



# FXVS 1012-1018

Closed circuit 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.

[FXVS cooling tower performance at standard conditions - 30% EG](#)

[FXVS cooling tower performance at standard conditions - 30% PG](#)

[FXVS cooling tower performance at standard conditions - water](#)

[FXVS cooling tower - pressure drop](#)

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

**FXVS 1012-1018**



1. Fluid in; 2. Fluid out; 3. Make up; 4. Overflow; 5. Drain; 6. Access door; 7. Vent ND15.



| Model                   | Weights (kg)            |                         |                             | Dimensions (mm) |      |      | Air Flow<br>(m³/s) | Fan Motor<br>(kW) | Water<br>Flow (l/s) | Pump<br>Motor<br>(kW) | Coil<br>Volume<br>(L) |
|-------------------------|-------------------------|-------------------------|-----------------------------|-----------------|------|------|--------------------|-------------------|---------------------|-----------------------|-----------------------|
|                         | Oper.<br>Weight<br>(kg) | Ship.<br>Weight(kg<br>) | Heaviest<br>Section<br>(kg) | L               | W    | H    |                    |                   |                     |                       |                       |
| FXVS<br>1012C-<br>12D-K | 8370                    | 5050                    | 2870                        | 3651            | 2997 | 5199 | 29.8               | (2x)<br>4.0       | 54.6                | (1x)<br>5.5           | (1x)<br>512           |
| FXVS<br>1012C-<br>12D-L | 8410                    | 5090                    | 2910                        | 3651            | 2997 | 5199 | 34.1               | (2x)<br>5.5       | 54.6                | (1x)<br>5.5           | (1x)<br>512           |
| FXVS<br>1012C-<br>12D-M | 8430                    | 5120                    | 2940                        | 3651            | 2997 | 5199 | 37.5               | (2x)<br>7.5       | 54.6                | (1x)<br>5.5           | (1x)<br>512           |
| FXVS<br>1012C-<br>12D-O | 8480                    | 5170                    | 2990                        | 3651            | 2997 | 5199 | 41.8               | (2x)<br>11.0      | 54.6                | (1x)<br>5.5           | (1x)<br>512           |
| FXVS<br>1012C-<br>16D-K | 8900                    | 5420                    | 3250                        | 3651            | 2997 | 5199 | 29.5               | (2x)<br>4.0       | 54.6                | (1x)<br>5.5           | (1x)<br>673           |
| FXVS<br>1012C-<br>16D-L | 8940                    | 5460                    | 3290                        | 3651            | 2997 | 5199 | 33.8               | (2x)<br>5.5       | 54.6                | (1x)<br>5.5           | (1x)<br>673           |
| FXVS<br>1012C-<br>16D-M | 8970                    | 5490                    | 3310                        | 3651            | 2997 | 5199 | 37.1               | (2x)<br>7.5       | 54.6                | (1x)<br>5.5           | (1x)<br>673           |
| FXVS<br>1012C-<br>16D-O | 9020                    | 5540                    | 3360                        | 3651            | 2997 | 5199 | 41.4               | (2x)<br>11.0      | 54.6                | (1x)<br>5.5           | (1x)<br>673           |
| FXVS<br>1012C-<br>16Q-K | 9000                    | 5530                    | 3350                        | 3651            | 2997 | 5199 | 29.5               | (2x)<br>4.0       | 54.6                | (1x)<br>5.5           | (1x)<br>671           |
| FXVS<br>1012C-<br>16Q-L | 9040                    | 5570                    | 3390                        | 3651            | 2997 | 5199 | 33.7               | (2x)<br>5.5       | 54.6                | (1x)<br>5.5           | (1x)<br>671           |
| FXVS<br>1012C-<br>16Q-M | 9070                    | 5600                    | 3420                        | 3651            | 2997 | 5199 | 37.0               | (2x)<br>7.5       | 54.6                | (1x)<br>5.5           | (1x)<br>671           |
| FXVS<br>1012C-<br>16Q-O | 9120                    | 5650                    | 3470                        | 3651            | 2997 | 5199 | 41.2               | (2x)<br>11.0      | 54.6                | (1x)<br>5.5           | (1x)<br>671           |
| FXVS<br>1012C-<br>20D-K | 9430                    | 5800                    | 3620                        | 3651            | 2997 | 5199 | 29.3               | (2x)<br>4.0       | 54.6                | (1x)<br>5.5           | (1x)<br>834           |
| FXVS<br>1012C-<br>20D-L | 9470                    | 5840                    | 3660                        | 3651            | 2997 | 5199 | 33.5               | (2x)<br>5.5       | 54.6                | (1x)<br>5.5           | (1x)<br>834           |
| FXVS<br>1012C-<br>20D-M | 9500                    | 5860                    | 3690                        | 3651            | 2997 | 5199 | 36.8               | (2x)<br>7.5       | 54.6                | (1x)<br>5.5           | (1x)<br>834           |
| FXVS<br>1012C-<br>20D-O | 9550                    | 5910                    | 3730                        | 3651            | 2997 | 5199 | 41.0               | (2x)<br>11.0      | 54.6                | (1x)<br>5.5           | (1x)<br>834           |
| FXVS<br>1012C-<br>24D-K | 10210                   | 6410                    | 4440                        | 3651            | 2997 | 6080 | 29.1               | (2x)<br>4.0       | 54.6                | (1x)<br>5.5           | (1x)<br>995           |
| FXVS<br>1012C-<br>24D-L | 10250                   | 6450                    | 4480                        | 3651            | 2997 | 6080 | 33.2               | (2x)<br>5.5       | 54.6                | (1x)<br>5.5           | (1x)<br>995           |
| FXVS                    | 10270                   | 6470                    | 4510                        | 3651            | 2997 | 6080 | 36.5               | (2x)              | 54.6                | (1x)                  | (1x)                  |

|                     |       |      |      |      |      |      |      |              |      |             |              |
|---------------------|-------|------|------|------|------|------|------|--------------|------|-------------|--------------|
| 1012C-24D-M         |       |      |      |      |      |      |      | 7.5          |      | 5.5         | 995          |
| FXVS<br>1012C-24D-O | 10320 | 6520 | 4560 | 3651 | 2997 | 6080 | 40.7 | (2x)<br>11.0 | 54.6 | (1x)<br>5.5 | (1x)<br>995  |
| FXVS<br>1012C-24Q-K | 10310 | 6510 | 4550 | 3651 | 2997 | 6080 | 29.1 | (2x)<br>4.0  | 54.6 | (1x)<br>5.5 | (1x)<br>997  |
| FXVS<br>1012C-24Q-L | 10350 | 6550 | 4590 | 3651 | 2997 | 6080 | 33.2 | (2x)<br>5.5  | 54.6 | (1x)<br>5.5 | (1x)<br>997  |
| FXVS<br>1012C-24Q-M | 10370 | 6570 | 4610 | 3651 | 2997 | 6080 | 36.6 | (2x)<br>7.5  | 54.6 | (1x)<br>5.5 | (1x)<br>997  |
| FXVS<br>1012C-24Q-O | 10420 | 6620 | 4660 | 3651 | 2997 | 6080 | 40.7 | (2x)<br>11.0 | 54.6 | (1x)<br>5.5 | (1x)<br>997  |
| FXVS<br>1012C-24T-K | 10330 | 6530 | 4570 | 3651 | 2997 | 6080 | 29.0 | (2x)<br>4.0  | 54.6 | (1x)<br>5.5 | (1x)<br>996  |
| FXVS<br>1012C-24T-L | 10370 | 6570 | 4610 | 3651 | 2997 | 6080 | 33.2 | (2x)<br>5.5  | 54.6 | (1x)<br>5.5 | (1x)<br>996  |
| FXVS<br>1012C-24T-M | 10400 | 6600 | 4640 | 3651 | 2997 | 6080 | 36.5 | (2x)<br>7.5  | 54.6 | (1x)<br>5.5 | (1x)<br>996  |
| FXVS<br>1012C-24T-O | 10450 | 6650 | 4690 | 3651 | 2997 | 6080 | 40.7 | (2x)<br>11.0 | 54.6 | (1x)<br>5.5 | (1x)<br>996  |
| FXVS<br>1012C-28D-K | 10740 | 6780 | 4820 | 3651 | 2997 | 6080 | 28.9 | (2x)<br>4.0  | 54.6 | (1x)<br>5.5 | (1x)<br>1156 |
| FXVS<br>1012C-28D-L | 10780 | 6820 | 4860 | 3651 | 2997 | 6080 | 33.0 | (2x)<br>5.5  | 54.6 | (1x)<br>5.5 | (1x)<br>1156 |
| FXVS<br>1012C-28D-M | 10810 | 6850 | 4880 | 3651 | 2997 | 6080 | 36.3 | (2x)<br>7.5  | 54.6 | (1x)<br>5.5 | (1x)<br>1156 |
| FXVS<br>1012C-30T-K | 11170 | 7120 | 5160 | 3651 | 2997 | 6080 | 28.8 | (2x)<br>4.0  | 54.6 | (1x)<br>5.5 | (1x)<br>1237 |
| FXVS<br>1012C-30T-L | 11210 | 7160 | 5200 | 3651 | 2997 | 6080 | 33.0 | (2x)<br>5.5  | 54.6 | (1x)<br>5.5 | (1x)<br>1237 |
| FXVS<br>1012C-30T-M | 11230 | 7190 | 5230 | 3651 | 2997 | 6080 | 36.2 | (2x)<br>7.5  | 54.6 | (1x)<br>5.5 | (1x)<br>1237 |
| FXVS<br>1012C-30T-O | 11280 | 7240 | 5280 | 3651 | 2997 | 6080 | 40.4 | (2x)<br>11.0 | 54.6 | (1x)<br>5.5 | (1x)<br>1237 |
| FXVS<br>1012C-32Q-K | 11370 | 7250 | 5280 | 3651 | 2997 | 6080 | 28.7 | (2x)<br>4.0  | 54.6 | (1x)<br>5.5 | (1x)<br>1319 |
| FXVS<br>1012C-32Q-L | 11410 | 7290 | 5320 | 3651 | 2997 | 6080 | 32.8 | (2x)<br>5.5  | 54.6 | (1x)<br>5.5 | (1x)<br>1319 |
| FXVS<br>1012C-32Q-M | 11440 | 7310 | 5350 | 3651 | 2997 | 6080 | 36.1 | (2x)<br>7.5  | 54.6 | (1x)<br>5.5 | (1x)<br>1319 |
| FXVS<br>1012C-      | 11490 | 7360 | 5400 | 3651 | 2997 | 6080 | 40.2 | (2x)<br>11.0 | 54.6 | (1x)<br>5.5 | (1x)<br>1319 |

|                         |       |       |      |      |      |      |      |              |      |             |              |
|-------------------------|-------|-------|------|------|------|------|------|--------------|------|-------------|--------------|
| 32Q-O                   |       |       |      |      |      |      |      |              |      |             |              |
| FXVS<br>1012C-<br>36T-K | 11930 | 7640  | 5680 | 3651 | 2997 | 6080 | 28.6 | (2x)<br>4.0  | 54.6 | (1x)<br>5.5 | (1x)<br>1479 |
| FXVS<br>1012C-<br>36T-L | 11970 | 7680  | 5720 | 3651 | 2997 | 6080 | 32.7 | (2x)<br>5.5  | 54.6 | (1x)<br>5.5 | (1x)<br>1479 |
| FXVS<br>1012C-<br>36T-M | 11990 | 7710  | 5750 | 3651 | 2997 | 6080 | 36.0 | (2x)<br>7.5  | 54.6 | (1x)<br>5.5 | (1x)<br>1479 |
| FXVS<br>1012C-<br>36T-O | 12030 | 7740  | 5780 | 3651 | 2997 | 6080 | 40.1 | (2x)<br>11.0 | 54.6 | (1x)<br>5.5 | (1x)<br>1479 |
| FXVS<br>1018C-<br>24Q-K | 15290 | 9540  | 6570 | 5480 | 2997 | 6230 | 43.9 | (3x)<br>4.0  | 85.2 | (1x)<br>7.5 | (1x)<br>1478 |
| FXVS<br>1018C-<br>24Q-L | 15350 | 9600  | 6630 | 5480 | 2997 | 6230 | 50.1 | (3x)<br>5.5  | 85.2 | (1x)<br>7.5 | (1x)<br>1478 |
| FXVS<br>1018C-<br>24Q-M | 15380 | 9630  | 6670 | 5480 | 2997 | 6230 | 55.1 | (3x)<br>7.5  | 85.2 | (1x)<br>7.5 | (1x)<br>1478 |
| FXVS<br>1018C-<br>24Q-O | 15490 | 9740  | 6780 | 5480 | 2997 | 6230 | 61.4 | (3x)<br>11.0 | 85.2 | (1x)<br>7.5 | (1x)<br>1478 |
| FXVS<br>1018C-<br>24Q-P | 15530 | 9780  | 6820 | 5480 | 2997 | 6230 | 67.5 | (3x)<br>15.0 | 85.2 | (1x)<br>7.5 | (1x)<br>1478 |
| FXVS<br>1018C-<br>24T-K | 15310 | 9560  | 6590 | 5480 | 2997 | 6230 | 43.9 | (3x)<br>4.0  | 85.2 | (1x)<br>7.5 | (1x)<br>1479 |
| FXVS<br>1018C-<br>24T-L | 15370 | 9620  | 6650 | 5480 | 2997 | 6230 | 50.2 | (3x)<br>5.5  | 85.2 | (1x)<br>7.5 | (1x)<br>1479 |
| FXVS<br>1018C-<br>24T-M | 15400 | 9650  | 6690 | 5480 | 2997 | 6230 | 55.2 | (3x)<br>7.5  | 85.2 | (1x)<br>7.5 | (1x)<br>1479 |
| FXVS<br>1018C-<br>24T-O | 15520 | 9770  | 6800 | 5480 | 2997 | 6230 | 61.5 | (3x)<br>11.0 | 85.2 | (1x)<br>7.5 | (1x)<br>1479 |
| FXVS<br>1018C-<br>24T-P | 15560 | 9810  | 6840 | 5480 | 2997 | 6230 | 67.6 | (3x)<br>15.0 | 85.2 | (1x)<br>7.5 | (1x)<br>1479 |
| FXVS<br>1018C-<br>32Q-K | 16880 | 10650 | 7680 | 5480 | 2997 | 6230 | 43.3 | (3x)<br>4.0  | 85.2 | (1x)<br>7.5 | (1x)<br>1963 |
| FXVS<br>1018C-<br>32Q-L | 16940 | 10710 | 7740 | 5480 | 2997 | 6230 | 49.5 | (3x)<br>5.5  | 85.2 | (1x)<br>7.5 | (1x)<br>1963 |
| FXVS<br>1018C-<br>32Q-M | 16980 | 10740 | 7780 | 5480 | 2997 | 6230 | 54.5 | (3x)<br>7.5  | 85.2 | (1x)<br>7.5 | (1x)<br>1963 |
| FXVS<br>1018C-<br>32Q-O | 17090 | 10860 | 7890 | 5480 | 2997 | 6230 | 60.7 | (3x)<br>11.0 | 85.2 | (1x)<br>7.5 | (1x)<br>1963 |
| FXVS<br>1018C-<br>32Q-P | 17130 | 10900 | 7930 | 5480 | 2997 | 6230 | 66.7 | (3x)<br>15.0 | 85.2 | (1x)<br>7.5 | (1x)<br>1963 |
| FXVS<br>1018C-<br>36H-K | 17840 | 11360 | 8390 | 5480 | 2997 | 6230 | 43.1 | (3x)<br>4.0  | 85.2 | (1x)<br>7.5 | (1x)<br>2204 |



|                                  |              |              |             |             |             |             |             |                      |             |                     |                      |
|----------------------------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|---------------------|----------------------|
| <b>FXVS<br/>1018C-<br/>36H-L</b> | <b>17900</b> | <b>11420</b> | <b>8450</b> | <b>5480</b> | <b>2997</b> | <b>6230</b> | <b>49.3</b> | <b>(3x)<br/>5.5</b>  | <b>85.2</b> | <b>(1x)<br/>7.5</b> | <b>(1x)<br/>2204</b> |
| <b>FXVS<br/>1018C-<br/>36H-M</b> | <b>17930</b> | <b>11450</b> | <b>8490</b> | <b>5480</b> | <b>2997</b> | <b>6230</b> | <b>54.2</b> | <b>(3x)<br/>7.5</b>  | <b>85.2</b> | <b>(1x)<br/>7.5</b> | <b>(1x)<br/>2204</b> |
| <b>FXVS<br/>1018C-<br/>36H-O</b> | <b>18020</b> | <b>11550</b> | <b>8580</b> | <b>5480</b> | <b>2997</b> | <b>6230</b> | <b>60.4</b> | <b>(3x)<br/>11.0</b> | <b>85.2</b> | <b>(1x)<br/>7.5</b> | <b>(1x)<br/>2204</b> |
| <b>FXVS<br/>1018C-<br/>36H-P</b> | <b>18060</b> | <b>11590</b> | <b>8620</b> | <b>5480</b> | <b>2997</b> | <b>6230</b> | <b>66.4</b> | <b>(3x)<br/>15.0</b> | <b>85.2</b> | <b>(1x)<br/>7.5</b> | <b>(1x)<br/>2204</b> |