

49-point operating performance table for COFINAIR - XOCT Family - XTAR Line

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
Wet Bulb °C	10	10	10	10	10	13	13	13	13	13	16	12	16	16	16	18	18	18	18	18	21	21	21	21	21
Range °C	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8
Approach °C	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7
Inlet Water Temperature °C	20	22	23	22	25	23	25	26	25	28	26	28	29	28	31	28	30	31	30	33	31	33	34	33	36
Outlet Water Temperature °C	14	16	17	14	17	17	19	20	17	20	20	22	23	20	23	22	24	25	22	25	25	27	28	25	28
Model	Water flow rates (l/s) for indicated conditions																								
XTO-x-01-E09-S-03-1-011-24-PL-BA	6.6	9.1	10.4	NC	8.7	7.5	10.2	11.6	NC	9.8	8.4	11.5	13.0	7.2	11.0	9.2	12.4	14.0	7.8	11.9	10.4	14.0	15.7	8.9	13.4
XTO-x-02-E09-S-03-1-022-24-PL-BA	13.3	18.2	20.8	NC	17.3	14.9	20.5	23.3	NC	19.5	16.8	23.0	26.0	14.4	22.1	18.3	24.8	28.0	15.7	23.8	20.8	27.9	31.5	17.9	26.8
XTO-x-03-E09-S-03-1-033-24-PL-BA	19.9	27.3	31.2	NC	26.0	22.4	30.7	34.9	NC	29.3	25.3	34.5	39.0	21.6	33.1	27.5	37.3	42.0	23.5	35.8	31.3	41.9	47.2	26.8	40.2
XTO-x-04-E09-S-03-1-044-24-PL-BA	26.5	36.4	41.6	NC	34.6	29.8	41.0	46.5	NC	39.0	33.7	46.0	52.0	28.8	44.2	36.6	49.7	56.0	31.3	47.7	41.7	55.8	62.9	35.7	53.7
XTO-x-05-E09-S-03-1-055-24-PL-BA	33.1	45.5	52.0	NC	43.3	37.3	51.2	58.1	NC	48.8	42.1	57.5	65.0	36.0	55.2	45.8	62.1	70.0	39.2	59.6	52.1	69.8	78.6	44.7	67.1
XTO-x-06-E09-S-03-1-066-24-PL-BA	39.7	54.6	62.3	NC	52.0	44.7	61.4	69.7	NC	58.6	50.5	69.0	78.0	43.2	66.2	54.9	74.5	84.0	47.0	71.5	62.5	83.7	94.4	53.6	80.5
XTO-x-07-E09-S-03-1-077-24-PL-BA	46.4	63.7	72.7	NC	60.6	52.2	71.7	81.4	NC	68.3	58.9	80.5	90.9	50.4	77.3	64.1	86.9	98.0	54.8	83.4	72.9	97.7	110.1	62.5	93.9
XTO-x-08-E09-S-03-1-088-24-PL-BA	53.0	72.8	83.1	NC	69.3	59.7	81.9	93.0	NC	78.1	67.4	92.0	103.9	57.6	88.3	73.3	99.4	112.0	62.7	95.3	83.4	111.6	125.8	71.5	107.3
XTO-x-09-E09-S-03-1-099-24-PL-BA	59.6	81.9	93.5	NC	77.9	67.1	92.2	104.6	NC	87.8	75.8	103.5	116.9	64.8	99.3	82.4	111.8	126.0	70.5	107.3	93.8	125.6	141.6	80.4	120.7
XTO-x-10-E09-S-03-1-110-24-PL-BA	66.2	91.0	103.9	NC	86.6	74.6	102.4	116.2	NC	97.6	84.2	115.0	129.9	71.9	110.4	91.6	124.2	140.0	78.3	119.2	104.2	139.5	157.3	89.3	134.1
XTO-x-11-E09-S-03-1-121-24-PL-BA	72.9	100.1	114.3	NC	95.3	82.0	112.6	127.9	NC	107.3	92.6	126.5	142.9	79.1	121.4	100.7	136.6	154.0	86.2	131.1	114.6	153.5	173.0	98.2	147.5
XTO-x-01-E08-S-11-1-011-24-PL-BA	7.7	10.7	12.2	6.6	10.2	8.7	12.0	13.6	7.4	11.5	9.9	13.5	15.3	8.4	12.9	10.8	14.6	16.5	9.2	13.9	12.2	16.4	18.6	10.5	15.7
XTO-x-02-E08-S-11-1-022-24-PL-BA	15.5	21.4	24.3	13.2	20.4	17.5	24.0	27.2	14.8	23.0	19.8	26.9	30.5	16.9	25.8	21.6	29.1	33.0	18.4	27.9	24.4	32.8	37.1	21.1	31.5
XTO-x-03-E08-S-11-1-033-24-PL-BA	23.2	32.2	36.5	19.8	30.5	26.2	36.0	40.8	22.3	34.4	29.7	40.4	45.7	25.3	38.7	32.4	43.7	49.4	27.6	41.8	36.6	49.2	55.7	31.6	47.2
XTO-x-04-E08-S-11-1-044-24-PL-BA	31.0	42.9	48.7	26.4	40.7	34.9	48.0	54.4	29.7	45.9	39.6	53.8	61.0	33.7	51.6	43.2	58.2	65.9	36.8	55.8	48.8	65.6	74.3	42.2	63.0
XTO-x-05-E08-S-11-1-055-24-PL-BA	38.7	53.6	60.8	33.0	50.9	43.7	60.0	68.0	37.1	57.4	49.5	67.3	76.2	42.2	64.4	54.1	72.8	82.4	46.0	69.7	61.1	82.0	92.9	52.7	78.7
XTO-x-06-E08-S-11-1-066-24-PL-BA	46.5	64.3	73.0	39.6	61.1	52.4	72.0	81.6	44.5	68.8	59.5	80.8	91.5	50.6	77.3	64.9	87.3	98.9	55.2	83.6	73.3	98.4	111.4	63.2	94.5
XTO-x-07-E08-S-11-1-077-24-PL-BA	54.2	75.0	85.2	46.2	71.3	61.2	84.0	95.2	51.9	80.3	69.4	94.2	106.7	59.0	90.2	75.7	101.9	115.4	64.4	97.6	85.5	114.8	130.0	73.8	110.2
XTO-x-08-E08-S-11-1-088-24-PL-BA	61.9	85.8	97.3	52.8	81.4	69.9	96.0	108.8	59.4	91.8	79.3	107.7	122.0	67.5	103.1	86.5	116.5	131.9	73.6	111.5	97.7	131.2	148.6	84.3	126.0
XTO-x-09-E08-S-11-1-099-24-PL-BA	69.7	96.5	109.5	59.4	91.6	78.6	108.0	122.3	66.8	103.3	89.2	121.1	137.2	75.9	116.0	97.3	131.0	148.3	82.8	125.5	109.9	147.7	167.1	94.9	141.7
XTO-x-10-E08-S-11-1-110-24-PL-BA	77.4	107.2	121.6	66.0	101.8	87.4	120.0	135.9	74.2	114.7	99.1	134.6	152.5	84.4	128.9	108.1	145.6	164.8	92.0	139.4	122.1	164.1	185.7	105.4	157.4
XTO-x-11-E08-S-11-1-121-24-PL-BA	85.2	117.9	133.8	72.6	112.0	96.1	132.0	149.5	81.6	126.2	109.0	148.0	167.7	92.8	141.8	118.9	160.1	181.3	101.2	153.3	134.3	180.5	204.3	115.9	173.2

Condition Reference #	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	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	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	5	5.56	5	5	
Approach °C	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	6	3.89	5	4	
Inlet Water Temperature °C	34	36	37	36	39	37	39	40	39	42	39	41	42	41	44	42.2	44.2	45.2	44.2	47.2	32	35.00	37	37	
Outlet Water Temperature °C	28	30	31	28	31	31	33	34	31	34	33	35	36	33	36	36.2	38.2	39.2	36.2	39.2	27	29.44	32	32	
Model	Water flow rates (l/s) for indicated conditions																								
XTO-x-01-E09-S-03-1-011-24-PL-BA	11.8	15.7	17.7	10.2	15.1	13.4	17.7	19.9	11.7	17.1	14.5	19.2	NC	12.7	18.5	16.5	NC	NC	14.5	NC	15.5	12.8	17.1	15.3	
XTO-x-02-E09-S-03-1-022-24-PL-BA	23.6	31.4	35.4	20.4	30.2	26.7	35.4	39.9	23.3	34.1	29.0	38.4	NC	25.3	37.0	33.1	NC	NC	29.0	NC	31.0	25.7	34.3	30.6	
XTO-x-03-E09-S-03-1-033-24-PL-BA	35.4	47.1	53.1	30.6	45.3	40.1	53.1	59.8	35.0	51.2	43.5	57.5	NC	38.0											