



# VT1 7412-7418

## Open koeltorens

### Technische gegevens

**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.

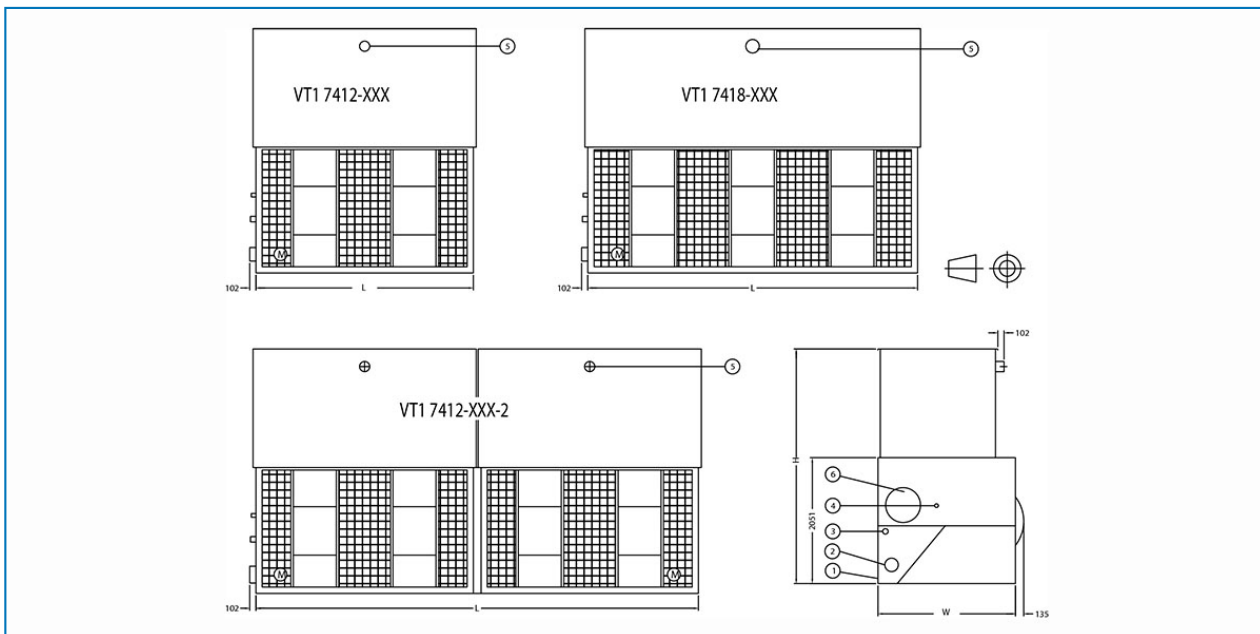
#### General notes

1. All connections 100 mm and smaller are MPT. Connections 150 mm and larger are bevelled-for-welding.
2. Fan kW is at 0 Pa ESP. kW's at other ESP's are available upon request. As a rule of thumb, one size larger motor can overcome ESP's up to 125 Pa.
3. The drawings show the standard "right hand" arrangement, which has the air inlet side on the right when facing the connection end. "Left hand" arrangement can be furnished by special order.
4. Water outlet, overflow and make-up are always located on the same end of the unit. For units with two water outlet connections an additional overflow connection will be installed on the other end of the unit.

[VT0-1 cooling tower performance at standard conditions](#)

**Laatst bijgewerkt:** 01/09/2024

**VT1 7412-7418**



1. Afvoer ND 50; 2. Wateruitlaat; 3. Overloop ND50; 4. Make-up ND25; 5. Waterinlaat; 6. Toegangsdeur.



| Model            | Gewicht (kg)             |                              |                              | Afmetingen (mm) |      |      | Luchtdebi<br>et (m <sup>3</sup> /s) | Ventilator<br>motor<br>(kW) | Vloeistof<br>nlaat ND<br>(mm) | Vloeistof<br>itlaat ND<br>(mm) | Suppletie<br>ND (mm) |
|------------------|--------------------------|------------------------------|------------------------------|-----------------|------|------|-------------------------------------|-----------------------------|-------------------------------|--------------------------------|----------------------|
|                  | Bedrijfsge<br>wicht (kg) | Transport<br>gewicht<br>(kg) | Zwaarste<br>gedeelte<br>(kg) | L               | W    | H    |                                     |                             |                               |                                |                      |
| VT1 74<br>12-01K | 3921                     | 2218                         | 1506                         | 3550            | 2245 | 3112 | 16.41                               | (1x)<br>7.5                 | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-01L | 3954                     | 2251                         | 1539                         | 3550            | 2245 | 3112 | 18.64                               | (1x)<br>11.0                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-01M | 3974                     | 2271                         | 1559                         | 3550            | 2245 | 3112 | 20.67                               | (1x)<br>15.0                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-01N | 4013                     | 2310                         | 1598                         | 3550            | 2245 | 3112 | 22.17                               | (1x)<br>18.5                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-01O | 4035                     | 2332                         | 1620                         | 3550            | 2245 | 3112 | 23.49                               | (1x)<br>22.0                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-02K | 4110                     | 2422                         | 1506                         | 3550            | 2245 | 3569 | 16.3                                | (1x)<br>7.5                 | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-02L | 4143                     | 2455                         | 1539                         | 3550            | 2245 | 3569 | 18.52                               | (1x)<br>11.0                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-02M | 4163                     | 2475                         | 1559                         | 3550            | 2245 | 3569 | 20.53                               | (1x)<br>15.0                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-02N | 4202                     | 2514                         | 1598                         | 3550            | 2245 | 3569 | 22.02                               | (1x)<br>18.5                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-02O | 4224                     | 2536                         | 1620                         | 3550            | 2245 | 3569 | 23.33                               | (1x)<br>22.0                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-03K | 4268                     | 2602                         | 1495                         | 3550            | 2245 | 4026 | 15.28                               | (1x)<br>7.5                 | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-03L | 4301                     | 2635                         | 1528                         | 3550            | 2245 | 4026 | 17.36                               | (1x)<br>11.0                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-03M | 4321                     | 2655                         | 1548                         | 3550            | 2245 | 4026 | 19.26                               | (1x)<br>15.0                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-03N | 4360                     | 2694                         | 1587                         | 3550            | 2245 | 4026 | 20.65                               | (1x)<br>18.5                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-03O | 4382                     | 2716                         | 1609                         | 3550            | 2245 | 4026 | 23.22                               | (1x)<br>22.0                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>12-03P | 4418                     | 2752                         | 1645                         | 3550            | 2245 | 4026 | 24.26                               | (1x)<br>30.0                | (1x)<br>150                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>18-01K | 5806                     | 3284                         | 2100                         | 5385            | 2245 | 3112 | 21.49                               | (1x)<br>7.5                 | (1x)<br>200                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>18-01L | 5839                     | 3317                         | 2133                         | 5385            | 2245 | 3112 | 24.42                               | (1x)<br>11.0                | (1x)<br>200                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>18-01M | 5859                     | 3337                         | 2153                         | 5385            | 2245 | 3112 | 27.08                               | (1x)<br>15.0                | (1x)<br>200                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>18-01N | 5898                     | 3376                         | 2192                         | 5385            | 2245 | 3112 | 34.0                                | (1x)<br>18.5                | (1x)<br>200                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>18-01O | 5920                     | 3398                         | 2214                         | 5385            | 2245 | 3112 | 30.77                               | (1x)<br>22.0                | (1x)<br>200                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>18-01P | 5956                     | 3434                         | 2250                         | 5385            | 2245 | 3112 | 34.12                               | (1x)<br>30.0                | (1x)<br>200                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>18-02K | 6081                     | 3575                         | 2110                         | 5385            | 2245 | 3569 | 21.31                               | (1x)<br>7.5                 | (1x)<br>200                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>18-02L | 6114                     | 3608                         | 2143                         | 5385            | 2245 | 3569 | 24.21                               | (1x)<br>11.0                | (1x)<br>200                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>18-02M | 6134                     | 3628                         | 2163                         | 5385            | 2245 | 3569 | 26.84                               | (1x)<br>15.0                | (1x)<br>200                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>18-02N | 6173                     | 3667                         | 2202                         | 5385            | 2245 | 3569 | 28.79                               | (1x)<br>18.5                | (1x)<br>200                   | (1x)<br>200                    | (1x) 50              |
| VT1 74<br>18-02O | 6195                     | 3689                         | 2224                         | 5385            | 2245 | 3569 | 30.5                                | (1x)<br>22.0                | (1x)<br>200                   | (1x)<br>200                    | (1x) 50              |
| VT1 74           | 6231                     | 3725                         | 2260                         | 5385            | 2245 | 3569 | 33.82                               | (1x)                        | (1x)                          | (1x)                           | (1x) 50              |



|                        |      |      |      |      |      |      |       |              |             |             |         |
|------------------------|------|------|------|------|------|------|-------|--------------|-------------|-------------|---------|
| 18-02P                 |      |      |      |      |      |      |       | 30.0         | 200         | 200         |         |
| VT1 74<br>18-03K       | 6342 | 3857 | 2110 | 5385 | 2245 | 4026 | 21.17 | (1x)<br>7.5  | (1x)<br>200 | (1x)<br>200 | (1x) 50 |
| VT1 74<br>18-03L       | 6375 | 3890 | 2143 | 5385 | 2245 | 4026 | 24.05 | (1x)<br>11.0 | (1x)<br>200 | (1x)<br>200 | (1x) 50 |
| VT1 74<br>18-03M       | 6395 | 3910 | 2163 | 5385 | 2245 | 4026 | 26.67 | (1x)<br>15.0 | (1x)<br>200 | (1x)<br>200 | (1x) 50 |
| VT1 74<br>18-03N       | 6434 | 3949 | 2202 | 5385 | 2245 | 4026 | 28.6  | (1x)<br>18.5 | (1x)<br>200 | (1x)<br>200 | (1x) 50 |
| VT1 74<br>18-03O       | 6456 | 3971 | 2224 | 5385 | 2245 | 4026 | 30.3  | (1x)<br>22.0 | (1x)<br>200 | (1x)<br>200 | (1x) 50 |
| VT1 74<br>18-03P       | 6492 | 4007 | 2260 | 5385 | 2245 | 4026 | 33.6  | (1x)<br>30.0 | (1x)<br>200 | (1x)<br>200 | (1x) 50 |
| VT1 74<br>18-03Q       | 6614 | 4091 | 2345 | 5385 | 2245 | 4026 | 36.15 | (1x)<br>37.0 | (1x)<br>200 | (1x)<br>200 | (1x) 50 |
| VT1 74<br>12-01K<br>-2 | 7892 | 4422 | 1392 | 7226 | 2245 | 3112 | 32.82 | (2x)<br>7.5  | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-01L-<br>2 | 7958 | 4488 | 1458 | 7226 | 2245 | 3112 | 37.29 | (2x)<br>11.0 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-01M<br>-2 | 7998 | 4528 | 1498 | 7226 | 2245 | 3112 | 41.35 | (2x)<br>15.0 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-01N<br>-2 | 8076 | 4606 | 1576 | 7226 | 2245 | 3112 | 44.34 | (2x)<br>18.5 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-01O<br>-2 | 8120 | 4650 | 1620 | 7226 | 2245 | 3112 | 46.98 | (2x)<br>22.0 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-02K<br>-2 | 8292 | 4822 | 1392 | 7226 | 2245 | 3569 | 32.59 | (2x)<br>7.5  | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-02L-<br>2 | 8358 | 4888 | 1458 | 7226 | 2245 | 3569 | 37.03 | (2x)<br>11.0 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-02M<br>-2 | 8398 | 4928 | 1498 | 7226 | 2245 | 3569 | 41.06 | (2x)<br>15.0 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-02N<br>-2 | 8476 | 5006 | 1576 | 7226 | 2245 | 3569 | 44.03 | (2x)<br>18.5 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-02O<br>-2 | 8520 | 5050 | 1620 | 7226 | 2245 | 3569 | 46.65 | (2x)<br>22.0 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-03K<br>-2 | 8672 | 5252 | 1392 | 7226 | 2245 | 4026 | 30.57 | (2x)<br>7.5  | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-03L-<br>2 | 8738 | 5318 | 1458 | 7226 | 2245 | 4026 | 34.73 | (2x)<br>11.0 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-03M<br>-2 | 8778 | 5358 | 1498 | 7226 | 2245 | 4026 | 38.51 | (2x)<br>15.0 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-03N<br>-2 | 8856 | 5436 | 1576 | 7226 | 2245 | 4026 | 41.3  | (2x)<br>18.5 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74<br>12-03O<br>-2 | 8900 | 5480 | 1620 | 7226 | 2245 | 4026 | 46.44 | (2x)<br>22.0 | (2x)<br>150 | (1x)<br>250 | (1x) 50 |
| VT1 74                 | 8980 | 5560 | 1645 | 7226 | 2245 | 4026 | 48.94 | (2x)         | (2x)        | (1x)        | (1x) 50 |



|              |  |  |  |  |  |  |  |      |     |     |  |
|--------------|--|--|--|--|--|--|--|------|-----|-----|--|
| 12-03P<br>-2 |  |  |  |  |  |  |  | 30.0 | 150 | 250 |  |
|--------------|--|--|--|--|--|--|--|------|-----|-----|--|