FXVT Closed Circuit Cooling Tower Performance at Standard Conditions - 30% PG

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	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	14.8	45.0	54.5	54.8	32.3	29.9	51.5	61.6	61.8	38.3	36.3	58.3	70.7	70.8	44.2	40.2	64.7	75.9	76.0	48.2	46.0	72.0	84.3	84.5	55.9	53.8	80.1	93.5	93.6	62.4	60.0	88.8	103.5	103.6	69.4	64.5	95.1	110.6	110.6	74.5	72.2	105.6	122.5	122.4	83.1	84.8	85.5	87.1	72.8
FXVT 288-3NL	15.2	48.0	57.9	58.2	34.8	32.4	54.7	65.3	67.4	40.9	38.8	63.7	74.8	74.9	46.9	42.8	68.4	80.2	80.3	51.1	48.9	76.1	89.0	89.1	59.2	56.9	84.5	98.6	98.7	65.9	63.5	93.6	108.9	109.0	73.3	68.1	100.1	116.2	116.2	78.5	76.2	111.0	128.5	128.3	87.5	89.6	90.2	91.8	76.8
FXVT 288-3OL		50.5	60.7	61.1	36.8	34.5	57.4	70.4	70.5	43.1	40.9	66.7	78.2	78.3	49.3	45.0	71.6	83.8	83.9	53.6	51.3	79.5	93.0	93.0	61.9	59.6	88.2	102.8	102.9	68.9	66.3	97.6	113.5	113.5	76.5	71.2	104.2	120.9	120.9	81.9	79.5	115.4	133.4	133.3	91.1	93.5	94.1	95.8	80.2
FXVT 288-3PL	29.3	54.5	65.5	65.8	40.2	37.7	61.9	75.6	75.7	46.6	44.3	71.6	83.8	83.9	53.2	48.6	76.8	89.8	89.9	59.7	57.3	85.2	99.4	99.4	66.4	63.9	94.3	109.7	109.8	73.8	71.0	104.1	120.8	120.7	81.8	76.1	111.0	128.5	128.4	87.5	84.8	122.5	141.3	141.1	97.0	100.0	100.4	102.2	85.7
FXVT 288-3QL	32.5	57.9	69.3	72.0	42.8	40.4	65.5	79.7	79.8	49.5	47.1	75.5	88.4	88.4	56.3	51.5	80.9	94.6	94.6	63.0	60.5	89.7	104.5	104.6	70.0	67.4	99.1	115.2	115.2	77.7	74.8	109.2	126.6	126.5	86.0	80.1	116.3	134.5	134.3	91.8	89.0	128.1	147.6	147.3	101.7	105.2	105.4	107.3	90.1
FXVT 288-3RL	34.9	60.6	72.5	75.2	45.1	42.5	71.0	83.3	83.3	51.9	49.4	78.8	92.2	92.2	61.2	54.0	84.4	98.6	98.6	65.8	63.2	93.4	108.8	108.8	73.1	70.3	103.2	119.8	119.7	81.0	77.9	113.5	131.4	131.2	89.5	83.4	120.7	139.4	139.2	95.5	92.5	132.8			105.5	109.6	109.6	111.5	93.7
FXVT 288-4ML	27.3	48.7	58.2	58.5	36.1	34.2	55.2	67.0	67.2	41.8	39.8	63.7	74.6	74.8	47.6	43.7	68.5	80.2	80.4	51.8	49.7	76.4	89.3	89.5	59.6	57.5	85.2	99.3	99.5	66.7	64.4	94.8	110.2	110.4	74.5	69.4	101.6	117.9	118.1	80.1	78.0	113.3	131.0	131.1	89.8	89.7	91.2	92.8	77.9
FXVT 288-4NL	30.2	51.9	61.9	62.2	38.8	36.7	58.7	71.2	71.3	44.6	42.6	67.6	79.2	79.4	50.8	46.6	72.7	85.0	85.3	55.2	53.0	81.0	94.6	94.8	63.3	61.1	90.2	105.0	105.2	70.8	68.4	100.2	116.3	116.5	78.9	73.6	107.3	124.3	124.4	84.8	82.6	119.3	137.7	137.8	94.8	95.0	96.4	98.2	82.6
FXVT 288-4OL	32.4	54.7	65.1	65.4	41.0	38.9	61.8	74.7	74.8	47.1	45.0	71.0	83.0	83.2	53.5	49.2	76.3	89.1	89.3	59.5	57.4	84.9	99.0	99.2	66.5	64.2	94.4	109.8	110.0	74.2	71.7	104.7	121.4	121.6	82.7	77.2	112.0	129.6	129.7	88.7	86.4	124.4	143.3	143.3	99.1	99.5	100.9	102.7	86.5
FXVT 288-4PL	35.9	59.3	70.4	72.6	44.7	42.5	66.8	80.5	80.6	51.1	48.9	76.5	89.4	89.6	57.9	53.3	82.2	95.8	96.0	64.2	62.0	91.3	106.3	106.5	71.7	69.2	101.3	117.6	117.8	79.9	77.2	112.1	129.7	129.8	88.8	82.9	119.8	138.2	138.2	95.2	92.7	132.5			105.9	106.8	108.1	110.0	92.8
FXVT 288-4QL	38.7	63.0	74.7	76.9	47.7	45.4	72.9	85.2	85.4	54.4	52.1	81.0	94.5	94.7	63.3	56.7	86.9	101.3	101.5	68.1	65.7	96.5	112.1	112.3	75.9	73.3	106.9	123.8	124.0	84.5	81.6	118.1	136.3	136.4	93.7	87.6	125.9	144.9	145.0	100.3	97.7	139.0			111.3	112.7	113.9	115.9	97.9
FXVT 288-4RL	41.0	66.1	80.4	80.6	50.3	47.9	76.3	89.2	89.3	57.2	54.8	84.8	98.9	99.0	66.4	59.6	90.9	105.8	106.0	71.3	68.9	100.8	117.0	117.2	79.4	76.7	111.5	129.0	129.1	88.3	85.3	123.0	141.8	141.8	97.8	91.4	131.0			104.5	101.8	144.3			115.8	117.6	118.7	120.8	102.2
FXVT 288-QNL		19.5			15.0	14.0				15.6	14.5	21.1	52.0	53.6			41.7	60.1	61.1	16.6	14.6	56.4	70.7	71.3			66.6	81.0	81.5	46.6	42.9	76.5	94.2	94.3	56.3	50.0	83.2	101.0	101.1	62.3	59.7	96.2	112.7	112.7	71.9	70.6	73.1	74.3	58.8
FXVT 288-QNL		20.0			15.3	14.3					14.8		56.5	57.8			47.7	64.3	65.3	16.9	15.7	60.3	75.1	75.7			70.7	85.7	86.2	50.2	46.5	80.9	99.2	99.2	59.9	53.4	90.5	106.3	106.3	66.1	63.3	101.1	118.4	118.3	75.9	75.1	77.3	78.6	62.6
FXVT 288-QOL				23.4	15.6	14.6		24.8					60.0	61.3			51.5	67.8	68.7		15.9	63.7	78.7	79.3	38.7		74.2	89.6	90.1	53.2	49.5	84.6	103.3	103.4	62.9	56.3	94.3	110.7	110.7	69.2	66.3	105.2	123.1	123.0	81.7	78.8	80.9	82.3	65.7
FXVT 288-QPL			24.6	24.2	16.1	14.9	21.8	49.0	53.0				65.7	66.8			57.2	73.5	74.3			69.0	84.7	85.3	45.9	39.5	79.8	99.4	99.4	57.9	54.1	90.6	110.2	110.2	67.8	60.9	100.5	117.8	117.8	74.2	71.2	111.9	130.7	130.6	87.0	84.8	86.8	88.2	70.8
FXVT 288-QQL			25.2		16.4	15.2	22.3	55.6	58.1			51.1	70.1	71.1	17.5		61.5	78.0	78.8			73.2	89.5	90.1	50.1	45.1	84.3	104.4	104.5	61.6	57.8	98.5	115.6	115.6	71.7	64.6	105.5	123.5	123.4	78.3	75.1	117.2	136.8	136.5	91.2	89.7	91.5	93.0	74.9
FXVT 288-QRL			25.7		16.7	15.5		59.9	61.9			55.3	73.8	74.8	17.8		65.0	81.8	82.5			76.8	93.6	94.1	53.4	48.7	88.0	108.7	108.7	64.7	60.7	102.5	120.2	120.1	74.9	67.6	109.6	128.2	128.1	81.6	78.3	121.6	141.8	141.5	94.7	93.8	98.7	100.4	78.3
FXVT 364-3NL	36.6	59.9	71.1	73.4	45.4	43.0	67.3	81.0	81.1	51.6	49.2	76.8	89.6	89.7	58.2	53.5	82.2	95.8	95.9	64.3	61.9	90.8	105.6	105.7	71.4	68.7	100.2	116.3	116.3	79.0	76.1	110.3	127.6	127.6	87.3	81.4	117.4	135.5	135.5	93.1	90.3	129.2	148.7	148.5	103.0	106.3	106.5	108.3	91.2
FXVT 364-3OL	38.8	62.8	76.7	76.7	47.7	45.3	72.5	84.7	84.8	54.2	51.7	80.3	93.6	93.7	62.8	56.1	85.8	100.0	100.1	67.3	64.8	94.8	110.1	110.2	74.6	71.8	104.5	121.1	121.1	82.5	79.5	114.8	132.7	132.6	91.0	84.9	122.1	140.7	140.6	97.0	94.0	134.2			107.1	110.8	111.0	112.8	95.1
FXVT 364-3PL	42.3	67.6	82.2	82.3	51.6	49.0	77.8	90.8	90.8	58.4	55.7	86.0	100.1	100.2	67.4	60.4	91.9	106.8	106.9	72.2	69.4	101.3	117.5	117.5	79.9	76.9	111.4	128.8	128.8	88.2	84.9	122.1	140.8	140.7	97.0	90.5	129.6	149.1	148.9	103.3	100.0	142.0			113.6	118.2	118.1	120.1	101.4
FXVT 364-3QL	45.1	71.5	86.7	86.8	54.7	52.0	82.0	95.6	95.7	61.7	59.0	90.6	105.3	105.4	71.1	66.0	96.7	112.3	112.3	76.1	73.2	106.4	123.3	123.3	84.1	80.9	116.9	135.0	134.9	92.6	89.2	127.9	147.2	147.0	101.8	95.0	135.5			108.2	104.8	148.1			118.8	124.1	123.7	125.8	106.4
FXVT 364-3RL	47.5	74.7	90.4	90.5	57.3	54.5	85.6	99.7	99.7	64.6	61.7	94.4	109.7	109.8	74.2	68.9	100.7	116.8	116.9	79.3	76.3	110.7	128.1	128.1	87.6	84.3	121.4	140.0	139.9	96.4	92.8	132.7			105.8	98.8	140.4			112.3	108.7				123.0	129.0	128.4	130.5	110.5
FXVT 364-3SL	50.4	81.6	95.2	95.3	60.6	57.7	90.0	104.8	104.8	70.6	67.8	99.2	115.2	115.2	78.1	72.6	105.7	122.5	122.5	83.4	80.2	116.1	134.1	134.1	92.0	88.5	127.1	146.3	146.1	101.1	97.3	138.5			110.7	103.4	146.4			117.3	113.6				128.3	135.1	134.2	136.4	115.6
FXVT 364-4NL	40.6	64.0	77.3	77.4	49.0	46.9	73.5	85.7	86.0	55.6	53.3	81.6	95.1	95.3	64.0	57.8	87.5	101.8	102.1	68.8	66.4	97.0	112.6	112.8	76.6	73.9	107.3	124.1	124.4	85.1	82.2	118.3	136.4	136.6	94.2	88.0	126.0	145.0	145.1	100.7	97.9	138.9			111.6	113.1	114.2	116.1	98.2
FXVT 364-4OL	43.0	67.3	81.1	81.2	51.7	49.4	77.1	89.9	90.1	58.5	56.1	85.6	99.6	99.8	67.2	62.5	91.7	106.5	106.8	72.2	69.7	101.5	117.7	117.9	80.3	77.6	112.1	129.5	129.7	89.1	86.1	123.4	142.1	142.2	98.5	92.1	131.3			105.2	102.2	144.4			116.3	118.2	119.3	121.2	102.7
FXVT 364-4PL	46.9	72.7	87.3	87.5	56.1	53.7	83.0	96.7	96.9	63.3	60.8	92.1	107.0	107.2	72.5	67.5	98.5	114.3	114.5	77.9	75.2	108.9	125.9	126.1	86.4	83.5	120.0	138.3	138.4	95.6	92.4	131.7			105.5	98.7	139.9			112.4	109.3				123.9	126.6	127.4	129.4	109.9
FXVT 364-4QL	50.1	79.3	92.4	92.6	59.7	57.1	87.9	102.2	102.4	69.1	64.6	97.3	112.9	113.1	76.8	71.6	104.0	120.5	120.7	82.4	79.5	114.8	132.5	132.7	91.3	88.2	126.2	145.3	145.3	100.9	97.5	138.3			111.1	104.0	146.6			118.1	114.8				129.8	133.2	133.8	135.9	115.7
FXVT 364-4RL	52.7	83.0	96.6	96.8	62.7	60.1	91.9	106.8	107.0	72.4	69.8	101.7	117.8	118.0	80.5	75.0	108.7	125.7	125.8	86.2	83.2	119.7	138.0	138.1	95.4	92.2	131.5			105.3	101.7	143.7			115.7	108.3				122.9	119.4				134.7	138.8	139.2	141.3	120.5
FXVT 364-4SL	56.1	87.7	102.0	102.2	66.5	63.8	97.1	112.6	112.8	76.6	73.9	107.2	124.1	124.3	85.0	79.3	114.4	132.2	132.3	91.0	87.9	125.9	144.9	144.9	100.5	97.1	137.9			110.7	107.0				121.4	113.8				128.7	125.1				140.8	145.7	145.8	148.1	126.4
FXVT 364-QNL	15.8	22.9						62.7	64.1			58.9	74.5	75.3			66.6	81.8	82.5	43.6		77.2	92.8	93.3	56.5	52.9	87.7	106.7	106.8	66.2	62.7	100.9	117.7	117.8	75.5	68.9	107.7	125.5	125.5	84.4	78.6	119.2	138.4	138.3	93.8	92.9	97.3	98.9	78.6
FXVT 364-QOL	16.1	23.3			52.6			66.4	67.8	18.6		62.4	78.3	79.1			70.1	85.7	86.4	47.7	41.7	80.9	97.0	97.5	59.6	55.9	91.6	111.2	111.3	69.4	65.8	105.1	122.6	122.6	78.9	72.1	112.1	130.5	130.4	87.9	84.9	123.9	143.7	143.6	97.6	97.2	101.4	103.1	82.2
FXVT 364-QPL	16.5	24.0	56.9	60.0			52.9	72.4	73.7		17.7	68.1	84.4	85.2			75.9	92.2	92.8	53.3	48.6	87.0	103.9	107.5	64.7	60.8	98.1	118.5	118.6	74.7	70.9	111.9	130.4	130.3	87.7	77.3	119.2	138.6	138.5	93.6	90.3	131.5	152.3	152.0	103.7	104.2	108.1	109.8	88.0
FXVT 364-QQL			62.7	65.1			58.5	77.2	78.3			72.6	89.4	90.2	45.8		80.4	97.4	98.0	57.4	52.9	91.8	112.9	113.0	68.6	64.7	106.6	124.4	124.4	78.9	74.9	117.4	136.6	136.5	92.0	81.5	124.9	145.0	144.8	98.2	94.7	137.4	159.0	158.6	108.5	109.8	113.4	115.2	92.7
FXVT 364-QRL			67.1	69.1			62.7	81.2	82.2			76.3	93.6	94.3	50.9		84.3	101.7	102.3	60.7	56.3	95.9	117.5	117.5	72.0	67.9	110.9	129.3	129.2	82.4	78.3	121.9	141.7	141.6	95.7	85.0	129.6	150.3	150.1	102.0	98.3	142.4	164.5	164.1	112.5	118.3	117.8	119.7	100.0
FXVT 364-QSL			72.2	74.0			67.5	86.1	87.1	20.1		81.0	98.8	99.4	55.7		89.0	107.1	107.6	64.8	60.4	101.0	123.2	123.2	76.1	71.9	116.2	135.4	135.3	86.7	82.4	127.6	148.1	147.9	100.2	92.9	135.4	156.9	156.6	106.7	102.8	148.5	171.4	170.9	117.5	124.1	123.3	125.3	104.8