

# MAX OUTPUT\*

**LEGEND:** W - Watts  
DB - Dry Bulb  
TC - Total Capacity  
SC - Total Capacity  
SHR - Sensible Heat Ratio  
COP - Coefficient of Performance

| EXTENDED RATINGS            |       |       |                        | DHH12ESK3IL, DXH12ESK3IL Indoor / Outdoor |                 |            |          |                 |            |          |                 |            |          |
|-----------------------------|-------|-------|------------------------|-------------------------------------------|-----------------|------------|----------|-----------------|------------|----------|-----------------|------------|----------|
| HEATING PERFORMANCE         |       |       |                        |                                           |                 |            |          |                 |            |          |                 |            |          |
| Outdoor Ambient Temperature |       |       | Return Air Temperature |                                           |                 |            |          |                 |            |          |                 |            |          |
|                             |       |       | 70°F (DB)              |                                           |                 | 75°F (DB)  |          |                 | 80°F (DB)  |          |                 | 90°F (DB)  |          |
|                             |       |       | TC (Btu/h)             | COP(W/W)                                  | Power Input (W) | TC (Btu/h) | COP(W/W) | Power Input (W) | TC (Btu/h) | COP(W/W) | Power Input (W) | TC (Btu/h) | COP(W/W) |
| MAX OUTPUT*                 | DB    | WB    |                        |                                           |                 |            |          |                 |            |          |                 |            |          |
|                             | -22°F |       | 7592                   | 1.79                                      | 1245            | 7300       | 1.68     | 1270            | 7008       | 1.58     | 1296            | 6716       | 1.49     |
|                             | -20°F |       | 7811                   | 1.82                                      | 1258            | 7519       | 1.72     | 1283            | 7227       | 1.62     | 1309            | 6935       | 1.52     |
|                             | -15°F |       | 8030                   | 1.85                                      | 1271            | 7738       | 1.75     | 1296            | 7446       | 1.65     | 1322            | 7154       | 1.55     |
|                             | -10°F |       | 8249                   | 1.88                                      | 1284            | 7957       | 1.78     | 1309            | 7665       | 1.68     | 1336            | 7373       | 1.59     |
|                             | -5°F  |       | 8468                   | 1.91                                      | 1297            | 8176       | 1.81     | 1323            | 7884       | 1.71     | 1349            | 7592       | 1.62     |
|                             | 0°F   |       | 8614                   | 1.91                                      | 1323            | 8322       | 1.81     | 1350            | 8030       | 1.71     | 1377            | 7738       | 1.62     |
|                             | 5°F   |       | 9052                   | 1.96                                      | 1350            | 8760       | 1.86     | 1377            | 8468       | 1.77     | 1405            | 8176       | 1.67     |
|                             | 10°F  |       | 9490                   | 2.02                                      | 1378            | 9198       | 1.92     | 1405            | 8906       | 1.82     | 1433            | 8614       | 1.73     |
|                             | 15°F  |       | 9928                   | 2.09                                      | 1392            | 9928       | 2.05     | 1420            | 9636       | 1.95     | 1448            | 9344       | 1.85     |
|                             | 17°F  |       | 10366                  | 2.16                                      | 1406            | 10658      | 2.18     | 1434            | 10366      | 2.08     | 1463            | 10074      | 1.98     |
|                             | 20°F  |       | 10512                  | 2.15                                      | 1435            | 10220      | 2.05     | 1463            | 9928       | 1.95     | 1493            | 9636       | 1.86     |
|                             | 25°F  |       | 11242                  | 2.25                                      | 1464            | 10950      | 2.15     | 1493            | 10658      | 2.05     | 1523            | 10366      | 1.96     |
|                             | 30°F  |       | 11461                  | 2.34                                      | 1437            | 11169      | 2.23     | 1466            | 10877      | 2.13     | 1495            | 10585      | 2.03     |
|                             | 35°F  |       | 11680                  | 2.43                                      | 1410            | 11388      | 2.32     | 1438            | 11096      | 2.22     | 1467            | 10804      | 2.12     |
|                             | 40°F  |       | 13140                  | 2.99                                      | 1290            | 12848      | 2.86     | 1316            | 12556      | 2.74     | 1342            | 12264      | 2.63     |
|                             | 45°F  |       | 13578                  | 3.02                                      | 1316            | 13286      | 2.90     | 1342            | 12994      | 2.78     | 1369            | 12702      | 2.66     |
|                             | 47°F  |       | 14600                  | 3.19                                      | 1343            | 14308      | 3.06     | 1370            | 14016      | 2.94     | 1397            | 13724      | 2.82     |
|                             | 50°F  |       | 14454                  | 3.14                                      | 1350            | 14162      | 3.01     | 1377            | 13870      | 2.89     | 1404            | 13578      | 2.78     |
|                             | 55°F  |       | 14308                  | 3.09                                      | 1356            | 14016      | 2.97     | 1384            | 13724      | 2.85     | 1411            | 13432      | 2.74     |
| 60°F                        |       | 14162 | 3.03                   | 1370                                      | 13870           | 2.91       | 1397     | 13578           | 2.79       | 1425     | 13286           | 2.68       |          |
| 65°F                        |       | 13870 | 3.09                   | 1316                                      | 13578           | 2.97       | 1342     | 13286           | 2.84       | 1369     | 12994           | 2.73       |          |
| 70°F                        |       | 13724 | 3.07                   | 1309                                      | 13432           | 2.95       | 1336     | 13140           | 2.83       | 1362     | 12848           | 2.71       |          |
| 75°F                        |       | 13578 | 3.05                   | 1303                                      | 13286           | 2.93       | 1329     | 12994           | 2.81       | 1355     | 12702           | 2.69       |          |
| 80°F                        |       | 12410 | 2.88                   | 1262                                      | 12118           | 2.76       | 1288     | 11826           | 2.64       | 1313     | 11534           | 2.52       |          |
| 86°F                        |       | 10950 | 2.60                   | 1236                                      | 10658           | 2.48       | 1260     | 10366           | 2.36       | 1285     | 10074           | 2.25       |          |

\*Maximum Output values are not based on AHRI test conditions

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