



FXVS 0806-0818

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: 01/12/2024

FXVS 0806-0818





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 (m ³ /s) | Fan Motor (kW) | Water Flow (l/s) | Pump Motor (kW) | Coil Volume (L) |
|------------------|-------------------|------------------|-----------------------|-----------------|------|------|------------------------------|----------------|------------------|-----------------|-----------------|
| | Oper. Weight (kg) | Ship. Weight(kg) | Heaviest Section (kg) | L | W | H | | | | | |
| FXVS 0806B-12D-G | 3770 | 2500 | 1370 | 1822 | 2584 | 4792 | 11.7 | (1x) 2.2 | 18.3 | (1x) 1.5 | (1x) 183 |
| FXVS 0806B-12D-H | 3780 | 2510 | 1380 | 1822 | 2584 | 4792 | 13.8 | (1x) 4.0 | 18.3 | (1x) 1.5 | (1x) 183 |
| FXVS 0806B-12D-J | 3800 | 2540 | 1400 | 1822 | 2584 | 4792 | 15.8 | (1x) 5.5 | 18.3 | (1x) 1.5 | (1x) 183 |
| FXVS 0806B-12D-K | 3810 | 2540 | 1410 | 1822 | 2584 | 4792 | 17.4 | (1x) 7.5 | 18.3 | (1x) 1.5 | (1x) 183 |
| FXVS 0806B-12D-L | 3870 | 2610 | 1470 | 1822 | 2584 | 4792 | 19.4 | (1x) 11.0 | 18.3 | (1x) 1.5 | (1x) 183 |
| FXVS 0806B-16D-G | 3950 | 2630 | 1490 | 1822 | 2584 | 4792 | 11.6 | (1x) 2.2 | 18.3 | (1x) 1.5 | (1x) 237 |
| FXVS 0806B-16D-H | 3960 | 2640 | 1500 | 1822 | 2584 | 4792 | 13.7 | (1x) 4.0 | 18.3 | (1x) 1.5 | (1x) 237 |
| FXVS 0806B-16D-J | 3990 | 2660 | 1530 | 1822 | 2584 | 4792 | 15.6 | (1x) 5.5 | 18.3 | (1x) 1.5 | (1x) 237 |
| FXVS 0806B-16D-K | 3990 | 2670 | 1530 | 1822 | 2584 | 4792 | 17.2 | (1x) 7.5 | 18.3 | (1x) 1.5 | (1x) 237 |
| FXVS 0806B-16D-L | 4050 | 2730 | 1600 | 1822 | 2584 | 4792 | 19.2 | (1x) 11.0 | 18.3 | (1x) 1.5 | (1x) 237 |
| FXVS 0806B-20D-G | 4130 | 2760 | 1620 | 1822 | 2584 | 4792 | 11.4 | (1x) 2.2 | 18.3 | (1x) 1.5 | (1x) 293 |
| FXVS 0806B-20D-H | 4140 | 2770 | 1630 | 1822 | 2584 | 4792 | 13.5 | (1x) 4.0 | 18.3 | (1x) 1.5 | (1x) 293 |
| FXVS 0806B-20D-J | 4170 | 2790 | 1650 | 1822 | 2584 | 4792 | 15.5 | (1x) 5.5 | 18.3 | (1x) 1.5 | (1x) 293 |
| FXVS 0806B-20D-K | 4170 | 2800 | 1660 | 1822 | 2584 | 4792 | 17.0 | (1x) 7.5 | 18.3 | (1x) 1.5 | (1x) 293 |
| FXVS 0806B-20D-L | 4240 | 2860 | 1720 | 1822 | 2584 | 4792 | 18.9 | (1x) 11.0 | 18.3 | (1x) 1.5 | (1x) 293 |
| FXVS 0806B-24D-G | 4540 | 3110 | 2090 | 1822 | 2584 | 5673 | 11.3 | (1x) 2.2 | 18.3 | (1x) 1.5 | (1x) 348 |
| FXVS 0806B-24D-H | 4550 | 3120 | 2100 | 1822 | 2584 | 5673 | 13.4 | (1x) 4.0 | 18.3 | (1x) 1.5 | (1x) 348 |
| FXVS 0806B-24D-J | 4570 | 3140 | 2120 | 1822 | 2584 | 5673 | 15.3 | (1x) 5.5 | 18.3 | (1x) 1.5 | (1x) 348 |
| FXVS | 4580 | 3150 | 2130 | 1822 | 2584 | 5673 | 16.8 | (1x) | 18.3 | (1x) | (1x) |



| | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|--------------|------|-------------|-------------|
| 0806B-24D-K | | | | | | | | 7.5 | | 1.5 | 348 |
| FXVS 0806B-24D-L | 4640 | 3210 | 2190 | 1822 | 2584 | 5673 | 18.8 | (1x) 11.0 | 18.3 | (1x) 1.5 | (1x) 348 |
| FXVS 0806B-28D-G | 4720 | 3240 | 2220 | 1822 | 2584 | 5673 | 11.2 | (1x) 2.2 | 18.3 | (1x) 1.5 | (1x) 402 |
| FXVS 0806B-28D-H | 4730 | 3250 | 2230 | 1822 | 2584 | 5673 | 13.3 | (1x) 4.0 | 18.3 | (1x) 1.5 | (1x) 402 |
| FXVS 0806B-28D-J | 4760 | 3270 | 2250 | 1822 | 2584 | 5673 | 15.2 | (1x) 5.5 | 18.3 | (1x) 1.5 | (1x) 402 |
| FXVS 0806B-28D-K | 4760 | 3270 | 2260 | 1822 | 2584 | 5673 | 16.7 | (1x) 7.5 | 18.3 | (1x) 1.5 | (1x) 402 |
| FXVS 0806B-28D-L | 4830 | 3340 | 2320 | 1822 | 2584 | 5673 | 18.6 | (1x) 11.0 | 18.3 | (1x) 1.5 | (1x) 402 |
| FXVS 0806B-32D-G | 4910 | 3360 | 2350 | 1822 | 2584 | 5673 | 11.3 | (1x) 2.2 | 18.3 | (1x) 1.5 | (1x) 458 |
| FXVS 0806B-32D-H | 4920 | 3370 | 2360 | 1822 | 2584 | 5673 | 13.3 | (1x) 4.0 | 18.3 | (1x) 1.5 | (1x) 458 |
| FXVS 0806B-32D-J | 4940 | 3390 | 2380 | 1822 | 2584 | 5673 | 15.2 | (1x) 5.5 | 18.3 | (1x) 1.5 | (1x) 458 |
| FXVS 0806B-32D-K | 4940 | 3400 | 2380 | 1822 | 2584 | 5673 | 16.8 | (1x) 7.5 | 18.3 | (1x) 1.5 | (1x) 458 |
| FXVS 0806B-32D-L | 5010 | 3460 | 2450 | 1822 | 2584 | 5673 | 18.7 | (1x) 11.0 | 18.3 | (1x) 1.5 | (1x) 458 |
| FXVS 0806B-36D-G | 5090 | 3490 | 2470 | 1822 | 2584 | 5673 | 11.1 | (1x) 2.2 | 18.3 | (1x) 1.5 | (1x) 512 |
| FXVS 0806B-36D-H | 5100 | 3500 | 2480 | 1822 | 2584 | 5673 | 13.2 | (1x) 4.0 | 18.3 | (1x) 1.5 | (1x) 512 |
| FXVS 0806B-36D-J | 5120 | 3520 | 2500 | 1822 | 2584 | 5673 | 15.0 | (1x) 5.5 | 18.3 | (1x) 1.5 | (1x) 512 |
| FXVS 0806B-36D-K | 5130 | 3530 | 2510 | 1822 | 2584 | 5673 | 16.5 | (1x) 7.5 | 18.3 | (1x) 1.5 | (1x) 512 |
| FXVS 0806B-36D-L | 5180 | 3590 | 2570 | 1822 | 2584 | 5673 | 18.4 | (1x) 11.0 | 18.3 | (1x) 1.5 | (1x) 512 |
| FXVS 0809B-16D-K | 5650 | 3630 | 2090 | 2737 | 2584 | 4792 | 21.9 | (2x) 4.0 | 34.7 | (1x) 4.0 | (1x) 348 |
| FXVS 0809B-16D-L | 5710 | 3690 | 2150 | 2737 | 2584 | 4792 | 25.0 | (2x) 5.5 | 34.7 | (1x) 4.0 | (1x) 348 |
| FXVS 0809B-20D-K | 5920 | 3820 | 2280 | 2737 | 2584 | 4792 | 21.6 | (2x) 4.0 | 34.7 | (1x) 4.0 | (1x) 429 |
| FXVS 0809B- | 5980 | 3880 | 2340 | 2737 | 2584 | 4792 | 24.7 | (2x) 5.5 | 34.7 | (1x) 4.0 | (1x) 429 |



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|-------------------------|------|------|------|------|------|------|------|--------------|------|-------------|-------------|
| 20D-L | | | | | | | | | | | |
| FXVS 0809B- 24D-K | 6470 | 4280 | 2910 | 2737 | 2584 | 5673 | 21.6 | (2x) 4.0 | 34.7 | (1x) 4.0 | (1x) 512 |
| FXVS 0809B- 24D-L | 6530 | 4340 | 2960 | 2737 | 2584 | 5673 | 24.7 | (2x) 5.5 | 34.7 | (1x) 4.0 | (1x) 512 |
| FXVS 0809B- 24T-K | 6560 | 4380 | 3000 | 2737 | 2584 | 5673 | 21.5 | (2x) 4.0 | 34.7 | (1x) 4.0 | (1x) 513 |
| FXVS 0809B- 24T-L | 6620 | 4430 | 3060 | 2737 | 2584 | 5673 | 24.6 | (2x) 5.5 | 34.7 | (1x) 4.0 | (1x) 513 |
| FXVS 0809B- 28D-K | 6740 | 4470 | 3100 | 2737 | 2584 | 5673 | 21.4 | (2x) 4.0 | 34.7 | (1x) 4.0 | (1x) 594 |
| FXVS 0809B- 28D-L | 6800 | 4530 | 3150 | 2737 | 2584 | 5673 | 24.4 | (2x) 5.5 | 34.7 | (1x) 4.0 | (1x) 594 |
| FXVS 0809B- 30T-K | 7000 | 4690 | 3310 | 2737 | 2584 | 5673 | 21.3 | (2x) 4.0 | 34.7 | (1x) 4.0 | (1x) 635 |
| FXVS 0809B- 30T-L | 7050 | 4740 | 3370 | 2737 | 2584 | 5673 | 24.4 | (2x) 5.5 | 34.7 | (1x) 4.0 | (1x) 635 |
| FXVS 0809B- 32D-K | 7020 | 4660 | 3290 | 2737 | 2584 | 5673 | 21.3 | (2x) 4.0 | 34.7 | (1x) 4.0 | (1x) 677 |
| FXVS 0809B- 32D-L | 7070 | 4720 | 3340 | 2737 | 2584 | 5673 | 24.3 | (2x) 5.5 | 34.7 | (1x) 4.0 | (1x) 677 |
| FXVS 0809B- 36D-K | 7290 | 4850 | 3480 | 2737 | 2584 | 5673 | 21.1 | (2x) 4.0 | 34.7 | (1x) 4.0 | (1x) 759 |
| FXVS 0809B- 36D-L | 7350 | 4910 | 3530 | 2737 | 2584 | 5673 | 24.1 | (2x) 5.5 | 34.7 | (1x) 4.0 | (1x) 759 |
| FXVS 0809B- 36T-K | 7380 | 4940 | 3570 | 2737 | 2584 | 5673 | 21.1 | (2x) 4.0 | 34.7 | (1x) 4.0 | (1x) 759 |
| FXVS 0809B- 36T-L | 7440 | 5000 | 3620 | 2737 | 2584 | 5673 | 24.1 | (2x) 5.5 | 34.7 | (1x) 4.0 | (1x) 759 |
| FXVS 0812B- 12D-K | 6840 | 4220 | 2400 | 3651 | 2584 | 4792 | 27.9 | (2x) 4.0 | 45.4 | (1x) 4.0 | (1x) 348 |
| FXVS 0812B- 12D-L | 6880 | 4260 | 2440 | 3651 | 2584 | 4792 | 31.9 | (2x) 5.5 | 45.4 | (1x) 4.0 | (1x) 348 |
| FXVS 0812B- 12D-M | 6900 | 4290 | 2460 | 3651 | 2584 | 4792 | 35.0 | (2x) 7.5 | 45.4 | (1x) 4.0 | (1x) 348 |
| FXVS 0812B- 12D-O | 6950 | 4340 | 2510 | 3651 | 2584 | 4792 | 39.0 | (2x) 11.0 | 45.4 | (1x) 4.0 | (1x) 348 |
| FXVS 0812B- 16D-K | 7200 | 4480 | 2650 | 3651 | 2584 | 4792 | 27.5 | (2x) 4.0 | 45.4 | (1x) 4.0 | (1x) 458 |
| FXVS 0812B- 16D-L | 7240 | 4520 | 2690 | 3651 | 2584 | 4792 | 31.5 | (2x) 5.5 | 45.4 | (1x) 4.0 | (1x) 458 |



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|-------------------------|------|------|------|------|------|------|------|--------------|------|-------------|-------------|
| FXVS 0812B- 16D-M | 7270 | 4550 | 2720 | 3651 | 2584 | 4792 | 34.6 | (2x) 7.5 | 45.4 | (1x) 4.0 | (1x) 458 |
| FXVS 0812B- 16D-O | 7320 | 4590 | 2770 | 3651 | 2584 | 4792 | 38.5 | (2x) 11.0 | 45.4 | (1x) 4.0 | (1x) 458 |
| FXVS 0812B- 16Q-K | 7280 | 4550 | 2730 | 3651 | 2584 | 4792 | 27.4 | (2x) 4.0 | 45.4 | (1x) 4.0 | (1x) 456 |
| FXVS 0812B- 16Q-L | 7320 | 4590 | 2770 | 3651 | 2584 | 4792 | 31.4 | (2x) 5.5 | 45.4 | (1x) 4.0 | (1x) 456 |
| FXVS 0812B- 16Q-M | 7340 | 4620 | 2790 | 3651 | 2584 | 4792 | 34.5 | (2x) 7.5 | 45.4 | (1x) 4.0 | (1x) 456 |
| FXVS 0812B- 16Q-O | 7390 | 4670 | 2840 | 3651 | 2584 | 4792 | 38.4 | (2x) 11.0 | 45.4 | (1x) 4.0 | (1x) 456 |
| FXVS 0812B- 20D-K | 7560 | 4730 | 2900 | 3651 | 2584 | 4792 | 27.2 | (2x) 4.0 | 45.4 | (1x) 4.0 | (1x) 567 |
| FXVS 0812B- 20D-L | 7600 | 4770 | 2940 | 3651 | 2584 | 4792 | 31.1 | (2x) 5.5 | 45.4 | (1x) 4.0 | (1x) 567 |
| FXVS 0812B- 20D-M | 7630 | 4800 | 2970 | 3651 | 2584 | 4792 | 34.2 | (2x) 7.5 | 45.4 | (1x) 4.0 | (1x) 567 |
| FXVS 0812B- 20D-O | 7680 | 4850 | 3020 | 3651 | 2584 | 4792 | 38.1 | (2x) 11.0 | 45.4 | (1x) 4.0 | (1x) 567 |
| FXVS 0812B- 24Q-K | 8240 | 5300 | 3670 | 3651 | 2584 | 5673 | 26.9 | (2x) 4.0 | 45.4 | (1x) 4.0 | (1x) 678 |
| FXVS 0812B- 24Q-L | 8280 | 5340 | 3710 | 3651 | 2584 | 5673 | 30.8 | (2x) 5.5 | 45.4 | (1x) 4.0 | (1x) 678 |
| FXVS 0812B- 24Q-M | 8310 | 5360 | 3740 | 3651 | 2584 | 5673 | 33.8 | (2x) 7.5 | 45.4 | (1x) 4.0 | (1x) 678 |
| FXVS 0812B- 24Q-O | 8350 | 5410 | 3780 | 3651 | 2584 | 5673 | 37.7 | (2x) 11.0 | 45.4 | (1x) 4.0 | (1x) 678 |
| FXVS 0812B- 24T-K | 8260 | 5310 | 3690 | 3651 | 2584 | 5673 | 26.9 | (2x) 4.0 | 45.4 | (1x) 4.0 | (1x) 678 |
| FXVS 0812B- 24T-L | 8300 | 5350 | 3730 | 3651 | 2584 | 5673 | 30.8 | (2x) 5.5 | 45.4 | (1x) 4.0 | (1x) 678 |
| FXVS 0812B- 24T-M | 8320 | 5380 | 3760 | 3651 | 2584 | 5673 | 33.9 | (2x) 7.5 | 45.4 | (1x) 4.0 | (1x) 678 |
| FXVS 0812B- 24T-O | 8370 | 5430 | 3800 | 3651 | 2584 | 5673 | 37.7 | (2x) 11.0 | 45.4 | (1x) 4.0 | (1x) 678 |
| FXVS 0812B- 30T-K | 8830 | 5720 | 4090 | 3651 | 2584 | 5673 | 26.6 | (2x) 4.0 | 45.4 | (1x) 4.0 | (1x) 842 |
| FXVS 0812B- 30T-L | 8870 | 5760 | 4130 | 3651 | 2584 | 5673 | 30.4 | (2x) 5.5 | 45.4 | (1x) 4.0 | (1x) 842 |
| FXVS | 8890 | 5790 | 4160 | 3651 | 2584 | 5673 | 33.5 | (2x) | 45.4 | (1x) | (1x) |



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|---------------------|-------|------|------|------|------|------|------|--------------|------|-------------|--------------|
| 0812B-30T-M | | | | | | | | 7.5 | | 4.0 | 842 |
| FXVS 0812B-30T-O | 8940 | 5830 | 4210 | 3651 | 2584 | 5673 | 37.3 | (2x) 11.0 | 45.4 | (1x) 4.0 | (1x) 842 |
| FXVS 0812B-32Q-K | 8960 | 5800 | 4170 | 3651 | 2584 | 5673 | 26.5 | (2x) 4.0 | 45.4 | (1x) 4.0 | (1x) 897 |
| FXVS 0812B-32Q-L | 9000 | 5840 | 4210 | 3651 | 2584 | 5673 | 30.3 | (2x) 5.5 | 45.4 | (1x) 4.0 | (1x) 897 |
| FXVS 0812B-32Q-M | 9030 | 5860 | 4240 | 3651 | 2584 | 5673 | 33.4 | (2x) 7.5 | 45.4 | (1x) 4.0 | (1x) 897 |
| FXVS 0812B-32Q-O | 9080 | 5910 | 4290 | 3651 | 2584 | 5673 | 37.2 | (2x) 11.0 | 45.4 | (1x) 4.0 | (1x) 897 |
| FXVS 0812B-36T-K | 9340 | 6070 | 4440 | 3651 | 2584 | 5673 | 26.5 | (2x) 4.0 | 45.4 | (1x) 4.0 | (1x) 1006 |
| FXVS 0812B-36T-L | 9380 | 6110 | 4480 | 3651 | 2584 | 5673 | 30.2 | (2x) 5.5 | 45.4 | (1x) 4.0 | (1x) 1006 |
| FXVS 0812B-36T-M | 9410 | 6140 | 4510 | 3651 | 2584 | 5673 | 33.3 | (2x) 7.5 | 45.4 | (1x) 4.0 | (1x) 1006 |
| FXVS 0812B-36T-O | 9450 | 6170 | 4550 | 3651 | 2584 | 5673 | 37.0 | (2x) 11.0 | 45.4 | (1x) 4.0 | (1x) 1006 |
| FXVS 0818B-24Q-K | 12190 | 7730 | 5300 | 5480 | 2584 | 5826 | 43.7 | (3x) 4.0 | 54.6 | (1x) 5.5 | (1x) 1005 |
| FXVS 0818B-24Q-L | 12250 | 7790 | 5360 | 5480 | 2584 | 5826 | 49.9 | (3x) 5.5 | 54.6 | (1x) 5.5 | (1x) 1005 |
| FXVS 0818B-24Q-M | 12280 | 7830 | 5390 | 5480 | 2584 | 5826 | 54.9 | (3x) 7.5 | 54.6 | (1x) 5.5 | (1x) 1005 |
| FXVS 0818B-24Q-O | 12390 | 7940 | 5500 | 5480 | 2584 | 5826 | 61.2 | (3x) 11.0 | 54.6 | (1x) 5.5 | (1x) 1005 |
| FXVS 0818B-24T-K | 12210 | 7750 | 5320 | 5480 | 2584 | 5826 | 43.7 | (3x) 4.0 | 54.6 | (1x) 5.5 | (1x) 1006 |
| FXVS 0818B-24T-L | 12270 | 7810 | 5380 | 5480 | 2584 | 5826 | 50.0 | (3x) 5.5 | 54.6 | (1x) 5.5 | (1x) 1006 |
| FXVS 0818B-24T-M | 12300 | 7850 | 5410 | 5480 | 2584 | 5826 | 55.0 | (3x) 7.5 | 54.6 | (1x) 5.5 | (1x) 1006 |
| FXVS 0818B-24T-O | 12410 | 7960 | 5520 | 5480 | 2584 | 5826 | 61.2 | (3x) 11.0 | 54.6 | (1x) 5.5 | (1x) 1006 |
| FXVS 0818B-32Q-K | 13270 | 8490 | 6050 | 5480 | 2584 | 5826 | 43.1 | (3x) 4.0 | 54.6 | (1x) 5.5 | (1x) 1325 |
| FXVS 0818B-32Q-L | 13330 | 8550 | 6110 | 5480 | 2584 | 5826 | 49.3 | (3x) 5.5 | 54.6 | (1x) 5.5 | (1x) 1325 |
| FXVS 0818B- | 13370 | 8580 | 6150 | 5480 | 2584 | 5826 | 54.2 | (3x) 7.5 | 54.6 | (1x) 5.5 | (1x) 1325 |



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|----------------------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|---------------------|----------------------|
| 32Q-M | | | | | | | | | | | |
| FXVS 0818B- 32Q-O | 13480 | 8690 | 6260 | 5480 | 2584 | 5826 | 60.3 | (3x) 11.0 | 54.6 | (1x) 5.5 | (1x) 1325 |
| FXVS 0818B- 36H-K | 13930 | 8980 | 6540 | 5480 | 2584 | 5826 | 42.8 | (3x) 4.0 | 54.6 | (1x) 5.5 | (1x) 1499 |
| FXVS 0818B- 36H-L | 13990 | 9040 | 6600 | 5480 | 2584 | 5826 | 49.0 | (3x) 5.5 | 54.6 | (1x) 5.5 | (1x) 1499 |
| FXVS 0818B- 36H-M | 14020 | 9070 | 6640 | 5480 | 2584 | 5826 | 53.8 | (3x) 7.5 | 54.6 | (1x) 5.5 | (1x) 1499 |
| FXVS 0818B- 36H-O | 14120 | 9170 | 6730 | 5480 | 2584 | 5826 | 60.0 | (3x) 11.0 | 54.6 | (1x) 5.5 | (1x) 1499 |