FXVT Closed Circuit Cooling Tower Performance at Standard Conditions - Water

Condition Reference #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Wet Bulb °C	10	10	10	10	10	13	13	13	13	13	16	16	16	16	16	18	18	18	18	18	21	21	21	21	21	24	24	24	24	24	27	27	27	27	27	29	29	29	29	29	32.2	32.2	32.2	32.2	32.2	21	25.56	27	28
Range °C	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	5	6.67	5	5
Approach °C	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	6	6.67	5	4
Inlet Water Temperature °C	20	22	23	25	24	23	25	26	28	27	26	28	29	31	30	28	30	31	33	32	31	33	34	36	35	34	36	37	39	38	37	39	40	42	41	39	41	42	44	43	42.2	44.2	45.2	47.2	46.2	32	38.9	37	37
Outlet Water Temperature °C	14	16	17	18	16	17	19	20	21	19	20	22	23	24	22	22	24	25	26	24	25	27	28	29	27	28	30	31	32	30	31	33	34	35	33	33	35	36	37	35	36.2	38.2	39.2	40.2	38.2	27	32.2	32	32
Model Capacity (l/s)	**l/s**																																																
FXVT 288-3ML	34.8	52.0	60.7	60.8	40.3	38.9	57.9	67.5	67.6	45.1	43.5	64.5	75.1	75.3	50.4	47.0	69.3	80.6	80.8	54.4	52.6	77.1	89.5	89.8	60.8	58.9	85.8	99.3	99.5	67.9	65.8	95.1	109.8	110.1	75.7	70.8	101.8	117.3	117.5	81.2	79.3	113.1	129.9	130.0	90.7	89.9	91.6	93.3	79.0
FXVT 288-3NL	37.2	55.3	64.5	64.6	43.1	41.5	61.5	71.6	71.8	48.1	46.4	68.4	79.6	79.8	53.7	50.1	73.5	85.3	85.6	57.9	56.0	81.7	94.7	94.9	64.6	62.6	90.7	104.8	105.1	72.0	69.8	100.4	115.7	115.9	80.1	75.0	107.3	123.4	123.6	85.9	83.9	118.9	136.3	136.4	95.6	95.1	96.8	98.5	83.6
FXVT 288-3OL	39.2	58.1	67.7	67.8	45.4	43.8	64.6	75.1	75.3	50.6	48.9	71.8	83.4	83.6	56.5	52.7	77.1	89.4	89.6	60.8	58.9	85.6	99.0	99.2	67.8	65.7	94.9	109.4	109.7	75.5	73.2	104.9	120.6	120.8	83.8	78.6	111.9	128.5	128.6	89.7	87.7	123.8	141.6	141.7	99.8	99.4	101.1	102.9	87.4
FXVT 288-3PL	42.6	62.8	73.0	73.1	49.2	47.5	69.7	80.9	81.1	54.8	53.0	77.4	89.6	89.8	61.1	57.0	82.9	95.9	96.1	65.7	63.6	91.9	106.0	106.2	73.1	70.9	101.6	116.9	117.1	81.2	78.7	112.0	128.5	128.7	89.9	84.3	119.3	136.6	136.7	96.0	93.8	131.5			106.4	106.5	108.1	110.0	93.7
FXVT 288-3QL	45.4	66.5	77.3	77.4	52.3	50.5	73.8	85.5	85.7	58.2	56.3	81.8	94.6	94.8	64.8	60.6	87.6	101.2	101.4	69.6	67.4	96.9	111.6	111.8	77.3	75.0	106.9	122.9	123.0	85.7	83.1	117.7	134.8	134.9	94.7	88.9	125.2	143.0	143.1	101.0	98.7	137.6			111.7	112.2	113.6	115.6	98.7
FXVT 288-3RL	47.7	69.8	80.9	81.0	55.0	53.1	77.3	89.4	89.6	61.1	59.1	85.6	98.8	99.1	67.9	63.5	91.5	105.6	105.8	72.9	70.7	101.1	116.3	116.5	80.8	78.4	111.4	127.8	128.0	89.5	86.8	122.4	139.9	140.0	98.7	92.7	130.0	148.3	148.3	105.2	102.7	142.7			116.0	116.9	118.3	120.3	102.8
FXVT 288-4ML	35.4	53.4	62.5	62.6	41.2	39.7	59.6	69.6	69.8	46.3	44.6	66.6	77.6	77.9	52.0	48.3	71.7	83.5	83.9	56.2	54.4	80.2	93.1	93.5	63.1	61.2	89.5	103.6	104.0	70.9	68.8	99.7	115.0	115.5	79.4	74.3	106.9	123.1	123.6	85.5	83.7	119.3	136.8	137.3	96.0	93.3	95.9	97.6	82.7
FXVT 288-4NL	38.0	57.0	66.6	66.8	44.2	42.6	63.6	74.1	74.4	49.6	47.9	71.0	82.6	82.9	55.6	51.8	76.4	88.8	89.1	60.1	58.2	85.2	98.8	99.2	67.4	65.4	95.0	109.7	110.1	75.5	73.4	105.6	121.5	122.0	84.4	79.1	113.1	129.9	130.3	90.8	88.9	125.8	144.0	144.3	101.6	99.0	101.6	103.4	87.9
FXVT 288-4OL	40.3	60.1	70.1	70.3	46.8	45.1	67.0	78.0	78.3	52.4	50.7	74.7	86.8	87.1	58.7	54.7	80.3	93.2	93.5	63.4	61.5	89.5	103.5	104.0	71.0	69.0	99.6	114.8	115.3	79.4	77.2	110.5	127.0	127.4	88.6	83.1	118.2	135.5	135.9	95.2	93.2	131.2	149.9		106.3	103.8	106.5	108.3	92.2
FXVT 288-4PL	44.1	65.3	75.9	76.2	51.1	49.3	72.6	84.3	84.6	57.1	55.3	80.8	93.7	94.0	63.9	59.6	86.8	100.4	100.8	68.8	66.8	96.5	111.4	111.7	76.9	74.8	107.1	123.2	123.6	85.8	83.5	118.5	135.8	136.2	95.5	89.7	126.5	144.6	144.9	102.3	100.3	139.9			113.9	111.7	114.3	116.2	99.3
FXVT 288-4QL	47.2	69.5	80.6	80.9	54.6	52.7	77.2	89.5	89.8	60.9	59.0	85.8	99.2	99.6	68.1	63.6	92.1	106.3	106.6	73.3	71.1	102.2	117.6	118.0	81.7	79.4	113.1	129.8	130.2	91.0	88.5	124.8	142.7	143.1	101.0	94.9	133.1			108.0	105.8	146.8			119.8	118.0	120.5	122.5	104.9
FXVT 288-4RL	49.8	73.0	84.6	84.9	57.5	55.6	81.0	93.8	94.1	64.2	62.2	90.0	103.9	104.3	71.6	67.0	96.5	111.2	111.5	77.0	74.8	106.9	122.8	123.2	85.7	83.4	118.1	135.3	135.6	95.3	92.7	130.1	148.5	148.8	105.5	99.3	138.5			112.7	110.5				124.8	123.2	125.7	127.7	109.6
FXVT 288-QML	31.6	48.7	57.4	57.4	37.3	35.7	54.4	63.8	63.9	41.8	40.2	60.7	71.0	71.1	46.9	43.5	65.2	76.2	76.4	50.6	48.8	72.7	84.9	85.1	56.6	54.7	81.1	94.4	94.6	63.3	61.2	90.2	104.9	105.1	70.8	66.0	96.8	112.4	112.6	76.2	74.2	108.2	125.2	125.4	85.5	85.3	86.8	88.4	74.3
FXVT 288-QNL	33.9	52.1	61.0	61.1	39.9	38.2	57.9	67.7	67.9	44.7	42.9	64.5	75.3	75.5	50.0	46.4	69.3	80.8	81.0	53.9	52.0	77.2	89.9	90.1	60.3	58.2	85.9	99.8	100.0	67.3	65.1	95.4	110.7	110.9	75.1	70.1	102.3	118.5	118.7	80.7	78.7	114.1	131.8	132.0	90.4	90.3	91.8	93.5	78.7
FXVT 288-QOL	35.8	54.7	64.0	64.1	42.1	40.3	60.8	71.1	71.2	47.2	45.3	67.7	79.0	79.1	52.7	48.9	72.7	84.7	84.9	56.7	54.7	80.9	94.1	94.3	63.3	61.2	89.9	104.4	104.6	70.7	68.3	99.8	115.6	115.8	78.7	73.5	106.9	123.6	123.8	84.5	82.4	119.0	137.3	137.5	94.5	94.5	96.1	97.8	82.5
FXVT 288-QPL	39.0	59.2	69.1	69.2	45.7	43.9	65.7	76.6	76.8	51.2	49.3	73.0	85.0	85.2	57.0	53.0	78.3	91.1	91.3	61.3	59.2	87.0	101.0	101.2	68.4	66.1	96.5	111.8	112.0	76.1	73.7	106.9	123.6	123.8	84.6	79.1	114.3	131.9	132.1	90.7	88.4	126.9	146.1	146.2	101.2	101.5	103.0	104.8	88.6
FXVT 288-QQL	41.6	62.8	73.2	73.3	48.7	46.7	69.6	81.1	81.3	54.4	52.4	77.3	89.9	90.1	60.6	56.3	82.8	96.2	96.4	65.1	62.8	91.9	106.5	106.7	72.4	70.0	101.8	117.8	117.9	80.5	77.9	112.5	129.9	130.1	89.4	83.6	120.2	138.5	138.6	95.7	93.3	133.2	153.1	153.2	106.4	107.1	108.5	110.4	93.4
FXVT 288-QRL	43.8	65.8	76.7	76.8	51.4	49.2	72.9	84.9	85.0	57.1	55.0	80.9	94.0	94.2	63.5	59.2	86.7	100.6	100.7	68.2	65.9	96.0	111.2	111.4	75.9	73.3	106.2	122.7	122.9	84.2	81.5	117.3	135.2	135.3	93.3	87.3	125.1	144.0	144.1	99.8	97.3	138.4	158.9	158.9	110.8	111.7	113.1	115.1	97.5
FXVT 364-3NL	45.2	66.3	77.0	77.2	52.1	50.3	73.4	85.1	85.3	58.0	56.0	81.3	94.1	94.3	64.4	60.1	87.0	100.5	100.7	69.1	66.9	96.1	110.8	111.1	76.7	74.3	106.0	121.9	122.1	85.0	82.3	116.6	133.7	133.9	93.9	88.0	124.0	141.9	142.0	100.1	97.6	136.4			110.6	111.3	112.7	114.5	97.7
FXVT 364-3OL	47.6	69.6	80.7	80.9	54.9	52.9	77.0	89.1	89.3	60.9	58.9	85.2	98.4	98.6	67.7	63.2	91.0	105.0	105.3	72.5	70.2	100.5	115.6	115.9	80.4	77.9	110.6	127.0	127.2	88.9	86.1	121.5	139.0	139.2	98.0	92.0	129.1	147.4	147.5	104.4	101.8	141.6			115.1	116.2	117.5	119.3	102.0
FXVT 364-3PL	51.6	75.0	86.8	87.0	59.4	57.3	82.8	95.7	95.9	65.8	63.6	91.5	105.4	105.7	72.9	68.2	97.6	112.4	112.6	78.1	75.6	107.5	123.5	123.7	86.3	83.6	118.1	135.2	135.4	95.2	92.3	129.3	147.6	147.7	104.7	98.3	137.1			111.3	108.5	150.0			122.3	124.0	125.2	127.1	108.9
FXVT 364-3QL	54.9	79.4	91.7	91.9	63.0	60.9	87.5	101.0	101.2	69.8	67.5	96.5	111.1	111.3	77.2	72.2	102.9	118.3	118.5	82.5	79.9	113.1	129.7	129.8	91.1	88.3	124.0	141.7	141.8	100.2	97.2	135.5			110.0	103.4	143.4			116.7	113.8				128.0	130.3	131.2	133.3	114.4
FXVT 364-3RL	57.6	83.0	95.8	96.0	66.1	63.8	91.5	105.4	105.6	73.1	70.7	100.7	115.8	116.0	80.7	75.6	107.3	123.2	123.3	86.2	83.6	117.8	134.8	135.0	95.0	92.1	128.9	147.1	147.2	104.4	101.2	140.6			114.3	107.6	148.6			121.2	118.2				132.6	135.5	136.2	138.3	118.9
FXVT 364-3SL	61.1	87.6	101.0	101.2	69.9	67.6	96.4	110.9	111.1	77.2	74.7	106.0	121.7	121.8	85.2	79.8	112.8	129.3	129.4	90.9	88.1	123.6	141.2	141.3	100.0	96.9	135.0			109.6	106.2	146.9			119.7	112.8				126.8	123.5				138.2	142.0	142.4	144.6	124.5
FXVT 364-4NL	46.1	68.5	79.7	79.9	53.6	51.7	76.2	88.5	88.8	60.0	58.0	84.8	98.2	98.6	67.1	62.6	91.0	105.2	105.6	72.3	70.1	101.0	116.4	116.8	80.7	78.2	111.8	128.4	128.9	89.8	87.1	123.3	141.2	141.6	99.6	93.4	131.4			106.6	104.1	144.9			118.2	116.7	119.1	120.9	103.4
FXVT 364-4OL	48.9	72.1	83.7	84.0	56.6	54.7	80.2	92.9	93.3	63.3	61.3	89.1	103.0	103.4	70.8	66.1	95.5	110.2	110.6	76.1	73.8	105.8	121.7	122.2	84.8	82.3	116.9	134.1	134.5	94.3	91.5	128.8	147.1	147.5	104.4	98.0	137.0			111.4	108.9				123.3	122.1	124.5	126.3	108.3
FXVT 364-4PL	53.4	78.1	90.5	90.8	61.7	59.7	86.7	100.2	100.5	68.8	66.7	96.1	110.8	111.2	76.7	71.8	102.9	118.4	118.8	82.4	80.0	113.7	130.4	130.8	91.6	88.9	125.3	143.2	143.6	101.5	98.5	137.5			112.0	105.3	146.0			119.3	116.6				131.5	130.8	133.1	135.0	116.1
FXVT 364-4QL	57.1	82.9	95.9	96.2	65.8	63.7	91.9	106.0	106.4	73.3	71.0	101.8	117.1	117.5	81.6	76.4	108.8	124.9	125.3	87.5	84.9	120.0	137.3	137.7	97.0	94.2	131.9			107.2	104.1	144.4			118.0	111.1				125.5	122.7				137.9	137.8	139.9	141.9	122.3
FXVT 364-4RL	60.2	87.0	100.4	100.8	69.2	67.1	96.3	110.9	111.3	77.0	74.7	106.5	122.3	122.7	85.6	80.2	113.7	130.3	130.7	91.7	89.1	125.2	143.1	143.4	101.5	98.6	137.4			112.0	108.8				123.0	115.9				130.6	127.7				143.2	143.6	145.5	147.6	127.4
FXVT 364-4SL	64.1	92.2	106.2	106.5	73.6	71.3	101.9	117.1	117.4	81.8	79.3	112.4	128.8	129.2	90.7	85.1	119.9	137.1	137.5	97.0	94.3	131.7			107.1	104.1	144.2			117.9	114.6				129.1	121.8				136.9	133.8				149.6				133.8
FXVT 364-QNL	41.6	62.4	72.8	72.9	48.5	46.6	69.3	80.7	80.9	54.1	52.2	76.9	89.4	89.6	60.3	56.1	82.4	95.7	95.9	64.8	62.5	91.3	105.8	106.1	72.1	69.6	101.0	116.8	117.1	80.1	77.3	111.5	128.6	128.9	88.7	82.8	118.9	137.0	137.2	94.8	92.1	131.4	151.1	151.2	105.2	106.3	107.6	109.4	92.6
FXVT 364-QOL	43.9	65.6	76.4	76.5	51.2	49.2	72.8	84.6	84.8	57.0	55.0	80.7	93.7	93.9	63.5	59.1	86.4	100.1	100.4	68.1	65.8	95.6	110.6	110.9	75.7	73.1	105.6	122.0	122.2	83.9	81.1	116.4	134.1	134.3	92.8	86.7	124.0	142.6	142.8	99.1	96.3	136.9	157.1	157.2	109.8	111.1	112.4	114.2	96.9
FXVT 364-QPL	47.7	70.8	82.3	82.4	55.5	53.5	78.4	91.0	91.2	61.7	59.5	86.8	100.6	100.8	68.6	63.9	92.8	107.4	107.7	73.5	71.0	102.6	118.4	118.7	81.5	78.8	113.1	130.3	130.5	90.2	87.2	124.3	142.9	143.1	99.5	93.1	132.2	151.8	151.9	106.1	103.1	145.5	166.7	166.7	117.1	119.0	120.2	122.1	103.8
FXVT 364-QQL	50.9	75.0	87.0	87.2	59.0	56.9	83.0	96.1	96.3	65.5	63.2	91.7	106.1	106.3	72.7	67.8	98.1	113.3	113.5	77.9	75.3	108.2	124.7	124.9	86.2	83.3	119.0	136.9	137.1	95.2	92.0	130.6	149.9	150.1	104.8	98.1	138.8	159.0	159.1	111.6	108.5	152.4	174.3	174.2	123.0	125.3	126.3	128.3	109.3
FXVT 364-QRL	53.5	78.5	91.0	91.2	62.0	59.7	86.8	100.5	100.7	68.7	66.3	95.9	110.8	111.0	76.2	71.1	102.4	118.1	118.4	81.5	78.8	112.8	129.9	130.1	90.1	87.1	124.0	142.4	142.6	99.4	96.1	135.9	155.8	155.8	109.3	102.4	144.2	165.0	165.1	116.2	112.9	158.1	180.5	180.4	127.8	130.5	131.4	133.5	113.8
FXVT 364-QSL	57.1	83.0	96.1	96.3	65.7	63.3	91.6	105.9	106.1	72.7	70.3	101.1	116.6	116.9	80.5	75.2	107.9	124.3	124.5	86.1	83.2	118.6	136.4	136.6	95.0	91.9	130.2	149.3	149.4	104.6	101.1	142.4	163.0	163.0	114.8	107.6	150.9	172.5	172.4	121.9	118.5	165.1	188.2	188.1	133.7	137.1	137.8	140.0	119.5