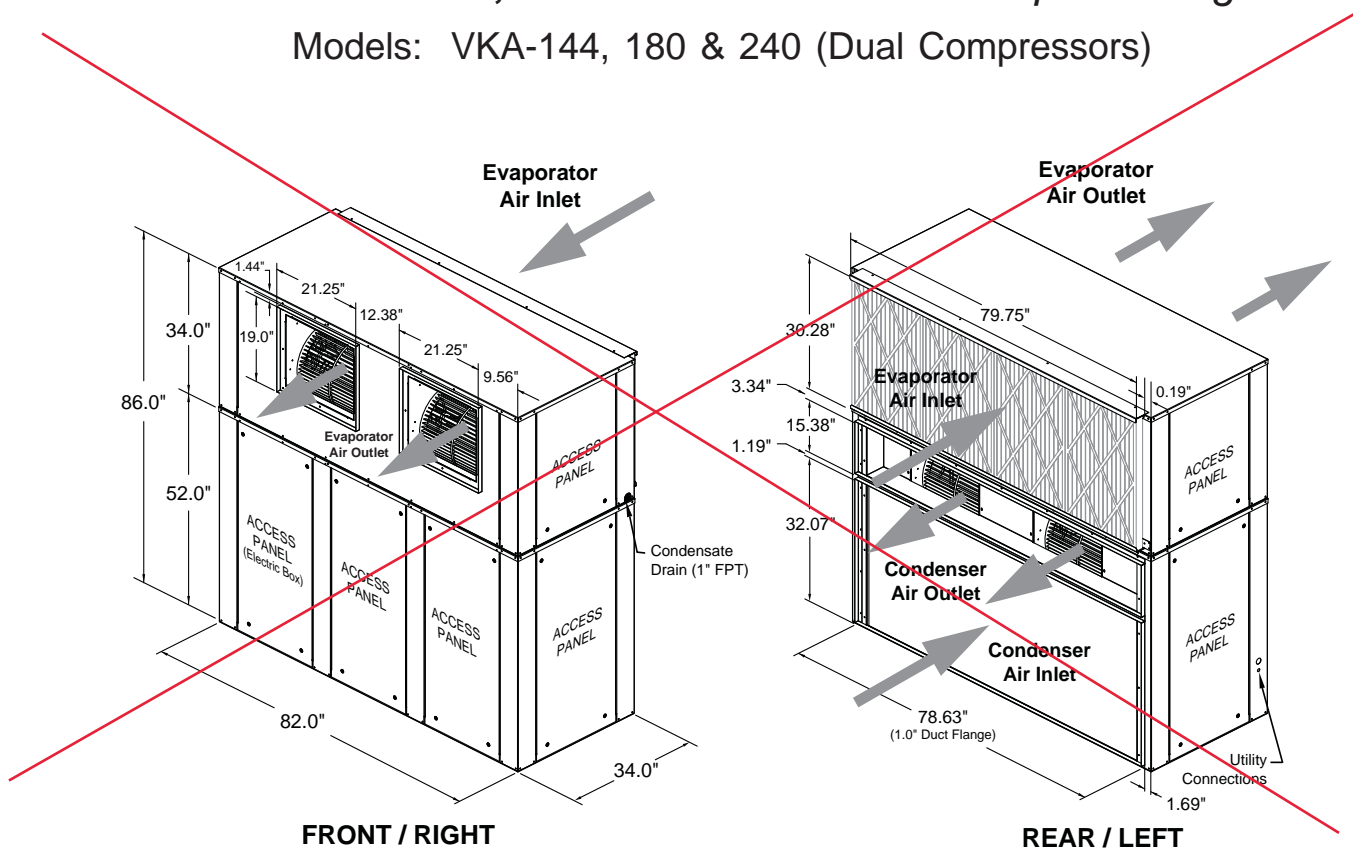
**DX - Air Cooled, Self-Contained - Top Evap Discharge**

Models: VKA-144, 180 & 240 (Dual Compressors)



**DX - Air Cooled, Self-Contained - Front Evap Discharge**

Models: VKA-144, 180 & 240 (Dual Compressors)



## Model Nomenclature

### Packaged Systems & Split Evaporators

|           |                |              |              |          |                |           |           |           |            |          |              |
|-----------|----------------|--------------|--------------|----------|----------------|-----------|-----------|-----------|------------|----------|--------------|
| <b>VK</b> | <b>E - 240</b> | <b>D - 4</b> | <b>E1</b>    | <b>0</b> | <b>AE - 00</b> | <b>TR</b> | <b>DW</b> | <b>D1</b> | <b>VAV</b> | <b>-</b> | <b>C</b>     |
| <b>a</b>  | <b>b - c</b>   | <b>d</b>     | <b>e - f</b> | <b>g</b> | <b>h - i</b>   | <b>j</b>  | <b>k</b>  | <b>l</b>  | <b>m</b>   | <b>-</b> | <b>n - o</b> |

- |   |   |
|---|---|
| <p><b>a: VK</b> - VK Vertical Floor Mounted Series</p> <p><b>b: A</b> - DX, Air Cooled - Packaged Self-Contained<br/> <b>C</b> - Chilled Water<br/> <b>E</b> - DX, Evaporator with Compressor<br/> <b>G</b> - DX, Glycol Cooled - Packaged Self-Contained<br/> <b>H</b> - DX, Air Handling Unit<br/> <b>W</b> - DX, Water Cooled - Packaged Self-Contained</p> <p><b>c: 048</b> = 4.0 Tons; <b>060</b> = 5.0 Tons; <b>072</b> = 6.0 Tons; <b>096</b> = 8.0 Tons;<br/> <b>120</b> = 10.0 Tons; <b>144</b> = 12.0 Tons; <b>180</b> = 15.0 Tons; <b>240</b> = 20.0 Tons<br/> <b>300</b> = 25.0 Tons; <b>360</b> = 30.0 Tons</p> <p><b>d: D</b> - Dual DX Circuited Systems<br/> <b>Null</b> - Single DX Circuited System (or Chilled Water System)</p> <p><b>e: 1</b> - 208-230V / 1 Ph / 60 Hz<br/> <b>3</b> - 208-230V / 3 Ph / 60 Hz<br/> <b>4</b> - 460-480V / 3 Ph / 60 Hz<br/> <b>5</b> - 575V / 3 Ph / 60 Hz<br/> <b>7</b> - 277V / 1 Ph / 60 Hz</p> <p><b>f: 00</b> - No Heat<br/> <b>E1</b> - Electric Heat 1-Stage (Factory Unit Mtd)<br/> <b>E2</b> - Electric Heat 2-Stages (Factory Unit Mtd)<br/> <b>ES</b> - SCR Fired Electric Heat (Factory Unit Mtd)<br/> <b>HE</b> - Heat Pump with Internal Auxiliary Electric Heat<br/> <b>HG</b> - Hot Gas Reheat<br/> <b>HP</b> - Heat Pump w/o Internal Auxiliary Electric Heat<br/> <b>HW</b> - Hot Water Heating Coil<br/> <b>ST</b> - Steam Heating Coil</p> <p><b>g: 0</b> - No Humidifier<br/> <b>H</b> - Electrode Canister Humidifier</p> | <p><b>h: 00</b> - No Economizer<br/> <b>AE</b> - Air Side Economizer Mixing Box<br/> <b>DC</b> - Dual Cool / Alternate Water Source Coil<br/> <b>FE</b> - Water/Glycol Side Free Cooling Economizer Coil</p> <p><b>i: 00</b> - None<br/> <b>OA</b> - High Percentage Outside-Air (HPOA) System</p> <p><b>j: TR</b> - Rear Ducted (or Free) Return w/ Top Ducted Evap Disch<br/> <b>FR</b> - Rear Ducted (or Free) Return w/ Front Ducted Evap Disch<br/> <b>TF</b> - Flip / Reverse Top Evap: Front Ducted (or Free) Return w/ Top Ducted Evap Air Discharge<br/> <b>FF</b> - Flip / Reverse Top Evap: Front Ducted (or Free) Return w/ Rear Ducted Evap Air Discharge</p> <p><b>k: Null</b> - Single Wall Cabinet Construction<br/> <b>DW</b> - Double Wall Cabinet Construction</p> <p><b>l: 00</b> - None / Not Applicable<br/> <b>Null</b> - Standard Constant Speed Scroll Compressors (Cir-1 &amp; 2)<br/> <b>D1</b> - Digital Scroll Compressor (Circuit-1 Only) Option<br/> <b>D2</b> - Digital Scroll Compressors (Both Circuits-1 &amp; 2) Option</p> <p><b>m: Null</b> - Constant Air Volume System (can also use CAV)<br/> <b>DCV</b> - Demand Control Variable Air Volume System Option<br/> <b>EVF</b> - Evap Motor VFD for Balancing Purposes Option<br/> <b>VAV</b> - Variable Air Volume (Multi-Zone) System Option<br/> <b>SZV</b> - Single Zone Variable Air Volume System Option</p> <p><b>n: Null</b> - Not Applicable<br/> <b>CVF</b> - Low Ambient Condenser Blower VFD Option</p> <p><b>o: A, B ...</b> - VK Cabinet Frame Size (see VK Dimensional Drawings)</p> |
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### Remote Condensers & Condensing Units

|          |          |                |              |           |           |           |           |           |            |              |
|----------|----------|----------------|--------------|-----------|-----------|-----------|-----------|-----------|------------|--------------|
| <b>V</b> | <b>C</b> | <b>X - 240</b> | <b>D - 4</b> | <b>00</b> | <b>00</b> | <b>SF</b> | <b>DW</b> | <b>00</b> | <b>CVF</b> | <b>C</b>     |
| <b>a</b> | <b>b</b> | <b>c - d</b>   | <b>e</b>     | <b>f</b>  | <b>g</b>  | <b>h</b>  | <b>i</b>  | <b>j</b>  | <b>k</b>   | <b>l - m</b> |

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| <p><b>a: V</b> - VK Vertical Floor Mounted<br/> <b>X</b> - Remote Condenser or Condensing Unit<br/> <b>W</b> - Witt HTPG Manufactured Remote Condenser</p> <p><b>b: C</b> - DX, Air Cooled, Centrifugal Blower Type<br/> <b>G</b> - DX, Glycol Cooled<br/> <b>P</b> - DX, Air Cooled, Propeller Fan Type<br/> <b>W</b> - DX, Water Cooled</p> <p><b>c: 1, 2 ...</b> - Witt Condenser Number of Fans<br/> <b>U</b> - DX Condensing Unit<br/> <b>X</b> - DX Indoor Condenser</p> <p><b>d:</b> Nominal Condenser/Cond Unit Capacity in MBH</p> <p><b>e: D</b> - Dual DX Circuited Systems<br/> <b>Null</b> - Single DX Circuited System (or Chilled Water System)</p> <p><b>f: 1</b> - 208-230V / 1 Ph / 60 Hz<br/> <b>3</b> - 208-230V / 3 Ph / 60 Hz<br/> <b>4</b> - 460-480V / 3 Ph / 60 Hz<br/> <b>5</b> - 575V / 3 Ph / 60 Hz<br/> <b>7</b> - 277V / 1 Ph / 60 Hz</p> <p><b>g: 00</b> - None<br/> <b>HP</b> - Heat Pump Option</p> | <p><b>h: 00</b> - None<br/> <b>OA</b> - High Percentage Outside-Air (HPOA) System</p> <p><b>i: SF</b> - Ducted Std "Same-Face" Cond Air Pattern<br/> <b>MI</b> - Ducted "Mirror-Image Same-Face" Cond Air Pattern<br/> <b>ZST</b> - Ducted "Z" Straight-Thru Cond Air Pattern<br/> <b>TT</b> - Ducted "Top Inlet &amp; Top Outlet" Cond Air Pattern<br/> <b>FT</b> - Ducted "Front Inlet &amp; Top Outlet" Cond Air Pattern</p> <p><b>j: Null</b> - Single Wall Cabinet Construction<br/> <b>DW</b> - Double Wall Cabinet Construction</p> <p><b>k: 00</b> - None / Not Applicable<br/> <b>Null</b> - Standard Constant Speed Scroll Compressors (Cir-1 &amp; 2)<br/> <b>D1</b> - Digital Scroll Compressor (Circuit-1 Only) Option<br/> <b>D2</b> - Digital Scroll Compressors (Both Circuits-1 &amp; 2) Option</p> <p><b>l: Null</b> - Not Applicable<br/> <b>CVF</b> - Low Ambient Condenser VFD Option<br/> <b>FCS</b> - Low Ambient Fan Cycling Option<br/> <b>FLD</b> - Low Ambient Flooded Condenser Option<br/> <b>P66</b> - Low Ambient Variable Speed Fan via JCI p266 Option</p> <p><b>m: Null</b> - Not Applicable<br/> <b>A, B ...</b> - VK or HK Cabinet Frame Size (see Eng Manuals)</p> |
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