

| SYSTEM REFRIGERANT CODE        | CAPACITY (NOMINAL TONNAGE) | CHARGE CODE        | INLET X OUTLET CONNECTION | EQUALIZER | BLEED | CAP LENGTH | BODY DESIGN   | STRAINER | MODEL NUMBER     | ITEM NUMBER |
|--------------------------------|----------------------------|--------------------|---------------------------|-----------|-------|------------|---------------|----------|------------------|-------------|
| S (R-404A)<br>*R-502<br>*R-507 | 7                          | W45 (MOP)          | 5/8" X 7/8" ODF           | External  | No    | 5 Ft.      | Angle         | Yes      | HFESC 7SW45-02   | 066550      |
|                                | 7                          | Z (Low Temp.)      | 5/8" X 7/8" ODF           | External  | No    | 5 Ft.      | Straight Thru | No       | HFES 7SZ-01      | 064291      |
|                                | 7                          | Z (Low Temp.)      | 5/8" X 7/8" ODF           | External  | No    | 5 Ft.      | Angle         | Yes      | HFESC 7SZ-01     | 064058      |
|                                | 10                         | C (Med. Temp.)     | 5/8" X 7/8" ODF           | External  | No    | 5 Ft.      | Straight Thru | No       | HFES 10SC-02     | 066538      |
|                                | 10                         | C (Med. Temp.)     | 5/8" X 7/8" ODF           | External  | No    | 5 Ft.      | Angle         | Yes      | HFESC 10SC-01    | 064219      |
|                                | 10                         | W45 (MOP)          | 5/8" X 7/8" ODF           | External  | No    | 5 Ft.      | Straight Thru | No       | HFES 10SW45-01   | 064195      |
|                                | 10                         | W45 (MOP)          | 5/8" X 7/8" ODF           | External  | No    | 5 Ft.      | Angle         | Yes      | HFESC 10SW45-01  | 066551      |
|                                | 10                         | Z (Low Temp.)      | 5/8" X 7/8" ODF           | External  | No    | 5 Ft.      | Straight Thru | No       | HFES 10SZ-01     | 062828      |
| T (R-290)                      | 1/4                        | A (Med./Low Temp.) | 1/4 X 1/2" ODF            | Internal  | No    | 5 Ft.      | Angle         | No       | HFES 1/4TA-01    | 096830      |
|                                | 1/4                        | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Straight Thru | No       | HFES 1/4TA-01    | 096818      |
|                                | 1/4                        | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Angle         | Yes      | HFESC 1/4TA-01   | 096825      |
|                                | 1/4                        | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | Internal  | No    | 5 Ft.      | Angle         | Yes      | HFSC 1/4TA-01    | 096833      |
|                                | 1/2                        | A (Med./Low Temp.) | 1/4 X 1/2" ODF            | Internal  | No    | 5 Ft.      | Angle         | No       | HFS 1/2TA-01     | 096831      |
|                                | 1/2                        | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Straight Thru | No       | HFES 1/2TA-01    | 096817      |
|                                | 1/2                        | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Angle         | Yes      | HFESC 1/2TA-01   | 096826      |
|                                | 1/2                        | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | Internal  | No    | 5 Ft.      | Angle         | Yes      | HFSC 1/2TA-01    | 096834      |
|                                | 3/4                        | A (Med./Low Temp.) | 1/4 X 1/2" ODF            | Internal  | No    | 5 Ft.      | Angle         | No       | HFS 3/4TA-01     | 096832      |
|                                | 3/4                        | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Straight Thru | No       | HFES 3/4TA-01    | 096819      |
|                                | 3/4                        | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Angle         | Yes      | HFESC 3/4TA-01   | 096827      |
|                                | 1-1/4                      | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Straight Thru | No       | HFES 1-1/4TA-01  | 096820      |
|                                | 1-1/4                      | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Angle         | Yes      | HFESC 1-1/4TA-01 | 096828      |
|                                | 1-3/4                      | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Angle         | Yes      | HFESC 1-3/4TA-01 | 096829      |
|                                | 2-1/4                      | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Straight Thru | Yes      | HFES 2-1/4TA-01  | 096822      |
|                                | 3                          | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Straight Thru | No       | HFES 3TA-01      | 096823      |
|                                | 5-1/2                      | A (Med./Low Temp.) | 3/8 X 1/2" ODF            | External  | No    | 5 Ft.      | Straight Thru | No       | HFES 5-1/2TA-01  | 096824      |

\* Valve capacity is for the first refrigerant listed. To determine the capacity for additional refrigerants listed, consult the nominal capacity tables for interchangeable refrigerants.

### NOMINAL CAPACITY TABLES FOR INTERCHANGEABLE REFRIGERANTS IN TONS (kW): Standard Body (1/8 to 5-1/2 Tons)

| R-134a      | R-12         | R-404A / R-507 / R-502 | R-22 / R-407C |
|-------------|--------------|------------------------|---------------|
| 1/4 (0.9)   | 1/8 (0.4)    | 1/8 (0.4)              | 1/4 (0.9)     |
| 1/2 (1.8)   | 1/4 (0.9)    | 1/4 (0.9)              | 1/2 (1.8)     |
| 3/4 (2.6)   | 1/2 (1.8)    | 1/2 (1.8)              | 1 (3.5)       |
| 1 (3.5)     | 1 (3.5)      | 1 (3.5)                | 1-1/2 (5.3)   |
| 1-1/2 (5.3) | 1-1/4 (4.4)  | 1-1/4 (4.4)            | 2 (7)         |
| 1-3/4 (6.2) | 1-1/2 (5.3)  | 1-1/2 (5.3)            | 2-1/2 (8.8)   |
| 2-1/2 (8.8) | 2 (7)        | 2 (7)                  | 3 (10.6)      |
| 4 (14.1)    | 3-1/2 (12.3) | 3-1/2 (12.3)           | 5-1/2 (19.3)  |

### NOMINAL CAPACITY TABLES FOR INTERCHANGEABLE REFRIGERANTS IN TONS (kW): Extended Body (8 to 20 Tons)

| R-134a       | R-12      | R-404A / R-507 / R-502 | R-22 / R-407C |
|--------------|-----------|------------------------|---------------|
| 6 (21.1)     | 5 (17.6)  | 5 (17.6)               | 8 (28.1)      |
| 7-1/2 (26.4) | 6 (21.1)  | 7 (24.6)               | 10 (35.2)     |
| 11 (38.7)    | 9 (31.7)  | 10 (35.2)              | 15 (52.8)     |
| 14 (49.2)    | 12 (42.2) | 13 (45.7)              | 20 (70.3)     |

All capacities shown are at 100°F condensing, 40°F evaporator temperature. See Extended Capacity Tables for ratings at a wide range of conditions per AHRI standard 750.

### POWER ASSEMBLY MODEL NOMENCLATURE - Example: X-26300-BA-1

| SERIES                  | SYSTEM REFRIGERANT CODE                                            |                                       | CHARGE CODE                                                                                          | CAPILLARY TUBE LENGTH CODE            |
|-------------------------|--------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------|
| X-26300                 | B                                                                  |                                       | A                                                                                                    | 1                                     |
| X-26300 = Power Element | B = R-448A / R-449A<br>D = R-450A / R-513A<br>F = R-12<br>H = R-22 | M = R-134a<br>S = R-404A<br>T = R-290 | A = Med/Low Temp.<br>C = Medium Temp.<br>CA = Heat Pump<br>W(MOP) = Press. Limiting<br>Z = Low Temp. | 1 = 5 Ft.<br>2 = 10 Ft.<br>3 = 15 Ft. |

## HF SERIES POWER ASSEMBLIES

| SYSTEM REFRIGERANT CODE | CHARGE CODE       | CAP LENGTH | MODEL NUMBER   | ITEM NUMBER |
|-------------------------|-------------------|------------|----------------|-------------|
| B (R-448A/R-449A)       | A (Med/Low Temp.) | 5 Ft.      | X-26300BA-1    | 066990      |
| D (R-450, R-513A)       | A (Med/Low Temp.) | 5 Ft.      | X-26300DA-1    | 096859      |
| F (R-12, R-134a)        | C (Med Temp.)     | 5 Ft.      | X-26300FC-1    | 053763      |
| F (R-12, R-134a)        | W15 (MOP)         | 5 Ft.      | X-26300FW15-1  | 053769      |
| F (R-12, R-134a)        | W55 (MOP)         | 5 Ft.      | X-26300FW55-1  | 063869      |
| F (R-12, R-134a)        | W35 (MOP)         | 5 Ft.      | X-26300FW35-1  | 054798      |
| F (R-12, R-134a)        | Z (Low Temp.)     | 5 Ft.      | X-26300FZ-1    | 053766      |
| H (R-22, R-407C)        | C (Med Temp.)     | 5 Ft.      | X-26300HC-1    | 053764      |
| H (R-22, R-407C)        | CA (Heat Pump)    | 5 Ft.      | X-26300HCA-1   | 057834      |
| H (R-22, R-407C)        | W100 (MOP)        | 5 Ft.      | X-26300HW100-1 | 057764      |
| H (R-22, R-407C)        | W35 (MOP)         | 5 Ft.      | X-26300HW35-1  | 053770      |
| H (R-22, R-407C)        | Z (Low Temp.)     | 5 Ft.      | X-26300HZ-1    | 053767      |
| M (R-134a, R-12)        | C (Med Temp.)     | 5 Ft.      | X-26300MC-1    | 058074      |
| M (R-134a, R-12)        | Z (Low Temp.)     | 5 Ft.      | X-26300MZ-1    | 058076      |
| S (R-404A, R-502 )      | C (Med Temp.)     | 5 Ft.      | X-26300SC-1    | 058083      |
| S (R-404A, R-502 )      | W45 (MOP)         | 5 Ft.      | X-26300SW45-1  | 058085      |
| S (R-404A, R-502 )      | Z (Low Temp.)     | 5 Ft.      | X-26300SZ-1    | 058082      |
| T (R-290)               | A (Med/Low Temp.) | 5 Ft.      | X-26300TA-1    | 096835      |

## HF SERIES VALVE CAGE KITS

If HF body is stamped HFK then the cage is replaceable.

| CAGE CODE | R-12  | R-22  | R-134a | R-290 | R-404A | R-448A / R-449A | R-450A / R-513A | R-507 | R-502 | MODEL NUMBER | ITEM NUMBER |
|-----------|-------|-------|--------|-------|--------|-----------------|-----------------|-------|-------|--------------|-------------|
| 0         | 1/8   | 1/4   | 1/4    | 1/4   | 1/8    | 1/4             | 1/5             | 1/8   | 1/8   | KT-20299-0   | 064868      |
| 1         | 1/4   | 1/2   | 1/2    | 1/2   | 1/4    | 1/2             | 1/4             | 1/4   | 1/4   | KT-20299-1   | 064869      |
| 2         | 1/2   | 1     | 3/4    | 3/4   | 1/2    | 1               | 1/2             | 1/2   | 1/2   | KT-20299-2   | 064870      |
| 3         | 1     | 1-1/2 | 1      | 1-1/4 | 1      | 1-1/2           | 3/4             | 1     | 1     | KT-20299-3   | 064871      |
| 4         | 1-1/4 | 2     | 1-1/2  | 1-3/4 | 1-1/4  | 2               | 1               | 1-1/4 | 1-1/4 | KT-20299-4   | 064872      |
| 5         | 1-1/2 | 2-1/2 | 1-3/4  | 2-1/4 | 1-1/2  | 2-1/2           | 1-1/4           | 1-1/2 | 1-1/2 | KT-20299-5   | 064873      |
| 6         | 2     | 3     | 2-1/2  | 3     | 2      | 3-1/2           | 1-3/4           | 2     | 2     | KT-20299-6   | 064874      |
| 7         | 3-1/2 | 5-1/2 | 4      | 5-1/2 | 3-1/2  | 6               | 3               | 3-1/2 | 3-1/2 | KT-20299-7   | 064875      |

All capacities shown are at 100°F condensing, 40°F evaporator temperature.  
See Extended Capacity Tables for ratings at a wide range of conditions per ARI standard 750.

## HFK SERIES BODY KITS

If HF body is stamped HFK then the cage is replaceable.

| VALVE TYPE      | CONNECTIONS     | BODY STYLE                | EXTERNAL EQUALIZER | MODEL NUMBER | ITEM NUMBER |
|-----------------|-----------------|---------------------------|--------------------|--------------|-------------|
| HFK Body Kit    | 1/4" X 1/2" SAE | Angle                     | No                 | KT-20298-1   | 064881      |
| HFK Body Kit    | 3/8" X 1/2" SAE | Angle                     | No                 | KT-20298-2   | 064882      |
| HFKE Body Kit   | 1/4" X 1/2" SAE | Angle                     | Yes                | KT-20298-3   | 064883      |
| HFKE Body Kit   | 3/8" X 1/2" SAE | Angle                     | Yes                | KT-20298-4   | 064884      |
| HFKSC Body Kit  | 3/8" X 1/2" ODF | Angle, Removable Strainer | No                 | KT-20298-5   | 064885      |
| HFKESC Body Kit | 3/8" X 1/2" ODF | Angle, Removable Strainer | Yes                | KT-20298-6   | 064886      |
| HFKS Body Kit   | 3/8" X 1/2" ODF | Straight Through          | No                 | KT-20298-7   | 064887      |
| HFKS Body Kit   | 3/8" X 5/8" ODF | Straight Through          | No                 | KT-20298-8   | 064888      |
| HFKS Body Kit   | 1/2" X 5/8" ODF | Straight Through          | No                 | KT-20298-9   | 064889      |
| HFKS Body Kit   | 1/2" X 7/8" ODF | Straight Through          | No                 | KT-20298-10  | 064890      |
| HFKES Body Kit  | 3/8" X 1/2" ODF | Straight Through          | Yes                | KT-20298-11  | 064891      |
| HFKES Body Kit  | 3/8" X 5/8" ODF | Straight Through          | Yes                | KT-20298-12  | 064892      |
| HFKES Body Kit  | 1/2" X 5/8" ODF | Straight Through          | Yes                | KT-20298-13  | 064895      |
| HFKES Body Kit  | 1/2" X 7/8" ODF | Straight Through          | Yes                | KT-20298-14  | 064896      |