



# PTE 0809A - 0812A

Open cooling towers

## Engineering data

**REMARK:** Do not use for construction. Refer to factory certified dimensions & weights. This page includes data current at time of publication, which should be reconfirmed at the time of purchase. In the interest of product improvement, specifications, weights and dimensions are subject to change without notice.

[PTE cooling tower performance at standard conditions](#)

**Last update:** 02/05/2024

**PTE 0809A - 0812A**



1. Water in; 2. Water out; 3. Make up; 4. Overflow; 5. Drain

| Model                   | Weights (kg)            |                         |                             | Dimensions (mm) |      |      | Air Flow<br>(m³/s) | Fan Motor<br>(kW) | Fluid Inlet<br>ND (mm) | Fluid<br>Outlet ND<br>(mm) | Make Up<br>ND (mm) |
|-------------------------|-------------------------|-------------------------|-----------------------------|-----------------|------|------|--------------------|-------------------|------------------------|----------------------------|--------------------|
|                         | Oper.<br>Weight<br>(kg) | Ship.<br>Weight(kg<br>) | Heaviest<br>Section<br>(kg) | L               | W    | H    |                    |                   |                        |                            |                    |
| PTE 0<br>809A-3<br>J-L1 | 3340                    | 2260                    | 880                         | 2737            | 2394 | 4002 | 17.5               | (1x)<br>5.5       | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>809A-3<br>K-L1 | 3350                    | 2270                    | 890                         | 2737            | 2394 | 4002 | 19.2               | (1x)<br>7.5       | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>809A-3<br>L-L1 | 3390                    | 2310                    | 930                         | 2737            | 2394 | 4002 | 21.8               | (1x)<br>11.0      | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>809A-4<br>K-L1 | 3480                    | 2400                    | 920                         | 2737            | 2394 | 4307 | 18.0               | (1x)<br>7.5       | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>809A-4<br>L-L1 | 3520                    | 2440                    | 920                         | 2737            | 2394 | 4307 | 20.4               | (1x)<br>11.0      | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>809A-4<br>M-L1 | 3530                    | 2450                    | 920                         | 2737            | 2394 | 4307 | 22.2               | (1x)<br>15.0      | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>812A-3<br>L-L1 | 4210                    | 2690                    | 940                         | 3651            | 2394 | 4116 | 26.8               | (1x)<br>11.0      | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>812A-3<br>M-L1 | 4210                    | 2700                    | 940                         | 3651            | 2394 | 4116 | 29.2               | (1x)<br>15.0      | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>812A-3<br>N-L1 | 4250                    | 2730                    | 940                         | 3651            | 2394 | 4116 | 31.5               | (1x)<br>18.5      | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>812A-4<br>M-L1 | 4370                    | 2850                    | 1090                        | 3651            | 2394 | 4421 | 27.2               | (1x)<br>15.0      | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>812A-4<br>N-L1 | 4400                    | 2880                    | 1090                        | 3651            | 2394 | 4421 | 29.1               | (1x)<br>18.5      | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>812A-4<br>O-L1 | 4410                    | 2900                    | 1090                        | 3651            | 2394 | 4421 | 30.9               | (1x)<br>22.0      | (1x)<br>200            | (1x)<br>200                | (1x) 40            |
| PTE 0<br>809A-3<br>J-L2 | 6640                    | 4470                    | 880                         | 5480            | 2394 | 4307 | 35.3               | (2x)<br>5.5       | (2x)<br>200            | (2x)<br>200                | (1x) 40            |
| PTE 0<br>809A-3<br>K-L2 | 6650                    | 4480                    | 890                         | 5480            | 2394 | 4307 | 38.7               | (2x)<br>7.5       | (2x)<br>200            | (2x)<br>200                | (1x) 40            |
| PTE 0<br>809A-3<br>L-L2 | 6680                    | 4520                    | 930                         | 5480            | 2394 | 4307 | 43.9               | (2x)<br>11.0      | (2x)<br>200            | (2x)<br>200                | (1x) 40            |
| PTE 0<br>809A-4<br>K-L2 | 6910                    | 4750                    | 920                         | 5480            | 2394 | 4611 | 36.2               | (2x)<br>7.5       | (2x)<br>200            | (2x)<br>200                | (1x) 40            |
| PTE 0<br>809A-4<br>L-L2 | 6950                    | 4790                    | 920                         | 5480            | 2394 | 4611 | 41.1               | (2x)<br>11.0      | (2x)<br>200            | (2x)<br>200                | (1x) 40            |
| PTE 0<br>809A-4<br>M-L2 | 6960                    | 4800                    | 920                         | 5480            | 2394 | 4611 | 44.7               | (2x)<br>15.0      | (2x)<br>200            | (2x)<br>200                | (1x) 40            |
| PTE 0                   | 8320                    | 5290                    | 940                         | 7304            | 2394 | 4421 | 54.4               | (2x)              | (2x)                   | (2x)                       | (1x) 40            |

|                         |       |      |      |       |      |      |      |              |             |             |         |
|-------------------------|-------|------|------|-------|------|------|------|--------------|-------------|-------------|---------|
| 812A-3<br>L-L2          |       |      |      |       |      |      |      | 11.0         | 200         | 200         |         |
| PTE 0<br>812A-3<br>M-L2 | 8330  | 5300 | 940  | 7304  | 2394 | 4421 | 59.4 | (2x)<br>15.0 | (2x)<br>200 | (2x)<br>200 | (1x) 40 |
| PTE 0<br>812A-3<br>N-L2 | 8360  | 5330 | 940  | 7304  | 2394 | 4421 | 63.5 | (2x)<br>18.5 | (2x)<br>200 | (2x)<br>200 | (1x) 40 |
| PTE 0<br>812A-4<br>M-L2 | 8630  | 5600 | 1090 | 7304  | 2394 | 4726 | 55.2 | (2x)<br>15.0 | (2x)<br>200 | (2x)<br>200 | (1x) 40 |
| PTE 0<br>812A-4<br>N-L2 | 8660  | 5630 | 1090 | 7304  | 2394 | 4726 | 59.0 | (2x)<br>18.5 | (2x)<br>200 | (2x)<br>200 | (1x) 40 |
| PTE 0<br>812A-4<br>O-L2 | 8680  | 5650 | 1090 | 7304  | 2394 | 4726 | 62.3 | (2x)<br>22.0 | (2x)<br>200 | (2x)<br>200 | (1x) 40 |
| PTE 0<br>809A-3<br>J-L3 | 9930  | 6690 | 880  | 8275  | 2394 | 4611 | 53.4 | (3x)<br>5.5  | (3x)<br>200 | (3x)<br>200 | (2x) 40 |
| PTE 0<br>809A-3<br>K-L3 | 9940  | 6700 | 890  | 8275  | 2394 | 4611 | 58.5 | (3x)<br>7.5  | (3x)<br>200 | (3x)<br>200 | (2x) 40 |
| PTE 0<br>809A-3<br>L-L3 | 9980  | 6740 | 930  | 8275  | 2394 | 4611 | 66.3 | (3x)<br>11.0 | (3x)<br>200 | (3x)<br>200 | (2x) 40 |
| PTE 0<br>809A-4<br>K-L3 | 10340 | 7100 | 920  | 8275  | 2394 | 4916 | 54.8 | (3x)<br>7.5  | (3x)<br>200 | (3x)<br>200 | (2x) 40 |
| PTE 0<br>809A-4<br>L-L3 | 10380 | 7140 | 920  | 8275  | 2394 | 4916 | 62.0 | (3x)<br>11.0 | (3x)<br>200 | (3x)<br>200 | (2x) 40 |
| PTE 0<br>809A-4<br>M-L3 | 10390 | 7140 | 920  | 8275  | 2394 | 4916 | 67.5 | (3x)<br>15.0 | (3x)<br>200 | (3x)<br>200 | (2x) 40 |
| PTE 0<br>812A-3<br>L-L3 | 12440 | 7890 | 940  | 11018 | 2394 | 4726 | 82.1 | (3x)<br>11.0 | (3x)<br>200 | (3x)<br>200 | (2x) 40 |
| PTE 0<br>812A-3<br>M-L3 | 12440 | 7900 | 940  | 11018 | 2394 | 4726 | 89.7 | (3x)<br>15.0 | (3x)<br>200 | (3x)<br>200 | (2x) 40 |
| PTE 0<br>812A-3<br>N-L3 | 12480 | 7930 | 940  | 11018 | 2394 | 4726 | 95.9 | (3x)<br>18.5 | (3x)<br>200 | (3x)<br>200 | (2x) 40 |
| PTE 0<br>812A-4<br>M-L3 | 12900 | 8350 | 1090 | 11018 | 2394 | 5031 | 83.3 | (3x)<br>15.0 | (3x)<br>200 | (3x)<br>200 | (2x) 40 |
| PTE 0<br>812A-4<br>N-L3 | 12930 | 8380 | 1090 | 11018 | 2394 | 5031 | 89.1 | (3x)<br>18.5 | (3x)<br>200 | (3x)<br>200 | (2x) 40 |
| PTE 0<br>812A-4<br>O-L3 | 12950 | 8400 | 1090 | 11018 | 2394 | 5031 | 94.0 | (3x)<br>22.0 | (3x)<br>200 | (3x)<br>200 | (2x) 40 |