

Date : 17/03/2008
Customer : Curant Trading AB

Calculation results

| | Cooling | Heating |
|--------------------------|---------|---------|
| Air inlet temperature | 27 °C | 20 °C |
| Wet bulb air temperature | 19 °C | |
| Relative humidity | 47 % | |
| Water inlet temperature | 7 °C | 55 °C |
| Water outlet temperature | 12 °C | 45 °C |
| Water flow | | |
| Useful static pressure | 0 Pa | |
| Glycol % | 0 % | |
| Operating speed | * All | |

| | Vel | QA | PT | PS | QW (C) | DPW (C) | TA (C) | PH | QW (H) | DPW (H) | TA (H) | LW | LP | H Max | L Max |
|--------------|-----|------|-------|-------|--------|---------|--------|-------|--------|---------|--------|-------|-------|-------|-------|
| Model | | m3/h | W | W | l/h | kPa | °C | W | l/h | kPa | °C | dB(A) | dB(A) | m | m |
| AREO 12 8p | 8p | 630 | 1830 | 1450 | 314 | 7 | 19,9 | 2770 | 241 | 3 | 33,0 | 56 | 51 | 3 | 4 |
| AREO 13 8p | 8p | 599 | 2320 | 1830 | 399 | 5 | 17,6 | 3550 | 309 | 3 | 37,6 | 56 | 51 | 3 | 3,5 |
| AREO 14 8p | 8p | 578 | 2680 | 2100 | 460 | 4 | 15,8 | 4100 | 357 | 2 | 41,0 | 56 | 51 | 2,5 | 3 |
| AREO 22 8p | 8p | 1418 | 3300 | 2810 | 567 | 4 | 20,9 | 5450 | 475 | 3 | 31,4 | 57 | 52 | 3,5 | 5,5 |
| AREO 23 8p | 8p | 1365 | 4890 | 3830 | 839 | 7 | 18,3 | 7350 | 641 | 4 | 36,0 | 57 | 52 | 3,5 | 5 |
| AREO 24 8p | 8p | 1334 | 5150 | 4130 | 883 | 4 | 17,4 | 8080 | 704 | 2 | 38,0 | 57 | 52 | 3,5 | 4,5 |
| AREO 32 8p | 8p | 2310 | 5450 | 5010 | 936 | 3 | 20,3 | 10000 | 873 | 2 | 32,9 | 59 | 54 | 3,5 | 8 |
| AREO 32 L 8p | 8p | 2130 | | | | | | 9330 | 813 | 2 | 33,0 | 59 | 54 | 3,5 | 8 |
| AREO 33 8p | 8p | 2231 | 6800 | 5780 | 1167 | 4 | 19,0 | 11420 | 996 | 2 | 35,2 | 59 | 54 | 3,5 | 7,5 |
| AREO 33 L 8p | 8p | 2100 | | | | | | 10780 | 940 | 2 | 35,2 | 59 | 54 | 3,5 | 7,5 |
| AREO 34 8p | 8p | 2174 | 9060 | 6890 | 1555 | 8 | 17,2 | 13200 | 1151 | 4 | 38,0 | 59 | 54 | 3 | 7 |
| AREO 42 8p | 8p | 3255 | 9480 | 7660 | 1627 | 8 | 19,7 | 14660 | 1278 | 4 | 33,4 | 62 | 57 | 3,5 | 9,5 |
| AREO 42 L 8p | 8p | 3110 | | | | | | 14000 | 1221 | 4 | 33,4 | 62 | 57 | 3,5 | 9,5 |
| AREO 43 8p | 8p | 3098 | 11280 | 8670 | 1935 | 9 | 18,3 | 16580 | 1445 | 4 | 35,9 | 62 | 57 | 3,5 | 9 |
| AREO 43 L 8p | 8p | 3070 | | | | | | 16190 | 1411 | 4 | 35,7 | 62 | 57 | 3,5 | 9 |
| AREO 44 8p | 8p | 3045 | 11990 | 9430 | 2057 | 5 | 17,4 | 18330 | 1598 | 3 | 37,9 | 62 | 57 | 3 | 9 |
| AREO 52 8p | 8p | 4620 | 10530 | 8820 | 1807 | 5 | 21,1 | 17130 | 1493 | 3 | 31,0 | 67 | 62 | 4 | 9,5 |
| AREO 52 L 8p | 8p | 4300 | | | | | | 16070 | 1401 | 3 | 31,1 | 67 | 62 | 4 | 9,5 |
| AREO 53 8p | 8p | 4515 | 14370 | 11280 | 2467 | 7 | 19,3 | 21680 | 1891 | 3 | 34,3 | 67 | 62 | 4 | 9 |
| AREO 53 L 8p | 8p | 4220 | | | | | | 20380 | 1777 | 3 | 34,3 | 67 | 62 | 4 | 9 |
| AREO 54 8p | 8p | 4463 | 16950 | 12780 | 2907 | 8 | 18,1 | 24340 | 2122 | 4 | 36,2 | 67 | 62 | 3,5 | 9 |

| | | | | | | | | | | | | | | | |
|--------------|----|------|-------|-------|------|----|------|-------|------|---|------|----|----|-----|------|
| AREO 62 8p | 8p | 6930 | 18630 | 15870 | 3195 | 6 | 19,9 | 31610 | 2757 | 4 | 33,5 | 71 | 66 | 5 | 10 |
| AREO 62 L 8p | 8p | 6500 | | | | | | 29860 | 2603 | 4 | 33,6 | 71 | 66 | 5 | 10 |
| AREO 63 8p | 8p | 6563 | 26120 | 19970 | 4485 | 12 | 17,6 | 37750 | 3292 | 6 | 37,1 | 71 | 66 | 5 | 9,5 |
| AREO 63 L 8p | 8p | 6420 | | | | | | 36600 | 3192 | 5 | 36,9 | 71 | 66 | 5 | 9,5 |
| AREO 64 8p | 8p | 6405 | 28480 | 21040 | 4890 | 14 | 16,8 | 39530 | 3447 | 6 | 38,3 | 71 | 66 | 4,5 | 9 |
| AREO 12 6p | 6p | 788 | 2120 | 1670 | 364 | 9 | 20,4 | 3170 | 276 | 4 | 31,9 | 62 | 57 | 3 | 5 |
| AREO 13 6p | 6p | 735 | 2690 | 2110 | 462 | 7 | 18,1 | 4060 | 354 | 3 | 36,4 | 62 | 57 | 3 | 4,5 |
| AREO 14 6p | 6p | 683 | 3030 | 2370 | 520 | 5 | 16,3 | 4610 | 402 | 3 | 40,1 | 62 | 57 | 3 | 4,5 |
| AREO 22 6p | 6p | 1785 | 3850 | 3240 | 660 | 6 | 21,4 | 6240 | 544 | 3 | 30,4 | 63 | 58 | 3,5 | 7,5 |
| AREO 23 6p | 6p | 1733 | 5760 | 4490 | 988 | 9 | 19,0 | 8550 | 746 | 5 | 34,7 | 63 | 58 | 3,5 | 7 |
| AREO 24 6p | 6p | 1701 | 6170 | 4910 | 1058 | 6 | 18,1 | 9500 | 828 | 3 | 36,6 | 63 | 58 | 3,5 | 6,5 |
| AREO 32 6p | 6p | 2940 | 6600 | 5920 | 1132 | 5 | 20,8 | 11590 | 1011 | 3 | 31,7 | 65 | 60 | 4 | 9,5 |
| AREO 32 L 6p | 6p | 2700 | | | | | | 10790 | 941 | 3 | 31,9 | 65 | 60 | 4 | 9,5 |
| AREO 33 6p | 6p | 2835 | 8160 | 6830 | 1400 | 5 | 19,6 | 13300 | 1160 | 3 | 33,9 | 65 | 60 | 4 | 9 |
| AREO 33 L 6p | 6p | 2650 | | | | | | 12500 | 1090 | 3 | 34,0 | 65 | 60 | 4 | 9 |
| AREO 34 6p | 6p | 2783 | 10780 | 8160 | 1849 | 10 | 17,9 | 15520 | 1353 | 5 | 36,6 | 65 | 60 | 3,5 | 8,5 |
| AREO 42 6p | 6p | 4095 | | | | | | 16770 | 1461 | 5 | 32,2 | 69 | 64 | 4 | 11,5 |
| AREO 42 L 6p | 6p | 3750 | | | | | | 15620 | 1362 | 5 | 32,4 | 69 | 64 | 4 | 11,5 |
| AREO 43 6p | 6p | 3938 | | | | | | 19230 | 1677 | 5 | 34,5 | 69 | 64 | 3,5 | 10,5 |
| AREO 43 L 6p | 6p | 3700 | | | | | | 18170 | 1586 | 5 | 34,6 | 69 | 64 | 3,5 | 10,5 |
| AREO 44 6p | 6p | 3885 | | | | | | 21550 | 1879 | 3 | 36,5 | 69 | 64 | 3,5 | 10 |
| AREO 52 6p | 6p | 5985 | | | | | | 19860 | 1732 | 4 | 29,9 | 73 | 68 | 4,5 | 12 |
| AREO 52 L 6p | 6p | 5600 | | | | | | 18750 | 1635 | 4 | 29,9 | 73 | 68 | 4,5 | 12 |
| AREO 53 6p | 6p | 5880 | | | | | | 25450 | 2219 | 5 | 32,9 | 73 | 68 | 4 | 11 |
| AREO 53 L 6p | 6p | 5500 | | | | | | 23990 | 2093 | 4 | 33,0 | 73 | 68 | 4 | 11 |
| AREO 54 6p | 6p | 5775 | | | | | | 28620 | 2497 | 5 | 34,7 | 73 | 68 | 4 | 10 |
| AREO 62 6p | 6p | 8820 | | | | | | 36410 | 3176 | 5 | 32,3 | 77 | 72 | 5,5 | 12,5 |
| AREO 62 L 6p | 6p | 8100 | | | | | | 33990 | 2966 | 5 | 32,5 | 77 | 72 | 5,5 | 12,5 |
| AREO 63 6p | 6p | 8505 | | | | | | 44440 | 3875 | 8 | 35,5 | 77 | 72 | 5,5 | 11,5 |
| AREO 63 L 6p | 6p | 8000 | | | | | | 42030 | 3666 | 7 | 35,6 | 77 | 72 | 5,5 | 11,5 |
| AREO 64 6p | 6p | 8295 | | | | | | 46710 | 4072 | 8 | 36,7 | 77 | 72 | 5 | 10,5 |
| AREO 12 4p | 4p | 1260 | | | | | | 4130 | 360 | 7 | 29,7 | 66 | 61 | 3 | 7 |
| AREO 13 4p | 4p | 1208 | | | | | | 5540 | 483 | 6 | 33,6 | 66 | 61 | 3 | 6,5 |
| AREO 14 4p | 4p | 1155 | | | | | | 6580 | 574 | 5 | 36,9 | 66 | 61 | 3 | 6,5 |
| AREO 22 4p | 4p | 2835 | | | | | | 8060 | 703 | 5 | 28,4 | 69 | 64 | 3,5 | 11 |
| AREO | 4p | 2730 | | | | | | 11200 | 977 | 7 | 32,2 | 69 | 64 | 3,5 | 10 |

| | | | | | | | | | | | | | | | |
|------------|----|------|--|--|--|--|--|-------|------|---|------|----|----|-----|------|
| 23 4p | | | | | | | | | | | | | | | |
| AREO 24 4p | 4p | 2678 | | | | | | 12660 | 1104 | 5 | 34,0 | 69 | 64 | 3,5 | 9,5 |
| AREO 32 4p | 4p | 4620 | | | | | | 14950 | 1304 | 5 | 29,6 | 74 | 69 | 4,5 | 15,5 |
| AREO 33 4p | 4p | 4463 | | | | | | 17440 | 1521 | 5 | 31,6 | 74 | 69 | 4,5 | 15 |
| AREO 34 4p | 4p | 4358 | | | | | | 20460 | 1785 | 8 | 33,9 | 74 | 69 | 4 | 14,5 |
| AREO 42 4p | 4p | 6510 | | | | | | 21800 | 1901 | 8 | 29,9 | 77 | 72 | 4,5 | 19 |
| AREO 43 4p | 4p | 6195 | | | | | | 25140 | 2193 | 9 | 32,1 | 77 | 72 | 4,5 | 18 |
| AREO 44 4p | 4p | 6090 | | | | | | 28500 | 2485 | 6 | 33,9 | 77 | 72 | 4 | 18 |
| AREO 52 4p | 4p | 9450 | | | | | | 25450 | 2219 | 6 | 28,0 | 84 | 79 | 5 | 19 |
| AREO 53 4p | 4p | 9240 | | | | | | 32990 | 2876 | 7 | 30,6 | 84 | 79 | 5 | 18 |
| AREO 54 4p | 4p | 9083 | | | | | | 37470 | 3268 | 8 | 32,3 | 84 | 79 | 4,5 | 18 |

Legenda

| | |
|----------------|-----------------------------------|
| QA | Air flow |
| PT | Total cooling capacity |
| PS | Sensible cooling capacity |
| QW (C) | Water flow(Cooling) |
| TW2 (C) | Water outlet temperature(Cooling) |
| DPW (C) | Water pressure drop(Cooling) |
| TA (C) | Air outlet temperature(Cooling) |
| PH | Heating Capacity |
| QW (H) | Water flow(Heating) |
| TW2 (H) | Water outlet temperature(Heating) |
| DPW (H) | Water pressure drop(Heating) |
| TA (H) | Air outlet temperature(Heating) |
| LW | Sound power |
| LP | Sound pressure level |
| HMax | Max installation height |
| LMax | Max air launch |