

| ULTIMA 2 HLT216MONO3S heating performance data (defrost included) |                              |                      |                     |                                  |                       |            |
|-------------------------------------------------------------------|------------------------------|----------------------|---------------------|----------------------------------|-----------------------|------------|
| SCOP (35°C) - 5.35                                                |                              |                      |                     |                                  |                       |            |
| Ambient temperature, °C                                           | Water Outlet Temperature, °C | Compressor Speed, Hz | Heating Capacity, W | Input Power (with water pump), W | COP (with water pump) | Note       |
| DB35/WB24                                                         | 50.0                         | 32                   | 13143               | 1879                             | 6.99                  |            |
| DB20/WB15                                                         | 70.0                         | 48                   | 12535               | 4589                             | 2.73                  |            |
|                                                                   |                              | 32                   | 8557                | 3096                             | 2.76                  |            |
| DB12/WB11                                                         | 70.0                         | 55                   | 12371               | 5193                             | 2.38                  |            |
|                                                                   |                              | 39                   | 8191                | 3723                             | 2.20                  |            |
|                                                                   |                              | 20                   | 2857                | 2035                             | 1.40                  |            |
|                                                                   | 55.0                         | 55                   | 14786               | 4001                             | 3.70                  |            |
|                                                                   |                              | 39                   | 10461               | 2858                             | 3.66                  |            |
|                                                                   |                              | 20                   | 5243                | 1506                             | 3.48                  |            |
|                                                                   | 45.0                         | 55                   | 15500               | 3330                             | 4.65                  |            |
|                                                                   |                              | 39                   | 10937               | 2349                             | 4.66                  |            |
|                                                                   |                              | 20                   | 5461                | 1207                             | 4.52                  |            |
|                                                                   | 35.0                         | 55                   | 15935               | 2699                             | 5.90                  |            |
|                                                                   |                              | 39                   | 11498               | 1878                             | 6.12                  |            |
|                                                                   |                              | 20                   | 5966                | 925                              | 6.45                  |            |
| DB7/WB6                                                           | 70.0                         | 39                   | 5800                | 3385                             | 1.71                  |            |
|                                                                   |                              | 20                   | 1787                | 2010                             | 0.89                  |            |
|                                                                   | 55.0                         | 61                   | 14545               | 4485                             | 3.24                  |            |
|                                                                   |                              | 55                   | 13034               | 3970                             | 3.28                  |            |
|                                                                   |                              | 20                   | 4568                | 1496                             | 3.05                  |            |
|                                                                   | 45.0                         | 61                   | 15212               | 3801                             | 4.00                  |            |
|                                                                   |                              | 55                   | 13730               | 3353                             | 4.09                  |            |
|                                                                   |                              | 20                   | 4909                | 1220                             | 4.02                  |            |
|                                                                   | 35.0                         | 61                   | 15863               | 3241                             | 4.90                  |            |
|                                                                   |                              | 55                   | 14332               | 2780                             | 5.16                  |            |
|                                                                   |                              | 20                   | 5329                | 970                              | 5.49                  |            |
| DB2/WB1                                                           | 70.0                         | 39                   | 5014                | 3535                             | 1.42                  |            |
|                                                                   |                              | 32                   | 3433                | 2968                             | 1.16                  |            |
|                                                                   | 55.0                         | 74                   | 12437               | 5172                             | 2.40                  |            |
|                                                                   |                              | 64                   | 11906               | 4475                             | 2.66                  |            |
|                                                                   |                              | 55                   | 11336               | 3854                             | 2.94                  |            |
|                                                                   |                              | 32                   | 6554                | 2261                             | 2.90                  |            |
|                                                                   | 45.0                         | 74                   | 13646               | 4586                             | 2.98                  | Defrosting |
|                                                                   |                              | 64                   | 11105               | 3890                             | 2.85                  | Defrosting |
|                                                                   |                              | 55                   | 10319               | 3231                             | 3.19                  | Defrosting |
|                                                                   |                              | 32                   | 6937                | 1897                             | 3.66                  |            |
|                                                                   | 35.0                         | 74                   | 12946               | 3838                             | 3.37                  | Defrosting |
|                                                                   |                              | 64                   | 12379               | 3266                             | 3.79                  | Defrosting |
|                                                                   |                              | 55                   | 11261               | 2742                             | 4.11                  | Defrosting |

|             |      |    |       |      |      |            |
|-------------|------|----|-------|------|------|------------|
|             |      | 32 | 7326  | 1568 | 4.67 |            |
| DB-7/WB-8   | 70.0 | 64 | 6215  | 5395 | 1.15 | Defrosting |
|             |      | 55 | 5247  | 4725 | 1.11 |            |
|             |      | 39 | 3888  | 3382 | 1.15 |            |
|             |      | 32 | 3183  | 2820 | 1.13 |            |
|             | 55.0 | 90 | 13200 | 6810 | 1.94 |            |
|             |      | 64 | 10499 | 4364 | 2.41 |            |
|             |      | 55 | 8902  | 3661 | 2.43 |            |
|             |      | 32 | 4517  | 2094 | 2.16 |            |
|             | 45.0 | 90 | 15200 | 5803 | 2.62 |            |
|             |      | 64 | 10552 | 3775 | 2.80 |            |
|             |      | 55 | 9217  | 3176 | 2.90 |            |
|             |      | 32 | 5270  | 1792 | 2.94 |            |
|             | 35.0 | 90 | 15300 | 5200 | 2.94 |            |
|             |      | 64 | 10807 | 3368 | 3.21 |            |
|             |      | 55 | 9768  | 2757 | 3.54 |            |
|             |      | 32 | 5962  | 1456 | 4.10 |            |
| DB-15/WB-16 | 55.0 | 90 | 9240  | 6289 | 1.47 |            |
|             |      | 64 | 7054  | 4170 | 1.69 |            |
|             |      | 55 | 6440  | 3474 | 1.85 |            |
|             |      | 32 | 3035  | 2042 | 1.49 |            |
|             | 45.0 | 90 | 11510 | 5513 | 2.09 |            |
|             |      | 64 | 8608  | 3571 | 2.41 |            |
|             |      | 55 | 7282  | 2992 | 2.43 |            |
|             |      | 32 | 4002  | 1718 | 2.33 |            |
|             | 35.0 | 90 | 11969 | 4884 | 2.45 |            |
|             |      | 64 | 9008  | 3165 | 2.85 |            |
|             |      | 55 | 7681  | 2647 | 2.90 |            |
|             |      | 32 | 4325  | 1477 | 2.93 |            |
| DB-25/WB-26 | 50.0 | 90 | 5910  | 5475 | 1.08 |            |

| ULTIMA 2 HLT216MONO3S cooling performance data |                              |                      |                     |                                  |                       |      |
|------------------------------------------------|------------------------------|----------------------|---------------------|----------------------------------|-----------------------|------|
| Ambient temperature, °C                        | Water Outlet Temperature, °C | Compressor Speed, Hz | Cooling Capacity, W | Input Power (with water pump), W | EER (with water pump) | Note |
| DB35/WB24                                      | 18.0                         | 61                   | 15251               | 4119                             | 3.70                  |      |
|                                                |                              | 43                   | 11103               | 2564                             | 4.33                  |      |
|                                                |                              | 30                   | 7793                | 1569                             | 4.97                  |      |
|                                                | 7.0                          | 61                   | 12075               | 3789                             | 3.19                  |      |
|                                                |                              | 43                   | 8159                | 2521                             | 3.24                  |      |
|                                                |                              | 30                   | 5233                | 1646                             | 3.18                  |      |