

## HICA AIR-COOLED CONDENSING UNITS — Indoor COPELAND DISCUS COMPRESSORS

### R502 LOW TEMPERATURE

| Condensing Unit Model (HICA)           | Sat. Suct. Temp. (°F) | 80° Ambient       |                  |                       | 85° Ambient       |                  |                       | 90° Ambient       |                  |                       | 95° Ambient       |                  |                       | 100° Ambient      |                  |                       | 105° Ambient      |                  |                       |
|--|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|
|  |                       | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) |
| 0304RL<br><br>COMPR. MODEL<br>2DF0300  | -15                   | 25600             | 3.66             | 99                    | 24500             | 3.74             | 104                   | 23500             | 3.80             | 109                   | 22500             | 3.87             | 113                   | 21500             | 3.93             | 118                   | 20600             | 3.98             | 123                   |
|  | -20                   | 22700             | 3.44             | 98                    | 21800             | 3.50             | 102                   | 20900             | 3.56             | 107                   | 20000             | 3.61             | 112                   | 19100             | 3.65             | 116                   | 18200             | 3.69             | 121                   |
|  | -25                   | 20200             | 3.22             | 96                    | 19300             | 3.27             | 101                   | 18500             | 3.32             | 105                   | 17700             | 3.35             | 110                   | 16800             | 3.38             | 115                   | 16000             | 3.40             | 119                   |
|  | -30                   | 17700             | 3.00             | 94                    | 17000             | 3.04             | 99                    | 16200             | 3.07             | 104                   | 15500             | 3.09             | 108                   | 14600             | 3.10             | 113                   | 13800             | 3.10             | 118                   |
| 0404RL<br><br>COMPR. MODEL<br>2DL0400  | -15                   | 29900             | 3.96             | 95                    | 28600             | 4.04             | 99                    | 27400             | 4.12             | 104                   | 26200             | 4.19             | 109                   | 25000             | 4.25             | 113                   | 23900             | 4.31             | 118                   |
|  | -20                   | 26500             | 3.73             | 93                    | 25400             | 3.80             | 98                    | 24300             | 3.87             | 103                   | 23200             | 3.92             | 108                   | 22200             | 3.97             | 112                   | 21100             | 4.02             | 117                   |
|  | -25                   | 23400             | 3.50             | 92                    | 22400             | 3.56             | 97                    | 21400             | 3.61             | 102                   | 20500             | 3.66             | 106                   | 19500             | 3.69             | 111                   | 18500             | 3.72             | 116                   |
|  | -30                   | 20600             | 3.27             | 91                    | 19700             | 3.32             | 96                    | 18800             | 3.36             | 100                   | 17900             | 3.39             | 105                   | 17000             | 3.41             | 110                   | 16100             | 3.42             | 114                   |
| 0504RL<br><br>COMPR. MODEL<br>2DA-0600 | -15                   | 33900             | 4.62             | 97                    | 32600             | 4.73             | 102                   | 31400             | 4.83             | 106                   | 30100             | 4.92             | 111                   | 28900             | 5.00             | 116                   | 27600             | 5.08             | 120                   |
|  | -20                   | 30100             | 4.35             | 95                    | 29000             | 4.45             | 100                   | 27900             | 4.53             | 105                   | 26800             | 4.61             | 109                   | 25600             | 4.68             | 114                   | 24500             | 4.73             | 119                   |
|  | -25                   | 26700             | 4.08             | 94                    | 25700             | 4.17             | 99                    | 24700             | 4.24             | 103                   | 23700             | 4.31             | 108                   | 22600             | 4.35             | 113                   | 21500             | 4.39             | 117                   |
|  | -30                   | 23500             | 3.83             | 92                    | 22600             | 3.90             | 97                    | 21700             | 3.96             | 102                   | 20800             | 4.01             | 107                   | 19800             | 4.04             | 111                   | 18800             | 4.05             | 116                   |
| 0524RL<br><br>COMPR. MODEL<br>2DB-0600 | -15                   | 35900             | 4.93             | 98                    | 34500             | 5.03             | 103                   | 33100             | 5.13             | 107                   | 31800             | 5.22             | 112                   | 30500             | 5.30             | 117                   | 29200             | 5.37             | 121                   |
|  | -20                   | 31900             | 4.63             | 96                    | 30700             | 4.72             | 101                   | 29500             | 4.80             | 106                   | 28400             | 4.88             | 110                   | 27200             | 4.95             | 115                   | 26000             | 5.02             | 120                   |
|  | -25                   | 28300             | 4.34             | 95                    | 27300             | 4.42             | 99                    | 26200             | 4.49             | 104                   | 25100             | 4.55             | 109                   | 24100             | 4.61             | 114                   | 23000             | 4.67             | 118                   |
|  | -30                   | 25100             | 4.05             | 93                    | 24100             | 4.12             | 98                    | 23100             | 4.18             | 103                   | 22200             | 4.24             | 108                   | 21200             | 4.28             | 112                   | 20200             | 4.32             | 117                   |
| 0604RL<br><br>COMPR. MODEL<br>3DA-0600 | -15                   | 40700             | 5.68             | 97                    | 39200             | 5.79             | 102                   | 37700             | 5.89             | 106                   | 36100             | 5.98             | 111                   | 34600             | 6.06             | 116                   | 33000             | 6.13             | 120                   |
|  | -20                   | 36100             | 5.31             | 95                    | 34700             | 5.40             | 100                   | 33300             | 5.48             | 105                   | 31900             | 5.54             | 109                   | 30400             | 5.60             | 114                   | 29000             | 5.65             | 119                   |
|  | -25                   | 31800             | 4.95             | 94                    | 30500             | 5.01             | 98                    | 29200             | 5.07             | 103                   | 27900             | 5.12             | 108                   | 26600             | 5.16             | 113                   | 25200             | 5.19             | 117                   |
|  | -30                   | 27800             | 4.59             | 92                    | 26600             | 4.64             | 97                    | 25400             | 4.68             | 102                   | 24200             | 4.71             | 106                   | 23000             | 4.73             | 111                   | 21800             | 4.73             | 116                   |
| 0734RL<br><br>COMPR. MODEL<br>3DB-0750 | -15                   | 48400             | 6.80             | 99                    | 46700             | 6.95             | 103                   | 45000             | 7.09             | 108                   | 43200             | 7.22             | 113                   | 41500             | 7.34             | 117                   | 39800             | 7.45             | 122                   |
|  | -20                   | 43100             | 6.37             | 97                    | 41600             | 6.49             | 102                   | 40000             | 6.61             | 106                   | 38400             | 6.72             | 111                   | 36900             | 6.82             | 116                   | 35300             | 6.92             | 121                   |
|  | -25                   | 38200             | 5.95             | 95                    | 36800             | 6.05             | 100                   | 35400             | 6.15             | 105                   | 33900             | 6.24             | 110                   | 32500             | 6.32             | 114                   | 31100             | 6.39             | 119                   |
|  | -30                   | 33700             | 5.53             | 94                    | 32400             | 5.62             | 99                    | 31100             | 5.69             | 103                   | 29800             | 5.76             | 108                   | 28500             | 5.83             | 113                   | 27200             | 5.88             | 117                   |
| 0934RL<br><br>COMPR. MODEL<br>3DF-0900 | -15                   | 57500             | 8.18             | 98                    | 55400             | 8.35             | 103                   | 53300             | 8.51             | 108                   | 51200             | 8.66             | 112                   | 49100             | 8.80             | 117                   | 47000             | 8.94             | 122                   |
|  | -20                   | 51400             | 7.64             | 96                    | 49500             | 7.79             | 101                   | 47600             | 7.93             | 106                   | 45700             | 8.06             | 111                   | 43800             | 8.17             | 115                   | 41800             | 8.28             | 120                   |
|  | -25                   | 45600             | 7.12             | 95                    | 43900             | 7.24             | 100                   | 42200             | 7.36             | 104                   | 40500             | 7.46             | 109                   | 38800             | 7.56             | 114                   | 37000             | 7.64             | 118                   |
|  | -30                   | 40300             | 6.60             | 93                    | 38800             | 6.71             | 98                    | 37200             | 6.80             | 103                   | 35700             | 6.88             | 108                   | 34100             | 6.96             | 112                   | 32500             | 7.02             | 117                   |
| 1064RL<br><br>COMPR. MODEL<br>3DS-1000 | -15                   | 64600             | 9.23             | 98                    | 62300             | 9.42             | 102                   | 60000             | 9.61             | 107                   | 57700             | 9.79             | 112                   | 55400             | 9.95             | 117                   | 53100             | 10.11            | 121                   |
|  | -20                   | 57500             | 8.62             | 96                    | 55400             | 8.78             | 101                   | 53300             | 8.94             | 105                   | 51200             | 9.09             | 110                   | 49200             | 9.23             | 115                   | 47100             | 9.36             | 120                   |
|  | -25                   | 50900             | 8.01             | 94                    | 49000             | 8.15             | 99                    | 47100             | 8.28             | 104                   | 45200             | 8.40             | 109                   | 43300             | 8.52             | 113                   | 41500             | 8.62             | 118                   |
|  | -30                   | 44800             | 7.41             | 93                    | 43100             | 7.53             | 98                    | 41400             | 7.63             | 102                   | 39600             | 7.73             | 107                   | 37900             | 7.82             | 112                   | 36200             | 7.90             | 117                   |
|  | -35                   | 39200             | 6.82             | 92                    | 37600             | 6.91             | 96                    | 36000             | 7.00             | 101                   | 34500             | 7.07             | 106                   | 32900             | 7.13             | 111                   | 31400             | 7.19             | 115                   |
|  | -40                   | 34000             | 6.25             | 90                    | 32500             | 6.31             | 95                    | 31100             | 6.37             | 100                   | 29700             | 6.42             | 105                   | 28300             | 6.46             | 109                   | 26900             | 6.50             | 114                   |

Capacity data is based on 65° suction gas temperature and 10° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased by 6% for each additional 10° of liquid sub-cooling. Use of a suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

## HICA AIR-COOLED CONDENSING UNITS — Indoor COPELAND DISCUS COMPRESSORS

### R502 LOW TEMPERATURE (Continued)

| Condensing Unit Model (HICA)           | Sat. Suct. Temp. (°F) | 80° Ambient       |                  |                       | 85° Ambient       |                  |                       | 90° Ambient       |                  |                       | 95° Ambient       |                  |                       | 100° Ambient      |                  |                       | 105° Ambient      |                  |                       |
|--|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|
|  |                       | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) |
| 1314RL<br><br>COMPR. MODEL<br>4DA-1000 | -15                   | 71300             | 10.36            | 98                    | 68600             | 10.58            | 103                   | 65900             | 10.80            | 108                   | 63200             | 11.02            | 112                   | 60500             | 11.24            | 117                   | 57700             | 11.47            | 122                   |
|  | -20                   | 63600             | 9.63             | 96                    | 61100             | 9.82             | 101                   | 58600             | 10.00            | 106                   | 56100             | 10.18            | 111                   | 53600             | 10.36            | 115                   | 51100             | 10.54            | 120                   |
|  | -25                   | 56300             | 8.93             | 95                    | 54000             | 9.07             | 100                   | 51800             | 9.22             | 104                   | 49500             | 9.36             | 109                   | 47200             | 9.50             | 114                   | 45000             | 9.64             | 118                   |
|  | -30                   | 49600             | 8.26             | 93                    | 47500             | 8.37             | 98                    | 45400             | 8.47             | 103                   | 43300             | 8.57             | 107                   | 41300             | 8.67             | 112                   | 39200             | 8.77             | 117                   |
|  | -35                   | 43300             | 7.64             | 92                    | 41400             | 7.70             | 97                    | 39500             | 7.76             | 101                   | 37600             | 7.82             | 106                   | 35700             | 7.88             | 111                   | 33800             | 7.95             | 115                   |
|  | -40                   | 37500             | 7.05             | 91                    | 35800             | 7.08             | 95                    | 34100             | 7.10             | 100                   | 32300             | 7.12             | 105                   | 30600             | 7.14             | 109                   | 28900             | 7.17             | 114                   |
| 1514RL<br><br>COMPR. MODEL<br>4DL-1500 | -15                   | 86400             | 12.66            | 97                    | 83100             | 12.89            | 102                   | 79900             | 13.13            | 106                   | 76700             | 13.36            | 111                   | 73400             | 13.59            | 116                   | 70200             | 13.82            | 120                   |
|  | -20                   | 76900             | 11.74            | 95                    | 73900             | 11.93            | 100                   | 71000             | 12.12            | 105                   | 68000             | 12.31            | 109                   | 65000             | 12.50            | 114                   | 62100             | 12.69            | 119                   |
|  | -25                   | 68100             | 10.87            | 94                    | 65400             | 11.01            | 99                    | 62700             | 11.16            | 103                   | 59900             | 11.30            | 108                   | 57200             | 11.45            | 113                   | 54500             | 11.59            | 117                   |
|  | -30                   | 60000             | 10.04            | 92                    | 57500             | 10.15            | 97                    | 55000             | 10.25            | 102                   | 52500             | 10.35            | 107                   | 50000             | 10.45            | 111                   | 47500             | 10.55            | 116                   |
|  | -35                   | 52500             | 9.28             | 91                    | 50200             | 9.34             | 96                    | 47900             | 9.40             | 101                   | 45600             | 9.45             | 105                   | 43400             | 9.51             | 110                   | 41100             | 9.57             | 115                   |
|  | -40                   | 45600             | 8.57             | 90                    | 43500             | 8.59             | 95                    | 41400             | 8.61             | 99                    | 39300             | 8.62             | 104                   | 37300             | 8.64             | 109                   | 35200             | 8.66             | 114                   |
| 2204RL<br><br>COMPR. MODEL<br>4DT-2200 | -15                   | 105000            | 15.56            | 97                    | 101000            | 15.88            | 102                   | 97600             | 16.20            | 106                   | 93900             | 16.51            | 111                   | 90100             | 16.83            | 116                   | 86400             | 17.15            | 120                   |
|  | -20                   | 94500             | 14.64            | 95                    | 91100             | 14.92            | 100                   | 87600             | 15.19            | 105                   | 84200             | 15.46            | 110                   | 80700             | 15.73            | 114                   | 77300             | 16.00            | 119                   |
|  | -25                   | 84700             | 13.77            | 94                    | 81500             | 13.99            | 99                    | 78300             | 14.22            | 104                   | 75100             | 14.44            | 108                   | 71900             | 14.66            | 113                   | 68800             | 14.89            | 118                   |
|  | -30                   | 75500             | 12.95            | 93                    | 72600             | 13.12            | 98                    | 69600             | 13.30            | 102                   | 66700             | 13.48            | 107                   | 63800             | 13.65            | 112                   | 60800             | 13.83            | 117                   |
|  | -35                   | 67100             | 12.18            | 92                    | 64300             | 12.31            | 96                    | 61600             | 12.44            | 101                   | 58900             | 12.57            | 106                   | 56200             | 12.70            | 111                   | 53500             | 12.83            | 115                   |
|  | -40                   | 59300             | 11.47            | 91                    | 56800             | 11.55            | 95                    | 54300             | 11.64            | 100                   | 51800             | 11.72            | 105                   | 49300             | 11.81            | 110                   | 46800             | 11.89            | 114                   |
| 2704RL<br><br>COMPR. MODEL<br>6DL-2700 | -15                   | 133000            | 20.07            | 99                    | 128000            | 20.29            | 103                   | 123000            | 20.49            | 108                   | 117000            | 20.66            | 112                   | 111000            | 20.80            | 117                   | 106000            | 20.92            | 121                   |
|  | -20                   | 119000            | 18.67            | 97                    | 114000            | 18.83            | 101                   | 109000            | 18.97            | 106                   | 104000            | 19.07            | 111                   | 99100             | 19.14            | 115                   | 93700             | 19.19            | 120                   |
|  | -25                   | 106000            | 17.31            | 95                    | 101000            | 17.41            | 100                   | 96900             | 17.48            | 104                   | 92300             | 17.51            | 109                   | 87400             | 17.52            | 114                   | 82500             | 17.49            | 118                   |
|  | -30                   | 93200             | 15.98            | 94                    | 89300             | 16.02            | 98                    | 85100             | 16.02            | 103                   | 80800             | 15.99            | 108                   | 76400             | 15.92            | 112                   | 71700             | 15.82            | 117                   |
|  | -35                   | 81600             | 14.69            | 92                    | 78000             | 14.66            | 97                    | 74100             | 14.60            | 101                   | 70100             | 14.49            | 106                   | 65900             | 14.35            | 111                   | 61600             | 14.17            | 115                   |
|  | -40                   | 71000             | 13.41            | 91                    | 67500             | 13.32            | 95                    | 63900             | 13.19            | 100                   | 60200             | 13.02            | 105                   | 56300             | 12.81            | 109                   | 52200             | 12.55            | 114                   |
| 3014RL<br><br>COMPR. MODEL<br>6DT-3000 | -15                   | 151000            | 24.14            | 100                   | 145000            | 24.40            | 104                   | 138000            | 24.63            | 109                   | 131000            | 24.83            | 113                   | 124000            | 24.99            | 118                   | 116000            | 25.13            | 122                   |
|  | -20                   | 135000            | 22.31            | 98                    | 129000            | 22.56            | 103                   | 123000            | 22.76            | 107                   | 117000            | 22.93            | 112                   | 110000            | 23.07            | 116                   | 104000            | 23.18            | 121                   |
|  | -25                   | 119000            | 20.55            | 96                    | 114000            | 20.77            | 101                   | 109000            | 20.95            | 105                   | 103000            | 21.09            | 110                   | 97500             | 21.21            | 115                   | 91700             | 21.28            | 119                   |
|  | -30                   | 104000            | 18.86            | 94                    | 99800             | 19.05            | 99                    | 95200             | 19.20            | 104                   | 90500             | 19.31            | 108                   | 85600             | 19.39            | 113                   | 80700             | 19.43            | 118                   |
|  | -35                   | 90600             | 17.23            | 93                    | 86800             | 17.39            | 98                    | 82900             | 17.50            | 102                   | 78900             | 17.58            | 107                   | 74700             | 17.62            | 112                   | 70400             | 17.62            | 116                   |
|  | -40                   | 78400             | 15.67            | 91                    | 75200             | 15.79            | 96                    | 71800             | 15.87            | 101                   | 68400             | 15.91            | 106                   | 64900             | 15.91            | 110                   | 61200             | 15.87            | 115                   |

Capacity data is based on 65° suction gas temperature and 10° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased by 6% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

## HICA AIR-COOLED CONDENSING UNITS — Indoor COPELAND DISCUS COMPRESSORS

### R12 MEDIUM TEMPERATURE

| Condensing Unit Model (HICA)    | Sat. Suct. Temp. (°F) | 80° Ambient       |                  |                       | 85° Ambient       |                  |                       | 90° Ambient       |                  |                       | 95° Ambient       |                  |                       | 100° Ambient      |                  |                       | 105° Ambient      |                  |                       |
|---------------------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|
|                                 |                       | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) |
| 0444FS<br>COMPR. MODEL 2DF-0300 | 25                    | 38000             | 3.22             | 105                   | 36800             | 3.32             | 110                   | 35600             | 3.41             | 114                   | 34300             | 3.50             | 119                   | 33100             | 3.59             | 123                   | 31900             | 3.67             | 128                   |
|                                 | 20                    | 34400             | 3.07             | 103                   | 33300             | 3.16             | 108                   | 32200             | 3.24             | 112                   | 31100             | 3.33             | 117                   | 30000             | 3.40             | 121                   | 28900             | 3.48             | 126                   |
|                                 | 15                    | 31000             | 2.92             | 101                   | 30000             | 3.00             | 106                   | 29000             | 3.08             | 110                   | 28000             | 3.15             | 115                   | 27000             | 3.22             | 120                   | 26000             | 3.29             | 124                   |
|                                 | 10                    | 27800             | 2.77             | 99                    | 26800             | 2.84             | 104                   | 26000             | 2.91             | 109                   | 25100             | 2.98             | 113                   | 24200             | 3.04             | 118                   | 23300             | 3.10             | 123                   |
|                                 | 5                     | 24700             | 2.62             | 97                    | 23900             | 2.69             | 102                   | 23100             | 2.75             | 107                   | 22300             | 2.81             | 111                   | 21600             | 2.87             | 116                   | 20800             | 2.92             | 121                   |
|                                 | 0                     | 21900             | 2.47             | 96                    | 21200             | 2.53             | 100                   | 20500             | 2.59             | 105                   | 19800             | 2.64             | 110                   | 19100             | 2.69             | 115                   | 18400             | 2.74             | 119                   |
| 0504FS<br>COMPR. MODEL 2DA-0500 | 25                    | 49000             | 3.99             | 101                   | 47400             | 4.13             | 106                   | 45900             | 4.26             | 111                   | 44300             | 4.38             | 115                   | 42800             | 4.50             | 120                   | 41300             | 4.61             | 125                   |
|                                 | 20                    | 44300             | 3.81             | 100                   | 42800             | 3.94             | 104                   | 41400             | 4.06             | 109                   | 40000             | 4.17             | 114                   | 38700             | 4.28             | 118                   | 37300             | 4.38             | 123                   |
|                                 | 15                    | 39900             | 3.64             | 98                    | 38600             | 3.75             | 103                   | 37300             | 3.86             | 107                   | 36000             | 3.96             | 112                   | 34800             | 4.06             | 117                   | 33600             | 4.15             | 121                   |
|                                 | 10                    | 35700             | 3.46             | 96                    | 34600             | 3.56             | 101                   | 33400             | 3.66             | 106                   | 32300             | 3.75             | 110                   | 31200             | 3.84             | 115                   | 30100             | 3.92             | 120                   |
|                                 | 5                     | 31900             | 3.28             | 95                    | 30900             | 3.37             | 100                   | 29800             | 3.46             | 104                   | 28800             | 3.55             | 109                   | 27800             | 3.63             | 114                   | 26800             | 3.70             | 119                   |
|                                 | 0                     | 28300             | 3.11             | 93                    | 27400             | 3.19             | 98                    | 26500             | 3.27             | 103                   | 25600             | 3.34             | 108                   | 24700             | 3.42             | 113                   | 23800             | 3.49             | 117                   |
| 0534FS<br>COMPR. MODEL 2DB-0500 | 25                    | 52100             | 4.30             | 103                   | 50500             | 4.45             | 108                   | 48900             | 4.59             | 112                   | 47300             | 4.73             | 117                   | 45700             | 4.86             | 121                   | 44000             | 4.98             | 126                   |
|                                 | 20                    | 47100             | 4.10             | 101                   | 45700             | 4.24             | 106                   | 44200             | 4.37             | 110                   | 42800             | 4.49             | 115                   | 41300             | 4.61             | 120                   | 39800             | 4.72             | 124                   |
|                                 | 15                    | 42500             | 3.91             | 99                    | 41100             | 4.03             | 104                   | 39800             | 4.15             | 109                   | 38500             | 4.26             | 113                   | 37200             | 4.36             | 118                   | 35800             | 4.46             | 123                   |
|                                 | 10                    | 38100             | 3.72             | 97                    | 36900             | 3.83             | 102                   | 35700             | 3.93             | 107                   | 34500             | 4.03             | 112                   | 33300             | 4.12             | 116                   | 32100             | 4.21             | 121                   |
|                                 | 5                     | 34000             | 3.53             | 96                    | 33000             | 3.62             | 101                   | 31900             | 3.72             | 105                   | 30800             | 3.80             | 110                   | 29700             | 3.89             | 115                   | 28700             | 3.97             | 119                   |
|                                 | 0                     | 30300             | 3.33             | 94                    | 29300             | 3.42             | 99                    | 28400             | 3.50             | 104                   | 27400             | 3.58             | 109                   | 26500             | 3.66             | 113                   | 25500             | 3.73             | 118                   |
| 0544FS<br>COMPR. MODEL 3DA-0500 | 25                    | 58100             | 4.92             | 101                   | 56300             | 5.08             | 106                   | 54500             | 5.24             | 111                   | 52800             | 5.40             | 115                   | 51100             | 5.56             | 120                   | 49500             | 5.71             | 125                   |
|                                 | 20                    | 52300             | 4.70             | 100                   | 50700             | 4.85             | 104                   | 49100             | 5.00             | 109                   | 47500             | 5.15             | 114                   | 46000             | 5.29             | 118                   | 44600             | 5.43             | 123                   |
|                                 | 15                    | 46900             | 4.49             | 98                    | 45500             | 4.63             | 102                   | 44000             | 4.76             | 107                   | 42600             | 4.90             | 112                   | 41300             | 5.03             | 117                   | 40000             | 5.16             | 121                   |
|                                 | 10                    | 41900             | 4.27             | 96                    | 40600             | 4.40             | 101                   | 39300             | 4.52             | 106                   | 38100             | 4.65             | 110                   | 36900             | 4.76             | 115                   | 35700             | 4.88             | 120                   |
|                                 | 5                     | 37200             | 4.06             | 95                    | 36000             | 4.17             | 99                    | 34900             | 4.29             | 104                   | 33800             | 4.40             | 109                   | 32800             | 4.50             | 114                   | 31700             | 4.60             | 119                   |
|                                 | 0                     | 32900             | 3.85             | 93                    | 31900             | 3.95             | 98                    | 30900             | 4.05             | 103                   | 29900             | 4.15             | 108                   | 29000             | 4.24             | 112                   | 28100             | 4.33             | 117                   |
| 0744FS<br>COMPR. MODEL 3DB-0750 | 25                    | 69000             | 5.82             | 103                   | 66800             | 6.02             | 108                   | 64600             | 6.21             | 113                   | 62600             | 6.39             | 117                   | 60500             | 6.57             | 122                   | 58500             | 6.74             | 127                   |
|                                 | 20                    | 62500             | 5.56             | 102                   | 60500             | 5.74             | 106                   | 58600             | 5.91             | 111                   | 56600             | 6.08             | 115                   | 54800             | 6.25             | 120                   | 53000             | 6.41             | 125                   |
|                                 | 15                    | 56400             | 5.29             | 100                   | 54600             | 5.45             | 104                   | 52800             | 5.61             | 109                   | 51100             | 5.77             | 114                   | 49400             | 5.92             | 118                   | 47800             | 6.07             | 123                   |
|                                 | 10                    | 50600             | 5.01             | 98                    | 49000             | 5.16             | 103                   | 47400             | 5.30             | 107                   | 45800             | 5.45             | 112                   | 44300             | 5.59             | 117                   | 42900             | 5.73             | 122                   |
|                                 | 5                     | 45200             | 4.73             | 96                    | 43700             | 4.86             | 101                   | 42200             | 4.99             | 106                   | 40900             | 5.13             | 110                   | 39500             | 5.26             | 115                   | 38300             | 5.39             | 120                   |
|                                 | 0                     | 40100             | 4.44             | 95                    | 38700             | 4.56             | 99                    | 37400             | 4.68             | 104                   | 36200             | 4.80             | 109                   | 35000             | 4.93             | 114                   | 33800             | 5.05             | 119                   |
| 0944FS<br>COMPR. MODEL 3DF-0900 | 25                    | 81100             | 7.27             | 105                   | 78600             | 7.47             | 109                   | 76200             | 7.67             | 114                   | 73800             | 7.86             | 119                   | 71500             | 8.04             | 123                   | 69200             | 8.22             | 128                   |
|                                 | 20                    | 73700             | 6.95             | 103                   | 71400             | 7.13             | 107                   | 69200             | 7.31             | 112                   | 67100             | 7.48             | 117                   | 64900             | 7.65             | 121                   | 62900             | 7.81             | 126                   |
|                                 | 15                    | 66700             | 6.62             | 101                   | 64600             | 6.78             | 106                   | 62600             | 6.95             | 110                   | 60600             | 7.10             | 115                   | 58700             | 7.25             | 120                   | 56900             | 7.40             | 124                   |
|                                 | 10                    | 60100             | 6.29             | 99                    | 58200             | 6.43             | 104                   | 56400             | 6.58             | 108                   | 54600             | 6.72             | 113                   | 52900             | 6.85             | 118                   | 51200             | 6.99             | 123                   |
|                                 | 5                     | 53900             | 5.95             | 97                    | 52200             | 6.08             | 102                   | 50600             | 6.21             | 107                   | 48900             | 6.33             | 112                   | 47400             | 6.45             | 116                   | 45900             | 6.57             | 121                   |
|                                 | 0                     | 48100             | 5.61             | 96                    | 46600             | 5.72             | 100                   | 45100             | 5.84             | 105                   | 43600             | 5.95             | 110                   | 42200             | 6.06             | 115                   | 40800             | 6.17             | 120                   |
| 0914FS<br>COMPR. MODEL 3DS-0750 | 25                    | 91100             | 7.78             | 102                   | 88600             | 8.06             | 107                   | 86000             | 8.33             | 111                   | 83500             | 8.59             | 116                   | 80900             | 8.84             | 121                   | 78400             | 9.09             | 125                   |
|                                 | 20                    | 82700             | 7.44             | 100                   | 80400             | 7.70             | 105                   | 78000             | 7.94             | 110                   | 75700             | 8.18             | 114                   | 73400             | 8.41             | 119                   | 71000             | 8.63             | 124                   |
|                                 | 15                    | 74800             | 7.10             | 98                    | 72600             | 7.33             | 103                   | 70500             | 7.56             | 108                   | 68400             | 7.77             | 113                   | 66200             | 7.98             | 117                   | 64100             | 8.18             | 122                   |
|                                 | 10                    | 67400             | 6.76             | 97                    | 65400             | 6.97             | 102                   | 63400             | 7.17             | 106                   | 61500             | 7.36             | 111                   | 59500             | 7.55             | 116                   | 57600             | 7.73             | 121                   |
|                                 | 5                     | 60400             | 6.41             | 95                    | 58600             | 6.60             | 100                   | 56800             | 6.78             | 105                   | 55000             | 6.95             | 110                   | 53300             | 7.12             | 114                   | 51500             | 7.28             | 119                   |
|                                 | 0                     | 53900             | 6.06             | 94                    | 52300             | 6.23             | 99                    | 50600             | 6.39             | 103                   | 49000             | 6.54             | 108                   | 47400             | 6.68             | 113                   | 45800             | 6.82             | 118                   |
| 1344FS<br>COMPR. MODEL 4DA-1000 | 25                    | 102000            | 8.92             | 103                   | 99300             | 9.22             | 108                   | 96100             | 9.51             | 112                   | 92900             | 9.80             | 117                   | 89700             | 10.09            | 121                   | 86600             | 10.38            | 126                   |
|                                 | 20                    | 93300             | 8.54             | 101                   | 90300             | 8.79             | 106                   | 87400             | 9.05             | 110                   | 84500             | 9.31             | 115                   | 81500             | 9.57             | 120                   | 78600             | 9.83             | 124                   |
|                                 | 15                    | 84600             | 8.17             | 99                    | 81900             | 8.40             | 104                   | 79200             | 8.62             | 109                   | 76400             | 8.85             | 113                   | 73700             | 9.07             | 118                   | 71000             | 9.30             | 123                   |
|                                 | 10                    | 76400             | 7.83             | 98                    | 73900             | 8.03             | 102                   | 71400             | 8.22             | 107                   | 68900             | 8.41             | 112                   | 66400             | 8.60             | 117                   | 63900             | 8.79             | 121                   |
|                                 | 5                     | 68800             | 7.52             | 96                    | 66400             | 7.68             | 101                   | 64100             | 7.84             | 106                   | 61800             | 8.00             | 110                   | 59400             | 8.16             | 115                   | 57100             | 8.32             | 120                   |
|                                 | 0                     | 61500             | 7.23             | 95                    | 59400             | 7.36             | 100                   | 57200             | 7.49             | 104                   | 55100             | 7.62             | 109                   | 52900             | 7.75             | 114                   | 50800             | 7.88             | 118                   |
| 1534FS<br>COMPR. MODEL 4DH-1500 | 25                    | 128000            | 11.04            | 102                   | 124000            | 11.43            | 107                   | 120000            | 11.82            | 111                   | 116000            | 12.20            | 116                   | 112000            | 12.59            | 121                   | 108000            | 12.98            | 125                   |
|                                 | 20                    | 116000            | 10.56            | 100                   | 112000            | 10.91            | 105                   | 109000            | 11.26            | 110                   | 105000            | 11.61            | 114                   | 102000            | 11.95            | 119                   | 98000             | 12.30            | 124                   |
|                                 | 15                    | 105000            | 10.12            | 98                    | 101000            | 10.42            | 103                   | 98200             | 10.73            | 108                   | 94900             | 11.04            | 113                   | 91700             | 11.34            | 117                   | 88400             | 11.65            | 122                   |
|                                 | 10                    | 94000             | 9.70             | 97                    | 91100             | 9.97             | 102                   | 88100             | 10.23            | 106                   | 85200             | 10.50            | 111                   | 82200             | 10.77            | 116                   | 79300             | 11.03            | 121                   |
|                                 | 5                     | 83900             | 9.32             | 95                    | 81200             | 9.55             | 100                   | 78600             | 9.77             | 105                   | 75900             | 10.00            | 110                   | 73300             | 10.23            | 114                   | 70600             | 10.45            | 119                   |
|                                 | 0                     | 74300             | 8.97             | 94                    | 72000             | 9.16             | 99                    | 69600             | 9.35             | 103                   | 67200             | 9.54             | 108                   | 64900             | 9.72             | 113                   | 62500             | 9.91             | 118                   |
| 2014FS<br>COMPR. MODEL 4DJ-2000 | 25                    | 155000            | 14.38            | 102                   | 150000            | 14.76            | 107                   | 145000            | 15.14            | 111                   | 140000            | 15.52            | 116                   | 135000            | 15.90            | 120                   | 130000            | 16.28            | 125                   |
|                                 | 20                    | 141000            | 13.64            | 100                   | 136000            | 13.98            | 105                   | 132000            | 14.32            | 109                   | 127000            | 14.67            | 114                   | 122000            | 15.01            | 119                   | 118000            | 15.35            | 123                   |
|                                 | 15                    | 128000            | 12.94            | 98                    | 124000            | 13.24            | 103                   | 119000            | 13.55            | 108                   | 115000            | 13.86            | 112                   | 111000            | 14.16            | 117                   | 107000            | 14.47            | 122                   |
|                                 | 10                    | 115000            | 12.29            | 97                    | 112000            | 12.56            | 102                   | 108000            | 12.83            | 106                   | 104000            | 13.10            | 111                   | 101000            | 13.37            | 116                   | 96900             | 13.64            | 120                   |
|                                 | 5                     | 104000            | 11.69            | 95                    | 101000            |                  |                       |                   |                  |                       |                   |                  |                       |                   |                  |                       |                   |                  |                       |

# HICA AIR-COOLED CONDENSING UNITS — Indoor COPELAND DISCUS COMPRESSORS

## R12 HIGH TEMPERATURE

| Condensing Unit Model (HICA) | Sat. Suct. Temp. (°F) | 80° Ambient       |                  |                       | 85° Ambient       |                  |                       | 90° Ambient       |                  |                       | 95° Ambient       |                  |                       | 100° Ambient      |                  |                       | 105° Ambient      |                  |                       |
|------------------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|
|                              |                       | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) |
| 0444FS                       | 45                    | 54500             | 3.81             | 115                   | 52700             | 3.95             | 119                   | 50900             | 4.08             | 123                   | 49200             | 4.21             | 128                   | 47400             | 4.33             | 132                   | 45600             | 4.45             | 136                   |
|                              | 40                    | 50100             | 3.66             | 112                   | 48500             | 3.79             | 117                   | 46900             | 3.91             | 121                   | 45200             | 4.03             | 125                   | 43600             | 4.15             | 130                   | 42000             | 4.25             | 134                   |
|                              | 35                    | 45900             | 3.51             | 110                   | 44400             | 3.63             | 114                   | 42900             | 3.75             | 119                   | 41400             | 3.86             | 123                   | 40000             | 3.96             | 128                   | 38500             | 4.06             | 132                   |
| COMPR. MODEL 2DF-0300        | 30                    | 41900             | 3.36             | 107                   | 40500             | 3.47             | 112                   | 39200             | 3.58             | 116                   | 37800             | 3.68             | 121                   | 36400             | 3.78             | 126                   | 35100             | 3.86             | 130                   |
|                              | 25                    | 38000             | 3.22             | 105                   | 36800             | 3.32             | 110                   | 35600             | 3.41             | 114                   | 34300             | 3.50             | 119                   | 33100             | 3.59             | 123                   | 31900             | 3.67             | 128                   |
|                              | 20                    | 34400             | 3.07             | 103                   | 33300             | 3.16             | 108                   | 32200             | 3.24             | 112                   | 31100             | 3.33             | 117                   | 30000             | 3.40             | 121                   | 28900             | 3.48             | 126                   |
| 0504FS                       | 45                    | 70800             | 4.68             | 110                   | 68600             | 4.86             | 114                   | 66300             | 5.05             | 119                   | 64000             | 5.22             | 123                   | 61700             | 5.39             | 127                   | 59500             | 5.54             | 132                   |
|                              | 40                    | 64900             | 4.51             | 108                   | 62900             | 4.68             | 112                   | 60800             | 4.85             | 116                   | 58700             | 5.01             | 121                   | 56600             | 5.17             | 125                   | 54600             | 5.31             | 130                   |
|                              | 35                    | 59300             | 4.34             | 105                   | 57400             | 4.50             | 110                   | 55500             | 4.66             | 115                   | 53600             | 4.80             | 119                   | 51800             | 4.94             | 124                   | 49900             | 5.08             | 128                   |
| COMPR. MODEL 2DA-0500        | 30                    | 54000             | 4.16             | 103                   | 52300             | 4.31             | 108                   | 50600             | 4.46             | 113                   | 48800             | 4.59             | 117                   | 47100             | 4.72             | 122                   | 45500             | 4.85             | 126                   |
|                              | 25                    | 49000             | 3.99             | 101                   | 47400             | 4.13             | 106                   | 45900             | 4.26             | 111                   | 44300             | 4.38             | 115                   | 42800             | 4.50             | 120                   | 41300             | 4.61             | 125                   |
|                              | 20                    | 44300             | 3.81             | 100                   | 42800             | 3.94             | 104                   | 41400             | 4.06             | 109                   | 40000             | 4.17             | 114                   | 38700             | 4.28             | 118                   | 37300             | 4.38             | 123                   |
| 0744FS                       | 45                    | 98800             | 6.80             | 112                   | 95600             | 7.06             | 117                   | 92500             | 7.31             | 121                   | 89400             | 7.54             | 125                   | 86400             | 7.78             | 130                   | 83400             | 8.00             | 134                   |
|                              | 40                    | 90800             | 6.57             | 110                   | 87900             | 6.81             | 114                   | 85000             | 7.04             | 119                   | 82200             | 7.27             | 123                   | 79500             | 7.49             | 128                   | 76800             | 7.70             | 132                   |
|                              | 35                    | 83100             | 6.33             | 108                   | 80500             | 6.55             | 112                   | 77900             | 6.77             | 117                   | 75300             | 6.98             | 121                   | 72800             | 7.19             | 126                   | 70400             | 7.39             | 130                   |
| COMPR. MODEL 3DB-0750        | 30                    | 75900             | 6.08             | 106                   | 73500             | 6.29             | 110                   | 71100             | 6.49             | 115                   | 68800             | 6.69             | 119                   | 66500             | 6.88             | 124                   | 64300             | 7.07             | 128                   |
|                              | 25                    | 69000             | 5.82             | 103                   | 66800             | 6.02             | 108                   | 64600             | 6.21             | 113                   | 62600             | 6.39             | 117                   | 60500             | 6.57             | 122                   | 58500             | 6.74             | 127                   |
|                              | 20                    | 62500             | 5.56             | 102                   | 60500             | 5.74             | 106                   | 58600             | 5.91             | 111                   | 56600             | 6.08             | 115                   | 54800             | 6.25             | 120                   | 53000             | 6.41             | 125                   |
| 0944FS                       | 45                    | 115000            | 8.49             | 114                   | 112000            | 8.77             | 118                   | 108000            | 9.04             | 123                   | 105000            | 9.29             | 127                   | 101000            | 9.54             | 131                   | 97900             | 9.78             | 136                   |
|                              | 40                    | 106000            | 8.20             | 111                   | 103000            | 8.46             | 116                   | 99500             | 8.71             | 120                   | 96400             | 8.95             | 125                   | 93300             | 9.18             | 129                   | 90200             | 9.40             | 134                   |
|                              | 35                    | 97200             | 7.89             | 109                   | 94300             | 8.13             | 114                   | 91400             | 8.37             | 118                   | 88500             | 8.59             | 123                   | 85700             | 8.81             | 127                   | 82800             | 9.01             | 132                   |
| COMPR. MODEL 3DF-0900        | 30                    | 89000             | 7.59             | 107                   | 86200             | 7.81             | 111                   | 83600             | 8.02             | 116                   | 81000             | 8.23             | 121                   | 78400             | 8.43             | 125                   | 75800             | 8.62             | 130                   |
|                              | 25                    | 81100             | 7.27             | 105                   | 78600             | 7.47             | 109                   | 76200             | 7.67             | 114                   | 73800             | 7.86             | 119                   | 71500             | 8.04             | 123                   | 69200             | 8.22             | 128                   |
|                              | 20                    | 73700             | 6.95             | 103                   | 71400             | 7.13             | 107                   | 69200             | 7.31             | 112                   | 67100             | 7.48             | 117                   | 64900             | 7.65             | 121                   | 62900             | 7.81             | 126                   |
| 1344FS                       | 45                    | 144000            | 10.60            | 111                   | 140000            | 11.02            | 115                   | 135000            | 11.44            | 120                   | 131000            | 11.86            | 125                   | 127000            | 12.28            | 129                   | 123000            | 12.70            | 134                   |
|                              | 40                    | 133000            | 10.18            | 109                   | 129000            | 10.57            | 113                   | 125000            | 10.96            | 118                   | 121000            | 11.35            | 122                   | 117000            | 11.74            | 127                   | 113000            | 12.13            | 132                   |
|                              | 35                    | 122000            | 9.75             | 107                   | 119000            | 10.11            | 111                   | 115000            | 10.47            | 116                   | 111000            | 10.82            | 120                   | 107000            | 11.18            | 125                   | 104000            | 11.54            | 130                   |
| COMPR. MODEL 4DA-1000        | 30                    | 112000            | 9.33             | 105                   | 109000            | 9.65             | 109                   | 105000            | 9.98             | 114                   | 102000            | 10.31            | 119                   | 98400             | 10.63            | 123                   | 95000             | 10.96            | 128                   |
|                              | 25                    | 102000            | 8.92             | 103                   | 99300             | 9.22             | 108                   | 96100             | 9.51             | 112                   | 92900             | 9.80             | 117                   | 89700             | 10.09            | 121                   | 86600             | 10.38            | 126                   |
|                              | 20                    | 93300             | 8.54             | 101                   | 90300             | 8.79             | 106                   | 87400             | 9.05             | 110                   | 84500             | 9.31             | 115                   | 81500             | 9.57             | 120                   | 78600             | 9.83             | 124                   |
| 1534FS                       | 45                    | 182000            | 13.12            | 110                   | 176000            | 13.67            | 114                   | 170000            | 14.22            | 119                   | 165000            | 14.76            | 123                   | 159000            | 15.31            | 128                   | 153000            | 15.86            | 132                   |
|                              | 40                    | 167000            | 12.59            | 108                   | 162000            | 13.10            | 112                   | 157000            | 13.61            | 117                   | 152000            | 14.12            | 121                   | 146000            | 14.63            | 126                   | 141000            | 15.14            | 131                   |
|                              | 35                    | 154000            | 12.06            | 106                   | 149000            | 12.53            | 110                   | 144000            | 13.00            | 115                   | 139000            | 13.47            | 120                   | 135000            | 13.94            | 124                   | 130000            | 14.41            | 129                   |
| COMPR. MODEL 4DH-1500        | 30                    | 141000            | 11.54            | 104                   | 136000            | 11.97            | 108                   | 132000            | 12.40            | 113                   | 127000            | 12.83            | 118                   | 123000            | 13.26            | 122                   | 119000            | 13.69            | 127                   |
|                              | 25                    | 128000            | 11.04            | 102                   | 124000            | 11.43            | 107                   | 120000            | 11.82            | 111                   | 116000            | 12.20            | 116                   | 112000            | 12.59            | 121                   | 108000            | 12.98            | 125                   |
|                              | 20                    | 116000            | 10.56            | 100                   | 112000            | 10.91            | 105                   | 109000            | 11.26            | 110                   | 105000            | 11.61            | 114                   | 102000            | 11.95            | 119                   | 98000             | 12.30            | 124                   |
| 2014FS                       | 45                    | 224000            | 17.76            | 111                   | 217000            | 18.27            | 115                   | 210000            | 18.79            | 119                   | 203000            | 19.30            | 124                   | 196000            | 19.81            | 128                   | 189000            | 20.33            | 133                   |
|                              | 40                    | 205000            | 16.87            | 108                   | 198000            | 17.35            | 113                   | 192000            | 17.83            | 117                   | 185000            | 18.31            | 122                   | 179000            | 18.80            | 126                   | 172000            | 19.28            | 131                   |
|                              | 35                    | 187000            | 16.00            | 106                   | 181000            | 16.45            | 110                   | 175000            | 16.90            | 115                   | 169000            | 17.35            | 119                   | 163000            | 17.80            | 124                   | 157000            | 18.25            | 129                   |
| COMPR. MODEL 4DJ-2000        | 30                    | 171000            | 15.17            | 104                   | 165000            | 15.59            | 108                   | 159000            | 16.00            | 113                   | 154000            | 16.42            | 118                   | 148000            | 16.83            | 122                   | 143000            | 17.25            | 127                   |
|                              | 25                    | 155000            | 14.38            | 102                   | 150000            | 14.76            | 107                   | 145000            | 15.14            | 111                   | 140000            | 15.52            | 116                   | 135000            | 15.90            | 120                   | 130000            | 16.28            | 125                   |
|                              | 20                    | 141000            | 13.64            | 100                   | 136000            | 13.98            | 105                   | 132000            | 14.32            | 109                   | 127000            | 14.67            | 114                   | 122000            | 15.01            | 119                   | 118000            | 15.35            | 123                   |
| 2314FS                       | 45                    | 273000            | 20.65            | 110                   | 267000            | 21.46            | 114                   | 260000            | 22.28            | 119                   | 254000            | 23.10            | 124                   | 248000            | 23.91            | 128                   | 241000            | 24.73            | 133                   |
|                              | 40                    | 252000            | 19.79            | 107                   | 246000            | 20.54            | 112                   | 240000            | 21.30            | 117                   | 234000            | 22.05            | 122                   | 228000            | 22.80            | 126                   | 222000            | 23.56            | 131                   |
|                              | 35                    | 232000            | 18.94            | 106                   | 227000            | 19.63            | 110                   | 221000            | 20.32            | 115                   | 215000            | 21.01            | 120                   | 210000            | 21.70            | 124                   | 204000            | 22.38            | 129                   |
| COMPR. MODEL 6DH-2000        | 30                    | 213000            | 18.11            | 104                   | 208000            | 18.73            | 108                   | 203000            | 19.36            | 113                   | 197000            | 19.98            | 118                   | 192000            | 20.60            | 123                   | 186000            | 21.22            | 127                   |
|                              | 25                    | 195000            | 17.32            | 102                   | 190000            | 17.87            | 107                   | 185000            | 18.43            | 111                   | 180000            | 18.98            | 116                   | 175000            | 19.54            | 121                   | 169000            | 20.10            | 126                   |
|                              | 20                    | 178000            | 16.56            | 100                   | 173000            | 17.05            | 105                   | 168000            | 17.54            | 110                   | 163000            | 18.03            | 114                   | 158000            | 18.52            | 119                   | 153000            | 19.01            | 124                   |

Capacity data is based on 65° suction gas and 10° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased approximately 4% for every 10° of liquid sub-cooling. Use of a large capacity heat exchanger installed at the refrigerator's tubing outlet is recommended.



# HICA AIR-COOLED CONDENSING UNITS — Indoor COPELAND DISCUS COMPRESSORS

## R22 MEDIUM AND HIGH TEMPERATURE

| Condensing Unit Model (HICA)           | Sat. Suct. Temp. (°F) | 80° Ambient       |                  |                       | 85° Ambient       |                  |                       | 90° Ambient       |                  |                       | 95° Ambient       |                  |                       | 100° Ambient      |                  |                       | 105° Ambient      |                  |                       |
|--|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|
|  |                       | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) |
| 0484VH<br><br>COMPR. MODEL<br>2DC-0500 | 45                    | 71200             | 4.34             | 109                   | 68800             | 4.54             | 114                   | 66500             | 4.74             | 118                   | 64200             | 4.92             | 123                   | 61900             | 5.10             | 127                   | 59600             | 5.27             | 132                   |
|  | 40                    | 65000             | 4.20             | 107                   | 62800             | 4.38             | 112                   | 60700             | 4.56             | 116                   | 58600             | 4.73             | 121                   | 56400             | 4.89             | 125                   | 54300             | 5.04             | 130                   |
|  | 35                    | 59100             | 4.05             | 105                   | 57100             | 4.21             | 110                   | 55200             | 4.37             | 114                   | 53200             | 4.53             | 119                   | 51200             | 4.67             | 123                   | 49200             | 4.81             | 127                   |
|  | 30                    | 53600             | 3.89             | 103                   | 51800             | 4.04             | 107                   | 49900             | 4.18             | 112                   | 48100             | 4.32             | 117                   | 46300             | 4.45             | 121                   | 44400             | 4.57             | 126                   |
|  | 25                    | 48400             | 3.74             | 101                   | 46700             | 3.87             | 106                   | 45000             | 3.99             | 110                   | 43300             | 4.11             | 115                   | 41600             | 4.22             | 119                   | 39900             | 4.32             | 124                   |
|  | 20                    | 43500             | 3.57             | 99                    | 41900             | 3.69             | 104                   | 40400             | 3.79             | 108                   | 38800             | 3.89             | 113                   | 37200             | 3.99             | 117                   | 35600             | 4.08             | 122                   |
|  | 15                    | 38900             | 3.40             | 97                    | 37500             | 3.50             | 102                   | 36000             | 3.59             | 107                   | 34500             | 3.67             | 111                   | 33100             | 3.75             | 116                   | 31600             | 3.82             | 120                   |
| 10                                     | 34700                 | 3.23              | 96               | 33300                 | 3.31              | 100              | 31900                 | 3.38              | 105              | 30500                 | 3.45              | 110              | 29200                 | 3.51              | 114              | 27800                 | 3.57              | 119              |                       |
| 0494VH<br><br>COMPR. MODEL<br>2DD-0500 | 45                    | 82800             | 4.99             | 108                   | 80100             | 5.23             | 113                   | 77500             | 5.46             | 117                   | 74800             | 5.69             | 122                   | 72200             | 5.91             | 126                   | 69500             | 6.12             | 131                   |
|  | 40                    | 75600             | 4.82             | 106                   | 73200             | 5.04             | 111                   | 70800             | 5.25             | 115                   | 68300             | 5.46             | 120                   | 65900             | 5.66             | 124                   | 63400             | 5.85             | 129                   |
|  | 35                    | 68900             | 4.65             | 104                   | 66700             | 4.85             | 109                   | 64400             | 5.04             | 113                   | 62100             | 5.23             | 118                   | 59900             | 5.41             | 122                   | 57600             | 5.58             | 127                   |
|  | 30                    | 62600             | 4.47             | 102                   | 60500             | 4.65             | 107                   | 58400             | 4.83             | 111                   | 56300             | 5.00             | 116                   | 54200             | 5.16             | 121                   | 52100             | 5.31             | 125                   |
|  | 25                    | 56600             | 4.29             | 100                   | 54600             | 4.45             | 105                   | 52700             | 4.61             | 110                   | 50800             | 4.76             | 114                   | 48900             | 4.90             | 119                   | 47000             | 5.03             | 123                   |
|  | 20                    | 50900             | 4.11             | 99                    | 49100             | 4.25             | 103                   | 47400             | 4.39             | 108                   | 45600             | 4.52             | 112                   | 43800             | 4.64             | 117                   | 42000             | 4.76             | 122                   |
|  | 15                    | 45600             | 3.92             | 97                    | 44000             | 4.04             | 102                   | 42300             | 4.16             | 106                   | 40700             | 4.27             | 111                   | 39100             | 4.37             | 115                   | 37400             | 4.47             | 120                   |
| 10                                     | 40700                 | 3.73              | 95               | 39200                 | 3.83              | 100              | 37600                 | 3.93              | 105              | 36100                 | 4.02              | 109              | 34600                 | 4.11              | 114              | 33000                 | 4.19              | 119              |                       |
| 0654VH<br><br>COMPR. MODEL<br>2DL-0750 | 45                    | 100000            | 6.52             | 112                   | 97300             | 6.81             | 117                   | 94200             | 7.09             | 121                   | 91100             | 7.37             | 126                   | 87900             | 7.63             | 130                   | 84700             | 7.89             | 135                   |
|  | 40                    | 92000             | 6.28             | 110                   | 89200             | 6.55             | 114                   | 86300             | 6.81             | 119                   | 83500             | 7.06             | 123                   | 80500             | 7.31             | 128                   | 77600             | 7.55             | 132                   |
|  | 35                    | 84100             | 6.04             | 108                   | 81500             | 6.29             | 112                   | 78900             | 6.53             | 117                   | 76200             | 6.76             | 121                   | 73500             | 6.98             | 126                   | 70800             | 7.20             | 130                   |
|  | 30                    | 76600             | 5.80             | 105                   | 74200             | 6.03             | 110                   | 71800             | 6.24             | 115                   | 69400             | 6.45             | 119                   | 66900             | 6.66             | 124                   | 64400             | 6.85             | 128                   |
|  | 25                    | 69500             | 5.55             | 103                   | 67300             | 5.76             | 108                   | 65100             | 5.95             | 113                   | 62900             | 6.14             | 117                   | 60600             | 6.32             | 122                   | 58300             | 6.50             | 126                   |
|  | 20                    | 62800             | 5.30             | 101                   | 60700             | 5.48             | 106                   | 58700             | 5.66             | 111                   | 56700             | 5.82             | 115                   | 54600             | 5.98             | 120                   | 52500             | 6.13             | 124                   |
|  | 15                    | 56400             | 5.03             | 99                    | 54600             | 5.19             | 104                   | 52700             | 5.35             | 109                   | 50900             | 5.49             | 113                   | 49000             | 5.63             | 118                   | 47100             | 5.76             | 123                   |
| 10                                     | 50400                 | 4.76              | 98               | 48700                 | 4.90              | 102              | 47000                 | 5.03              | 107              | 45300                 | 5.16              | 112              | 43600                 | 5.28              | 116              | 41900                 | 5.39              | 121              |                       |
| 0704VH<br><br>COMPR. MODEL<br>2DA-0750 | 45                    | 113000            | 7.48             | 112                   | 109000            | 7.81             | 117                   | 106000            | 8.13             | 121                   | 102000            | 8.44             | 126                   | 98600             | 8.75             | 130                   | 95000             | 9.05             | 134                   |
|  | 40                    | 104000            | 7.21             | 110                   | 100000            | 7.51             | 114                   | 97200             | 7.81             | 119                   | 93900             | 8.11             | 123                   | 90700             | 8.39             | 128                   | 87400             | 8.66             | 132                   |
|  | 35                    | 94900             | 6.93             | 108                   | 92000             | 7.22             | 112                   | 89000             | 7.50             | 117                   | 86000             | 7.76             | 121                   | 83000             | 8.02             | 126                   | 80000             | 8.27             | 130                   |
|  | 30                    | 86600             | 6.66             | 106                   | 83900             | 6.92             | 110                   | 81200             | 7.17             | 115                   | 78400             | 7.41             | 119                   | 75700             | 7.64             | 124                   | 72900             | 7.86             | 128                   |
|  | 25                    | 78700             | 6.38             | 103                   | 76200             | 6.62             | 108                   | 73700             | 6.84             | 113                   | 71200             | 7.05             | 117                   | 68600             | 7.25             | 122                   | 66000             | 7.44             | 126                   |
|  | 20                    | 71200             | 6.10             | 102                   | 68900             | 6.30             | 106                   | 66600             | 6.50             | 111                   | 64200             | 6.68             | 115                   | 61800             | 6.85             | 120                   | 59400             | 7.01             | 125                   |
|  | 15                    | 64100             | 5.79             | 100                   | 62000             | 5.97             | 104                   | 59800             | 6.14             | 109                   | 57600             | 6.29             | 114                   | 55300             | 6.43             | 118                   | 53000             | 6.56             | 123                   |
| 10                                     | 57400                 | 5.48              | 98               | 55300                 | 5.63              | 102              | 53300                 | 5.76              | 107              | 51200                 | 5.88              | 112              | 49000                 | 6.00              | 116              | 46800                 | 6.10              | 121              |                       |
| 0724VH<br><br>COMPR. MODEL<br>3DA-0750 | 45                    | 137000            | 8.85             | 111                   | 133000            | 9.27             | 115                   | 129000            | 9.68             | 120                   | 125000            | 10.07            | 125                   | 121000            | 10.44            | 129                   | 116000            | 10.81            | 134                   |
|  | 40                    | 126000            | 8.57             | 109                   | 122000            | 8.96             | 113                   | 118000            | 9.33             | 118                   | 114000            | 9.69             | 122                   | 111000            | 10.04            | 127                   | 107000            | 10.38            | 131                   |
|  | 35                    | 115000            | 8.29             | 107                   | 112000            | 8.64             | 111                   | 108000            | 8.99             | 116                   | 105000            | 9.32             | 120                   | 101000            | 9.64             | 125                   | 98000             | 9.95             | 130                   |
|  | 30                    | 105000            | 7.99             | 105                   | 102000            | 8.32             | 109                   | 98800             | 8.63             | 114                   | 95600             | 8.94             | 118                   | 92500             | 9.23             | 123                   | 89500             | 9.51             | 128                   |
|  | 25                    | 95600             | 7.70             | 103                   | 92700             | 7.99             | 107                   | 89900             | 8.28             | 112                   | 87000             | 8.56             | 117                   | 84200             | 8.82             | 121                   | 81400             | 9.08             | 126                   |
|  | 20                    | 86700             | 7.39             | 101                   | 84100             | 7.66             | 105                   | 81400             | 7.92             | 110                   | 78800             | 8.17             | 115                   | 76200             | 8.41             | 120                   | 73700             | 8.64             | 124                   |
|  | 15                    | 78300             | 7.08             | 99                    | 75900             | 7.32             | 104                   | 73500             | 7.56             | 108                   | 71100             | 7.78             | 113                   | 68700             | 8.00             | 118                   | 66400             | 8.20             | 123                   |
| 10                                     | 70500                 | 6.77              | 97               | 68300                 | 6.98              | 102              | 66100                 | 7.19              | 107              | 63900                 | 7.39              | 112              | 61700                 | 7.58              | 116              | 59500                 | 7.77              | 121              |                       |
| 1024VH<br><br>COMPR. MODEL<br>3DB-1000 | 45                    | 158000            | 10.74            | 114                   | 154000            | 11.24            | 118                   | 149000            | 11.73            | 123                   | 144000            | 12.20            | 127                   | 140000            | 12.65            | 131                   | 135000            | 13.08            | 136                   |
|  | 40                    | 146000            | 10.37            | 111                   | 142000            | 10.84            | 116                   | 137000            | 11.29            | 120                   | 133000            | 11.73            | 125                   | 129000            | 12.15            | 129                   | 124000            | 12.55            | 134                   |
|  | 35                    | 134000            | 10.00            | 109                   | 130000            | 10.44            | 113                   | 126000            | 10.85            | 118                   | 122000            | 11.26            | 123                   | 118000            | 11.64            | 127                   | 114000            | 12.02            | 132                   |
|  | 30                    | 123000            | 9.63             | 107                   | 119000            | 10.03            | 111                   | 115000            | 10.41            | 116                   | 112000            | 10.78            | 121                   | 108000            | 11.14            | 125                   | 104000            | 11.48            | 130                   |
|  | 25                    | 112000            | 9.26             | 105                   | 109000            | 9.62             | 109                   | 105000            | 9.97             | 114                   | 102000            | 10.31            | 119                   | 98700             | 10.63            | 123                   | 95300             | 10.94            | 128                   |
|  | 20                    | 102000            | 8.88             | 103                   | 98900             | 9.21             | 107                   | 95800             | 9.53             | 112                   | 92800             | 9.83             | 117                   | 89700             | 10.12            | 121                   | 86600             | 10.40            | 126                   |
|  | 15                    | 92500             | 8.51             | 101                   | 89700             | 8.81             | 106                   | 86900             | 9.09             | 110                   | 84100             | 9.36             | 115                   | 81200             | 9.62             | 120                   | 78400             | 9.87             | 124                   |
| 10                                     | 83600                 | 8.14              | 99               | 81000                 | 8.40              | 104              | 78500                 | 8.65              | 109              | 75900                 | 8.89              | 113              | 73200                 | 9.12              | 118              | 70600                 | 9.34              | 123              |                       |

Capacity data is based on 65° suction gas temperature and 10°F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased approximately 4% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

## HICA AIR-COOLED CONDENSING UNITS — Indoor COPELAND DISCUS COMPRESSORS

### R22 MEDIUM AND HIGH TEMPERATURE (Continued)

| Condensing Unit Model (HICA) | Sat. Suct. Temp. (°F) | 80° Ambient       |                  |                       | 85° Ambient       |                  |                       | 90° Ambient       |                  |                       | 95° Ambient       |                  |                       | 100° Ambient      |                  |                       | 105° Ambient      |                  |                       |
|------------------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|
|                              |                       | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) |
| 1464VH                       | 45                    | 209000            | 14.93            | 114                   | 203000            | 15.56            | 119                   | 196000            | 16.18            | 123                   | 190000            | 16.77            | 128                   | 184000            | 17.35            | 132                   | 178000            | 17.91            | 137                   |
|                              | 40                    | 193000            | 14.38            | 112                   | 187000            | 14.97            | 116                   | 181000            | 15.55            | 121                   | 175000            | 16.11            | 125                   | 170000            | 16.66            | 130                   | 164000            | 17.19            | 135                   |
|                              | 35                    | 177000            | 13.82            | 110                   | 172000            | 14.37            | 114                   | 166000            | 14.92            | 119                   | 161000            | 15.45            | 123                   | 156000            | 15.96            | 128                   | 151000            | 16.46            | 132                   |
|                              | 30                    | 162000            | 13.26            | 107                   | 157000            | 13.77            | 112                   | 152000            | 14.28            | 117                   | 148000            | 14.77            | 121                   | 143000            | 15.25            | 126                   | 139000            | 15.72            | 130                   |
|                              | 25                    | 148000            | 12.69            | 105                   | 144000            | 13.16            | 110                   | 139000            | 13.63            | 115                   | 135000            | 14.09            | 119                   | 131000            | 14.54            | 124                   | 127000            | 14.98            | 129                   |
|                              | 20                    | 135000            | 12.11            | 103                   | 131000            | 12.55            | 108                   | 127000            | 12.98            | 113                   | 123000            | 13.41            | 117                   | 119000            | 13.82            | 122                   | 116000            | 14.24            | 127                   |
| COMPR. MODEL 3DS-1500        | 15                    | 122000            | 11.53            | 101                   | 118000            | 11.93            | 106                   | 115000            | 12.32            | 111                   | 111000            | 12.72            | 115                   | 108000            | 13.10            | 120                   | 105000            | 13.49            | 125                   |
|                              | 10                    | 110000            | 10.94            | 99                    | 107000            | 11.30            | 104                   | 103000            | 11.66            | 109                   | 100000            | 12.02            | 114                   | 97100             | 12.38            | 118                   | 94100             | 12.74            | 123                   |
| 1964VH                       | 45                    | 234000            | 15.78            | 111                   | 227000            | 16.58            | 115                   | 221000            | 17.39            | 120                   | 214000            | 18.20            | 125                   | 208000            | 19.00            | 129                   | 201000            | 19.81            | 134                   |
|                              | 40                    | 214000            | 15.08            | 108                   | 208000            | 15.84            | 113                   | 202000            | 16.59            | 118                   | 196000            | 17.34            | 122                   | 190000            | 18.09            | 127                   | 184000            | 18.84            | 132                   |
|                              | 35                    | 196000            | 14.40            | 106                   | 190000            | 15.09            | 111                   | 185000            | 15.79            | 116                   | 179000            | 16.48            | 120                   | 174000            | 17.17            | 125                   | 168000            | 17.86            | 130                   |
|                              | 30                    | 178000            | 13.74            | 104                   | 173000            | 14.37            | 109                   | 168000            | 15.00            | 114                   | 163000            | 15.63            | 118                   | 158000            | 16.27            | 123                   | 153000            | 16.90            | 128                   |
|                              | 25                    | 162000            | 13.11            | 102                   | 157000            | 13.68            | 107                   | 153000            | 14.25            | 112                   | 148000            | 14.82            | 116                   | 143000            | 15.39            | 121                   | 139000            | 15.96            | 126                   |
|                              | 20                    | 146000            | 12.52            | 100                   | 142000            | 13.03            | 105                   | 138000            | 13.54            | 110                   | 134000            | 14.05            | 115                   | 129000            | 14.56            | 119                   | 125000            | 15.07            | 124                   |
| COMPR. MODEL 4DA-2000        | 15                    | 131000            | 11.97            | 98                    | 128000            | 12.42            | 103                   | 124000            | 12.87            | 108                   | 120000            | 13.32            | 113                   | 116000            | 13.77            | 118                   | 112000            | 14.21            | 122                   |
|                              | 10                    | 118000            | 11.47            | 97                    | 114000            | 11.86            | 102                   | 111000            | 12.25            | 106                   | 107000            | 12.64            | 111                   | 104000            | 13.02            | 116                   | 100000            | 13.41            | 121                   |
| 2504VH                       | 45                    | 303000            | 21.43            | 112                   | 294000            | 22.38            | 117                   | 285000            | 23.33            | 121                   | 276000            | 24.28            | 126                   | 267000            | 25.23            | 130                   | 258000            | 26.18            | 135                   |
|                              | 40                    | 277000            | 20.42            | 110                   | 269000            | 21.31            | 114                   | 261000            | 22.19            | 119                   | 252000            | 23.07            | 123                   | 244000            | 23.95            | 128                   | 235000            | 24.83            | 133                   |
|                              | 35                    | 252000            | 19.43            | 107                   | 245000            | 20.24            | 112                   | 237000            | 21.06            | 117                   | 229000            | 21.87            | 121                   | 222000            | 22.68            | 126                   | 214000            | 23.49            | 130                   |
|                              | 30                    | 229000            | 18.49            | 105                   | 222000            | 19.22            | 110                   | 215000            | 19.96            | 114                   | 208000            | 20.70            | 119                   | 201000            | 21.43            | 124                   | 194000            | 22.17            | 128                   |
|                              | 25                    | 206000            | 17.59            | 103                   | 200000            | 18.25            | 108                   | 194000            | 18.91            | 112                   | 187000            | 19.57            | 117                   | 181000            | 20.23            | 122                   | 175000            | 20.89            | 126                   |
|                              | 20                    | 185000            | 16.75            | 101                   | 179000            | 17.33            | 106                   | 174000            | 17.92            | 110                   | 168000            | 18.50            | 115                   | 162000            | 19.09            | 120                   | 157000            | 19.67            | 124                   |
| COMPR. MODEL 4DH-2500        | 15                    | 165000            | 15.97            | 99                    | 160000            | 16.48            | 104                   | 155000            | 16.99            | 108                   | 150000            | 17.50            | 113                   | 145000            | 18.00            | 118                   | 140000            | 18.51            | 123                   |
|                              | 10                    | 146000            | 15.26            | 97                    | 142000            | 15.69            | 102                   | 137000            | 16.13            | 107                   | 133000            | 16.56            | 111                   | 128000            | 16.99            | 116                   | 124000            | 17.42            | 121                   |

Capacity data is based on 65° suction gas temperature and 10° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased approximately 4% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

## HICA AIR-COOLED CONDENSING UNITS — Indoor COPELAND DISCUS COMPRESSORS

### R502 MEDIUM TEMPERATURE

| Condensing Unit Model (HICA)           | Sat. Suct. Temp. (°F) | 80° Ambient       |                  |                       | 85° Ambient       |                  |                       | 90° Ambient       |                  |                       | 95° Ambient       |                  |                       | 100° Ambient      |                  |                       | 105° Ambient      |                  |                       |
|--|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|
|  |                       | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) |
| 0484RS<br><br>COMPR. MODEL<br>2DC-0500 | 25                    | 50900             | 3.96             | 102                   | 48800             | 4.09             | 106                   | 46800             | 4.22             | 111                   | 44800             | 4.34             | 115                   | 42700             | 4.46             | 120                   | 40700             | 4.56             | 124                   |
|  | 20                    | 46200             | 3.81             | 100                   | 44300             | 3.93             | 105                   | 42500             | 4.04             | 109                   | 40600             | 4.15             | 114                   | 38800             | 4.26             | 118                   | 37000             | 4.36             | 123                   |
|  | 15                    | 41800             | 3.65             | 98                    | 40100             | 3.76             | 103                   | 38400             | 3.86             | 107                   | 36700             | 3.96             | 112                   | 35100             | 4.06             | 117                   | 33400             | 4.15             | 121                   |
|  | 10                    | 37600             | 3.49             | 97                    | 36100             | 3.59             | 101                   | 34600             | 3.68             | 106                   | 33100             | 3.77             | 111                   | 31500             | 3.85             | 115                   | 30100             | 3.93             | 120                   |
|  | 5                     | 33700             | 3.33             | 95                    | 32300             | 3.41             | 100                   | 30900             | 3.49             | 105                   | 29600             | 3.57             | 109                   | 28200             | 3.65             | 114                   | 26900             | 3.72             | 118                   |
|  | 0                     | 30100             | 3.16             | 94                    | 28800             | 3.23             | 99                    | 27500             | 3.31             | 103                   | 26300             | 3.37             | 108                   | 25100             | 3.44             | 113                   | 23900             | 3.50             | 117                   |
| 0494RS<br><br>COMPR. MODEL<br>2DD-0500 | 25                    | 59500             | 4.61             | 101                   | 57100             | 4.76             | 106                   | 54700             | 4.91             | 110                   | 52200             | 5.04             | 115                   | 49800             | 5.16             | 119                   | 47500             | 5.28             | 123                   |
|  | 20                    | 54000             | 4.42             | 99                    | 51800             | 4.56             | 104                   | 49600             | 4.69             | 108                   | 47400             | 4.81             | 113                   | 45200             | 4.93             | 118                   | 43100             | 5.03             | 122                   |
|  | 15                    | 48800             | 4.23             | 98                    | 46800             | 4.36             | 102                   | 44800             | 4.47             | 107                   | 42800             | 4.58             | 111                   | 40900             | 4.69             | 116                   | 39000             | 4.78             | 121                   |
|  | 10                    | 43900             | 4.03             | 96                    | 42100             | 4.15             | 101                   | 40300             | 4.25             | 105                   | 38600             | 4.35             | 110                   | 36800             | 4.45             | 115                   | 35100             | 4.53             | 119                   |
|  | 5                     | 39400             | 3.83             | 95                    | 37800             | 3.94             | 99                    | 36200             | 4.03             | 104                   | 34600             | 4.12             | 109                   | 33100             | 4.21             | 113                   | 31500             | 4.28             | 118                   |
|  | 0                     | 35200             | 3.63             | 93                    | 33800             | 3.72             | 98                    | 32300             | 3.81             | 103                   | 31000             | 3.89             | 107                   | 29600             | 3.97             | 112                   | 28200             | 4.04             | 117                   |
| 0654RS<br><br>COMPR. MODEL<br>2DL-0750 | 25                    | 71200             | 5.99             | 106                   | 68400             | 6.18             | 110                   | 65600             | 6.36             | 115                   | 62900             | 6.54             | 119                   | 60100             | 6.70             | 123                   | 57400             | 6.85             | 128                   |
|  | 20                    | 65000             | 5.73             | 104                   | 62400             | 5.90             | 108                   | 59800             | 6.06             | 113                   | 57200             | 6.22             | 117                   | 54700             | 6.36             | 122                   | 52200             | 6.50             | 126                   |
|  | 15                    | 59300             | 5.48             | 102                   | 56800             | 5.64             | 106                   | 54500             | 5.78             | 111                   | 52100             | 5.92             | 115                   | 49800             | 6.05             | 120                   | 47500             | 6.17             | 124                   |
|  | 10                    | 53900             | 5.24             | 100                   | 51700             | 5.38             | 105                   | 49500             | 5.51             | 109                   | 47400             | 5.64             | 114                   | 45300             | 5.75             | 118                   | 43200             | 5.87             | 123                   |
|  | 5                     | 48800             | 4.99             | 99                    | 46800             | 5.12             | 103                   | 44800             | 5.24             | 108                   | 42900             | 5.35             | 112                   | 41000             | 5.46             | 117                   | 39200             | 5.57             | 121                   |
|  | 0                     | 43900             | 4.73             | 97                    | 42100             | 4.84             | 102                   | 40300             | 4.96             | 106                   | 38500             | 5.07             | 111                   | 36900             | 5.17             | 115                   | 35200             | 5.27             | 120                   |
| 0714RS<br><br>COMPR. MODEL<br>2DA-0750 | 25                    | 82200             | 6.81             | 104                   | 79000             | 7.03             | 109                   | 75800             | 7.23             | 113                   | 72700             | 7.43             | 118                   | 69500             | 7.62             | 122                   | 66300             | 7.80             | 126                   |
|  | 20                    | 75200             | 6.54             | 102                   | 72200             | 6.74             | 107                   | 69300             | 6.93             | 111                   | 66400             | 7.11             | 116                   | 63500             | 7.28             | 120                   | 60600             | 7.43             | 125                   |
|  | 15                    | 68500             | 6.28             | 101                   | 65900             | 6.46             | 105                   | 63200             | 6.63             | 110                   | 60600             | 6.79             | 114                   | 57900             | 6.94             | 119                   | 55300             | 7.08             | 123                   |
|  | 10                    | 62300             | 6.00             | 99                    | 59900             | 6.17             | 104                   | 57500             | 6.32             | 108                   | 55100             | 6.46             | 113                   | 52700             | 6.60             | 117                   | 50300             | 6.72             | 122                   |
|  | 5                     | 56400             | 5.72             | 98                    | 54200             | 5.87             | 102                   | 52000             | 6.01             | 107                   | 49900             | 6.13             | 111                   | 47700             | 6.25             | 116                   | 45500             | 6.36             | 121                   |
|  | 0                     | 50700             | 5.42             | 96                    | 48800             | 5.56             | 101                   | 46800             | 5.68             | 105                   | 44800             | 5.79             | 110                   | 42800             | 5.90             | 115                   | 40800             | 5.99             | 119                   |
| 0724RS<br><br>COMPR. MODEL<br>3DA-0750 | 25                    | 99000             | 8.18             | 103                   | 95300             | 8.45             | 108                   | 91700             | 8.71             | 112                   | 88100             | 8.97             | 117                   | 84600             | 9.22             | 121                   | 81100             | 9.46             | 126                   |
|  | 20                    | 90400             | 7.88             | 101                   | 87100             | 8.12             | 106                   | 83800             | 8.36             | 111                   | 80500             | 8.60             | 115                   | 77300             | 8.82             | 120                   | 74200             | 9.04             | 124                   |
|  | 15                    | 82300             | 7.56             | 100                   | 79300             | 7.78             | 104                   | 76300             | 8.00             | 109                   | 73300             | 8.21             | 114                   | 70400             | 8.42             | 118                   | 67600             | 8.62             | 123                   |
|  | 10                    | 74700             | 7.24             | 98                    | 71900             | 7.43             | 103                   | 69200             | 7.63             | 107                   | 66500             | 7.82             | 112                   | 63900             | 8.01             | 117                   | 61300             | 8.19             | 121                   |
|  | 5                     | 67400             | 6.90             | 97                    | 64900             | 7.08             | 101                   | 62400             | 7.25             | 106                   | 60000             | 7.42             | 111                   | 57700             | 7.59             | 115                   | 55400             | 7.75             | 120                   |
|  | 0                     | 60600             | 6.56             | 95                    | 58300             | 6.71             | 100                   | 56100             | 6.86             | 105                   | 53900             | 7.01             | 109                   | 51800             | 7.16             | 114                   | 49700             | 7.31             | 119                   |
| 1054RS<br><br>COMPR. MODEL<br>3DB-1000 | 25                    | 116000            | 9.86             | 105                   | 111000            | 10.18            | 110                   | 107000            | 10.49            | 114                   | 103000            | 10.80            | 119                   | 98600             | 11.09            | 123                   | 94500             | 11.38            | 128                   |
|  | 20                    | 106000            | 9.44             | 103                   | 102000            | 9.73             | 108                   | 98000             | 10.02            | 112                   | 94100             | 10.30            | 117                   | 90300             | 10.58            | 122                   | 86600             | 10.84            | 126                   |
|  | 15                    | 96600             | 9.00             | 102                   | 92900             | 9.28             | 106                   | 89300             | 9.54             | 111                   | 85800             | 9.80             | 115                   | 82400             | 10.05            | 120                   | 79000             | 10.29            | 124                   |
|  | 10                    | 87700             | 8.56             | 100                   | 84400             | 8.81             | 104                   | 81200             | 9.05             | 109                   | 78000             | 9.28             | 114                   | 74800             | 9.51             | 118                   | 71800             | 9.73             | 123                   |
|  | 5                     | 79300             | 8.11             | 98                    | 76300             | 8.33             | 103                   | 73400             | 8.55             | 107                   | 70500             | 8.76             | 112                   | 67700             | 8.97             | 117                   | 64900             | 9.17             | 121                   |
|  | 0                     | 71400             | 7.65             | 97                    | 68700             | 7.85             | 101                   | 66000             | 8.04             | 106                   | 63400             | 8.23             | 111                   | 60800             | 8.42             | 115                   | 58300             | 8.61             | 120                   |
| 1464RS<br><br>COMPR. MODEL<br>3DS-1500 | 25                    | 154000            | 13.65            | 106                   | 148000            | 14.09            | 111                   | 142000            | 14.51            | 115                   | 137000            | 14.93            | 119                   | 131000            | 15.33            | 124                   | 126000            | 15.72            | 128                   |
|  | 20                    | 141000            | 13.08            | 104                   | 136000            | 13.48            | 109                   | 130000            | 13.87            | 113                   | 125000            | 14.25            | 118                   | 120000            | 14.61            | 122                   | 115000            | 14.97            | 127                   |
|  | 15                    | 129000            | 12.50            | 102                   | 124000            | 12.86            | 107                   | 119000            | 13.21            | 111                   | 115000            | 13.56            | 116                   | 110000            | 13.89            | 121                   | 106000            | 14.21            | 125                   |
|  | 10                    | 117000            | 11.91            | 101                   | 113000            | 12.23            | 105                   | 109000            | 12.55            | 110                   | 105000            | 12.85            | 114                   | 100000            | 13.15            | 119                   | 96300             | 13.44            | 124                   |
|  | 5                     | 106000            | 11.31            | 99                    | 102000            | 11.59            | 104                   | 98600             | 11.87            | 108                   | 94800             | 12.14            | 113                   | 91100             | 12.41            | 117                   | 87400             | 12.67            | 122                   |
|  | 0                     | 96100             | 10.70            | 97                    | 92600             | 10.94            | 102                   | 89100             | 11.19            | 107                   | 85600             | 11.43            | 111                   | 82200             | 11.67            | 116                   | 78900             | 11.90            | 121                   |
| 1964RS<br><br>COMPR. MODEL<br>4DA-2000 | 25                    | 169000            | 14.59            | 103                   | 163000            | 15.06            | 108                   | 158000            | 15.53            | 112                   | 152000            | 15.99            | 117                   | 146000            | 16.46            | 121                   | 140000            | 16.93            | 126                   |
|  | 20                    | 154000            | 13.97            | 101                   | 149000            | 14.41            | 106                   | 144000            | 14.85            | 111                   | 138000            | 15.28            | 115                   | 133000            | 15.72            | 120                   | 128000            | 16.16            | 124                   |
|  | 15                    | 140000            | 13.33            | 100                   | 136000            | 13.73            | 104                   | 131000            | 14.14            | 109                   | 126000            | 14.54            | 114                   | 121000            | 14.95            | 118                   | 116000            | 15.35            | 123                   |
|  | 10                    | 127000            | 12.68            | 98                    | 123000            | 13.05            | 103                   | 118000            | 13.42            | 107                   | 114000            | 13.79            | 112                   | 109000            | 14.16            | 117                   | 105000            | 14.52            | 121                   |
|  | 5                     | 115000            | 12.04            | 97                    | 111000            | 12.37            | 101                   | 107000            | 12.70            | 106                   | 102000            | 13.03            | 111                   | 98300             | 13.37            | 115                   | 94100             | 13.70            | 120                   |
|  | 0                     | 103000            | 11.42            | 95                    | 99600             | 11.71            | 100                   | 95800             | 12.00            | 105                   | 91900             | 12.30            | 109                   | 88100             | 12.59            | 114                   | 84200             | 12.88            | 119                   |

Capacity data is based on 65° suction gas temperature and 10°F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased approximately 6% for each additional 10° of liquid sub-cooling. Use of a suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

## HICA AIR-COOLED CONDENSING UNITS — Indoor COPELAND DISCUS COMPRESSORS

### R502 MEDIUM TEMPERATURE (Continued)

| Condensing Unit Model (HICA) | Sat. Suct. Temp. (°F) | 80° Ambient       |                  |                       | 85° Ambient       |                  |                       | 90° Ambient       |                  |                       | 95° Ambient       |                  |                       | 100° Ambient      |                  |                       | 105° Ambient      |                  |                       |
|------------------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------------|
|                              |                       | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) | Capacity (btu/hr) | Comp. Power (kw) | Sat. Cond. Temp. (°F) |
| 2504RS                       | 25                    | 220000            | 19.69            | 104                   | 212000            | 20.25            | 109                   | 203000            | 20.81            | 113                   | 195000            | 21.36            | 118                   | 186000            | 21.92            | 122                   | 178000            | 22.48            | 127                   |
|                              | 20                    | 201000            | 18.81            | 102                   | 193000            | 19.32            | 107                   | 185000            | 19.84            | 111                   | 177000            | 20.35            | 116                   | 170000            | 20.86            | 120                   | 162000            | 21.38            | 125                   |
|                              | 15                    | 182000            | 17.91            | 101                   | 175000            | 18.38            | 105                   | 168000            | 18.84            | 110                   | 161000            | 19.31            | 114                   | 154000            | 19.77            | 119                   | 147000            | 20.24            | 123                   |
| COMPR. MODEL 4DH-2500        | 10                    | 165000            | 17.01            | 99                    | 159000            | 17.43            | 104                   | 152000            | 17.84            | 108                   | 146000            | 18.26            | 113                   | 139000            | 18.68            | 117                   | 133000            | 19.10            | 122                   |
|                              | 5                     | 149000            | 16.13            | 97                    | 143000            | 16.49            | 102                   | 137000            | 16.86            | 107                   | 131000            | 17.23            | 111                   | 125000            | 17.59            | 116                   | 120000            | 17.96            | 120                   |
|                              | 0                     | 134000            | 15.27            | 96                    | 128000            | 15.59            | 100                   | 123000            | 15.90            | 105                   | 118000            | 16.22            | 110                   | 113000            | 16.53            | 114                   | 107000            | 16.84            | 119                   |

Capacity data is based on 65° suction gas temperature and 10°F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased approximately 6% for each additional 10° of liquid sub-cooling. Use of a suction heat exchanger installed at the refrigerator's tubing outlet is recommended.





**ACCESSORY DATA — HICA INDOOR COPELAND DISCUS UNITS**

| Unit Model<br>HICA Copeland Discus | Current Sensing<br>Relay | *Suction Line<br>Vibration Eliminator | Suction Line<br>Vibration Eliminator | *Suction Line Filter | *Suction Line<br>Accumulator | *Motor Contactor In<br>Enclosure (208-230V) | Drier/Sightglass | Drier/Sightglass ALCO | PE Heat Reclaim (1) | Heat Reclaim<br>Spotlan Valve (1) | Fan Cycling<br>Pressure Control (1) | Crankcase Heater | Liquid Line<br>Solenoid ALCO | *Liquid Line Solenoid | Ball Bearing Cond. Fans | Oversize<br>Receiver<br>Kits |                      | *Drier/<br>Sightglass     |                      |                      | Removable<br>Core Drier<br>Kits |                      | Shipping<br>Crate |
|------------------------------------|--------------------------|---------------------------------------|--------------------------------------|----------------------|------------------------------|---|------------------|-----------------------|---------------------|-----------------------------------|-------------------------------------|------------------|------------------------------|-----------------------|-------------------------|------------------------------|----------------------|---------------------------|----------------------|----------------------|---------------------------------|----------------------|-------------------|
|                                    |                          |                                       |                                      |                      |                              |   |                  |                       |                     |                                   |                                     |                  |                              |                       |                         | Receiver                     | Drier/<br>Sightglass | Drier/<br>Sightglass ALCO | Standard<br>Receiver | Oversize<br>Receiver | Standard<br>Receiver            | Oversize<br>Receiver |                   |

\*Field Installed

**R12 MEDIUM TEMPERATURE — FS**

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0444 | 25DD | 56DA | 68EG | 67DM | 29DD | 65DV | 44EG | 03FB | 35EG | 54EG | 12FA | 99EC | 24FC | 48DV | 19EG | 03EG | 75EG | 08FB | 64ES | 65ES | 45EJ | 46EJ | 26EG |
| 0504 | 25DD | 56DA | 68EG | 67DM | 29DD | 65DV | 44EG | 03FB | 35EG | 54EG | 72EE | 99EC | 24FC | 48DV | 19EG | 03EG | 75EG | 08FB | 64ES | 65ES | 45EJ | 46EJ | 26EG |
| 0534 | 25DD | 56DA | 68EG | 67DM | 29DD | 65DV | 44EG | 03FB | 35EG | 54EG | 72EE | 99EC | 24FC | 48DV | 19EG | 03EG | 75EG | 08FB | 64ES | 65ES | 45EJ | 46EJ | 26EG |
| 0544 | 25DD | 56DA | 70EG | 67DM | 29DD | 65DV | 44EG | 03FB | 36EG | 55EG | 72EE | 23DB | 24FC | 48DV | 19EG | 04EG | 46EG | 06FB | 64ES | 65ES | 46EJ | 46EJ | 26EG |
| 0744 | 25DD | 56DA | 70EG | 67DM | 29DD | 66DV | 45EG | 05FB | 37EG | 56EG | 72EE | 23DB | 27FC | 48DV | 19EG | 04EG | 46EG | 06FB | 65ES | 66ES | 46EJ | 46EJ | 26EG |
| 0914 | 25DD | 56DA | 70EG | 67DM | 29DD | 66DV | 45EG | 05FB | 37EG | 56EG | 72EE | 23DB | 27FC | 48DV | 20EG | 04EG | 46EG | 06FB | 65ES | 66ES | 46EJ | 46EJ | 26EG |
| 0944 | 25DD | 56DA | 70EG | 67DM | 29DD | 66DV | 45EG | 05FB | 38EG | 57EG | 72EE | 23DB | 98FC | 48DV | 19EG | 04EG | 46EG | 06FB | 65ES | 66ES | 46EJ | 46EJ | 26EG |
| 1344 | —    | 57DA | 72EG | 68DM | 96DC | 67DV | 45EG | 05FB | 38EG | 57EG | 72EE | 24DB | 98FC | 49DV | 20EG | 04EG | 46EG | 06FB | 62ES | 63ES | 46EJ | 46EJ | 26EG |
| 1534 | —    | 57DA | 72EG | 68DM | 96DC | 68DV | 46EG | 06FB | 39EG | 58EG | 72EE | 24DB | 99FC | 49DV | 23EG | 05EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |
| 2014 | —    | 58DA | 73EG | 69DM | 50FC | 68DV | 46EG | 06FB | 39EG | 58EG | 72EE | 24DB | 99FC | 49DV | 21EG | 05EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |
| 2314 | —    | 58DA | 73EG | 69DM | 50FC | 68DV | 46EG | 06FB | 40EG | 60EG | 72EE | 24DB | 99FC | 49DV | 21EG | 06EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |

**R22 MEDIUM/HIGH TEMPERATURE — VS, VH**

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0484 | 25DD | 56DA | 68EG | 67DM | 29DD | 66DV | 44EG | 03FB | 35EG | 54EG | 72EE | 99EC | 24FC | 48DV | 19EG | 03EG | 75EG | 08FB | 64ES | 65ES | 45EJ | 46EJ | 26EG |
| 0494 | 25DD | 56DA | 68EG | 67DM | 29DD | 66DV | 44EG | 03FB | 35EG | 54EG | 72EE | 99EC | 24FC | 48DV | 19EG | 03EG | 75EG | 08FB | 64ES | 65ES | 45EJ | 46EJ | 26EG |
| 0654 | 25DD | 56DA | 68EG | 67DM | 29DD | 66DV | 45EG | 05FB | 37EG | 56EG | 72EE | 99EC | 27FC | 48DV | 19EG | 04EG | 46EG | 06FB | 65ES | 66ES | 46EJ | 46EJ | 26EG |
| 0704 | 25DD | 56DA | 68EG | 67DM | 29DD | 66DV | 45EG | 05FB | 37EG | 56EG | 72EE | 99EC | 27FC | 48DV | 19EG | 04EG | 46EG | 06FB | 65ES | 66ES | 46EJ | 46EJ | 26EG |
| 0724 | 25DD | 56DA | 70EG | 67DM | 29DD | 66DV | 45EG | 05FB | 38EG | 57EG | 72EE | 23DB | 27FC | 48DV | 18EG | 04EG | 46EG | 06FB | 65ES | 66ES | 46EJ | 46EJ | 26EG |
| 1024 | —    | 56DA | 70EG | 67DM | 29DD | 67DV | 45EG | 05FB | 38EG | 57EG | 72EE | 23DB | 98FC | 49DV | 20EG | 04EG | 46EG | 06FB | 62ES | 63ES | 46EJ | 46EJ | 26EG |
| 1464 | —    | 57DA | 72EG | 68DM | 96DC | 68DV | 46EG | 06FB | 39EG | 58EG | 72EE | 23DB | 99FC | 49DV | 21EG | 05EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |
| 1964 | —    | 57DA | 72EG | 68DM | 96DC | 68DV | 46EG | 06FB | 39EG | 58EG | 72EE | 24DB | 99FC | 49DV | 21EG | 05EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |
| 2504 | —    | 58DA | 73EG | 69DM | 50FC | 69DV | 46EG | 06FB | 40EG | 59EG | 72EE | 24DB | 99FC | 49DV | 21EG | 06EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |

**R502 MEDIUM TEMPERATURE — RS**

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0484 | 25DD | 56DA | 68EG | 67DM | 29DD | 66DV | 44EG | 03FB | 35EG | 54EG | 72EE | 99EC | 24FC | 48DV | 19EG | 03EG | 75EG | 08FB | 64ES | 65ES | 45EJ | 46EJ | 26EG |
| 0494 | 25DD | 56DA | 68EG | 67DM | 29DD | 66DV | 44EG | 03FB | 35EG | 54EG | 72EE | 99EC | 24FC | 48DV | 19EG | 03EG | 75EG | 08FB | 64ES | 65ES | 45EJ | 46EJ | 26EG |
| 0654 | 25DD | 56DA | 68EG | 67DM | 29DD | 66DV | 45EG | 05FB | 37EG | 56EG | 72EE | 99EC | 27FC | 48DV | 19EG | 04EG | 46EG | 06FB | 65ES | 66ES | 46EJ | 46EJ | 26EG |
| 0714 | 25DD | 56DA | 68EG | 67DM | 29DD | 66DV | 45EG | 05FB | 37EG | 56EG | 72EE | 99EC | 27FC | 48DV | 19EG | 04EG | 46EG | 06FB | 65ES | 66ES | 46EJ | 46EJ | 26EG |
| 0724 | 25DD | 56DA | 70EG | 67DM | 29DD | 66DV | 45EG | 05FB | 38EG | 57EG | 72EE | 23DB | 98FC | 48DV | 18EG | 04EG | 46EG | 06FB | 65ES | 66ES | 46EJ | 46EJ | 26EG |
| 1054 | —    | 56DA | 70EG | 67DM | 29DD | 67DV | 45EG | 05FB | 38EG | 57EG | 72EE | 23DB | 98FC | 49DV | 20EG | 04EG | 46EG | 06FB | 62ES | 63ES | 46EJ | 46EJ | 26EG |
| 1464 | —    | 57DA | 72EG | 68DM | 96DC | 68DV | 46EG | 06FB | 39EG | 58EG | 72EE | 23DB | 99FC | 49DV | 21EG | 05EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |
| 1964 | —    | 57DA | 72EG | 68DM | 96DC | 68DV | 46EG | 06FB | 39EG | 58EG | 72EE | 24DB | 99FC | 49DV | 21EG | 05EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |
| 2504 | —    | 58DA | 73EG | 69DM | 50FC | 69DV | 46EG | 06FB | 40EG | 59EG | 72EE | 24DB | 99FC | 49DV | 21EG | 06EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |

**R502 LOW TEMPERATURE — RL**

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0304 | 25DD | 56DA | 68EG | 67DM | 29DD | 65DV | 43EG | 02FB | 35EG | 54EG | 11FA | 99EC | 23FC | 48DV | 18EG | 03EG | 75EG | 09FB | 64ES | 65ES | 40EJ | 41EJ | 26EG |
| 0404 | 25DD | 56DA | 68EG | 67DM | 29DD | 65DV | 44EG | 03FB | 35EG | 54EG | 71EE | 99EC | 24FC | 48DV | 19EG | 03EG | 75EG | 08FB | 64ES | 65ES | 45EJ | 46EJ | 26EG |
| 0504 | 25DD | 56DA | 68EG | 67DM | 29DD | 65DV | 44EG | 03FB | 35EG | 54EG | 71EE | 99EC | 24FC | 48DV | 19EG | 03EG | 75EG | 08FB | 64ES | 65ES | 45EJ | 46EJ | 26EG |
| 0524 | 25DD | 56DA | 68EG | 67DM | 29DD | 65DV | 44EG | 03FB | 35EG | 54EG | 71EE | 99EC | 24FC | 48DV | 19EG | 03EG | 75EG | 08FB | 64ES | 65ES | 45EJ | 46EJ | 26EG |
| 0604 | 25DD | 56DA | 70EG | 67DM | 29DD | 66DV | 45EG | 05FB | 37EG | 56EG | 71EE | 23DB | 24FC | 48DV | 19EG | 04EG | 46EG | 06FB | 64ES | 65ES | 46EJ | 46EJ | 26EG |
| 0734 | 25DD | 56DA | 70EG | 67DM | 29DD | 66DV | 45EG | 05FB | 37EG | 56EG | 71EE | 23DB | 27FC | 48DV | 19EG | 04EG | 46EG | 06FB | 65ES | 66ES | 46EJ | 46EJ | 26EG |
| 0934 | 25DD | 56DA | 70EG | 67DM | 29DD | 67DV | 45EG | 05FB | 37EG | 56EG | 71EE | 23DB | 98FC | 49DV | 20EG | 04EG | 46EG | 06FB | 62ES | 63ES | 46EJ | 46EJ | 26EG |
| 1064 | 25DD | 56DA | 70EG | 67DM | 29DD | 67DV | 45EG | 05FB | 38EG | 57EG | 71EE | 23DB | 98FC | 49DV | 20EG | 04EG | 46EG | 06FB | 62ES | 63ES | 46EJ | 46EJ | 26EG |
| 1314 | —    | 57DA | 72EG | 68DM | 96DC | 67DV | 45EG | 06FB | 38EG | 57EG | 71EE | 24DB | 98FC | 49DV | 20EG | 04EG | 46EG | 06FB | 62ES | 63ES | 46EJ | 46EJ | 26EG |
| 1514 | —    | 57DA | 73EG | 68DM | 96DC | 68DV | 46EG | 06FB | 39EG | 58EG | 71EE | 24DB | 99FC | 49DV | 23EG | 05EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |
| 2204 | —    | 58DA | 73EG | 69DM | 50FC | 69DV | 46EG | 06FB | 39EG | 58EG | 71EE | 24DB | 99FC | 49DV | 21EG | 05EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |
| 2704 | —    | 58DA | 73EG | 69DM | 50FC | 69DV | 46EG | 06FB | 40EG | 59EG | 71EE | 24DB | 99FC | 49DV | 21EG | 06EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |
| 3014 | —    | 58DA | 73EG | 69DM | 50FC | 69DV | 46EG | 06FB | 40EG | 59EG | 71EE | 24DB | 99FC | 49DV | 21EG | 06EG | 61EG | 07FB | 63ES | 68ES | 46EJ | 46EJ | 28EG |

NOTE:  
1. When heat reclaim is selected, fan cycling control must also be specified.