



# FXT 27 - 500

Open cooling towers

## Engineering data

**REMARK:** Do not use for construction. Refer to factory 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. Unless otherwise indicated, all connections ND100 and smaller are MPT and connections ND125 and larger are beveled for welding.
2. Operating weight is for tower with water level in the cold water basin at overflow.
3. Unit height is indicate, for precise value refer to certified print.
4. Inlet piping must rest on the flow divider. The inlet piping to the distribution box must be the correct size as indicated in the table.

**Last update:** 18/05/2024

**FXT 27 - 500**





1. Drain; 2. Water outlet; 3. Overflow; 4. Make up; 5. Water inlet; 6. Access door; 7. Top of distribution box; 8. Metering orifices; 9. Flow divider; \* External screen section only on FXT 211, 250, 422, 500.

| 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    |                    |                   |                        |                            |                    |
| FXT<br>27  | 945                     | 425                     | 425                         | 1374            | 2414 | 1810 | 4.85               | (1x)<br>0.75      | (1x)<br>100            | (1x)<br>100                | (1x) 15            |
| FXT<br>32  | 950                     | 430                     | 430                         | 1374            | 2414 | 1810 | 5.32               | (1x)<br>1.1       | (1x)<br>100            | (1x)<br>100                | (1x) 15            |
| FXT<br>43  | 1100                    | 455                     | 455                         | 1374            | 2414 | 2216 | 7.08               | (1x)<br>1.5       | (1x)<br>150            | (1x)<br>150                | (1x) 15            |
| FXT<br>51  | 1110                    | 465                     | 465                         | 1374            | 2414 | 2216 | 8.11               | (1x)<br>2.2       | (1x)<br>150            | (1x)<br>150                | (1x) 15            |
| FXT<br>60  | 1425                    | 555                     | 555                         | 1832            | 2181 | 2216 | 9.93               | (1x)<br>2.2       | (1x)<br>150            | (1x)<br>150                | (1x) 15            |
| FXT<br>68  | 1430                    | 560                     | 560                         | 1832            | 2181 | 2216 | 11.76              | (1x)<br>4.0       | (1x)<br>150            | (1x)<br>150                | (1x) 15            |
| FXT<br>74  | 1920                    | 780                     | 780                         | 1832            | 2219 | 2540 | 11.03              | (1x)<br>2.2       | (1x)<br>200            | (1x)<br>200                | (1x) 25            |
| FXT<br>88  | 1925                    | 785                     | 785                         | 1832            | 2219 | 2540 | 13.07              | (1x)<br>4.0       | (1x)<br>200            | (1x)<br>200                | (1x) 25            |
| FXT<br>97  | 2755                    | 1000                    | 1000                        | 2772            | 2219 | 2540 | 14.68              | (1x)<br>2.2       | (1x)<br>200            | (1x)<br>200                | (1x) 25            |
| FXT<br>116 | 2765                    | 1010                    | 1010                        | 2772            | 2219 | 2540 | 17.4               | (1x)<br>4.0       | (1x)<br>200            | (1x)<br>200                | (1x) 25            |
| FXT<br>133 | 2780                    | 1025                    | 1025                        | 2772            | 2219 | 2540 | 19.93              | (1x)<br>5.5       | (1x)<br>200            | (1x)<br>200                | (1x) 25            |
| FXT<br>194 | 5505                    | 1995                    | 1000                        | 5556            | 2219 | 2540 | 29.36              | (2x)<br>2.2       | (2x)<br>200            | (2x)<br>200                | (1x) 50            |
| FXT<br>232 | 5525                    | 2015                    | 1010                        | 5556            | 2219 | 2540 | 34.81              | (2x)<br>4.0       | (2x)<br>200            | (2x)<br>200                | (1x) 50            |
| FXT<br>266 | 5565                    | 2055                    | 1030                        | 5556            | 2219 | 2540 | 39.85              | (2x)<br>5.5       | (2x)<br>200            | (2x)<br>200                | (1x) 50            |
| FXT<br>160 | 3640                    | 1310                    | 1310                        | 3660            | 2219 | 2540 | 24.1               | (1x)<br>5.5       | (1x)<br>200            | (1x)<br>200                | (1x) 25            |
| FXT<br>173 | 3655                    | 1325                    | 1325                        | 3660            | 2219 | 2540 | 26.53              | (1x)<br>7.5       | (1x)<br>200            | (1x)<br>200                | (1x) 25            |
| FXT<br>320 | 7285                    | 2615                    | 1310                        | 7334            | 2219 | 2540 | 48.19              | (2x)<br>5.5       | (2x)<br>200            | (2x)<br>200                | (1x) 50            |
| FXT<br>346 | 7320                    | 2650                    | 1325                        | 7334            | 2219 | 2540 | 53.04              | (2x)<br>7.5       | (2x)<br>200            | (2x)<br>200                | (1x) 50            |
| FXT<br>211 | 4275                    | 1620                    | 1620                        | 3660            | 2219 | 3356 | 30.22              | (1x)<br>7.5       | (1x)<br>200            | (1x)<br>200                | (1x) 25            |
| FXT<br>250 | 4295                    | 1640                    | 1640                        | 3660            | 2219 | 3356 | 34.6               | (1x)<br>11.0      | (1x)<br>200            | (1x)<br>200                | (1x) 25            |
| FXT<br>422 | 8545                    | 3230                    | 1620                        | 7334            | 2219 | 3353 | 60.44              | (2x)<br>7.5       | (2x)<br>200            | (2x)<br>200                | (1x) 50            |
| FXT<br>500 | 8590                    | 3275                    | 1640                        | 7334            | 2219 | 3353 | 69.19              | (2x)<br>11.0      | (2x)<br>200            | (2x)<br>200                | (1x) 50            |