

49-point operating performance table for JACIR VAP 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	16	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																								
VAP-24-24D-MA-110	16.8	22.0	24.6	NC	21.0	18.6	24.3	27.1	16.2	23.2	20.6	26.8	30.0	18.0	25.7	22.0	28.7	32.1	19.3	27.6	24.5	31.9	35.6	21.5	30.7
VAP-24-24-MA-110	19.4	25.2	28.1	16.9	24.1	21.3	27.8	31.0	18.7	26.6	23.6	30.7	34.2	20.7	29.4	25.3	32.8	36.5	22.2	31.5	28.1	36.4	40.5	24.6	35.0
VAP-29-24-MA-150	26.4	34.1	37.9	23.2	32.7	29.1	37.5	41.7	25.7	36.1	32.2	41.4	46.0	28.4	39.9	34.4	44.3	49.2	30.4	42.7	38.2	49.1	54.4	33.8	47.3
VAP-30-30-MA-185	31.3	40.7	45.5	27.3	39.0	34.4	44.9	50.2	30.1	43.1	38.1	49.7	55.4	33.4	47.7	40.8	53.2	59.3	35.8	51.1	45.4	59.0	65.7	39.8	56.7
VAP-35-30-MA-220	37.1	48.4	54.0	32.4	46.3	40.9	53.3	59.6	35.8	51.1	45.3	58.9	65.8	39.9	56.6	48.5	63.1	70.5	42.5	60.6	53.9	70.1	78.2	47.3	67.4
VAP-35-35-MA-220	38.3	50.4	56.6	NC	48.2	42.4	55.7	62.5	36.8	53.2	46.9	61.8	69.2	40.9	59.1	50.4	66.2	74.1	43.9	63.4	56.1	73.6	82.3	49.0	70.6
VAP-35-35-MA-300	43.0	56.3	63.0	37.4	53.8	47.4	62.1	69.4	41.4	59.4	52.5	68.6	76.6	45.8	65.7	56.3	73.4	82.0	49.1	70.4	62.5	81.4	90.8	54.7	78.2
VAP-40-40-MA-370	48.8	63.8	71.3	NC	61.0	53.8	70.3	78.5	46.9	67.2	59.4	77.6	86.6	51.9	74.4	63.7	83.0	92.6	55.7	79.7	70.7	92.0	102.6	61.9	88.4
VAP-45-45-MA-450	58.8	76.8	85.9	NC	73.4	64.8	84.6	94.6	56.5	81.0	71.7	93.6	104.5	62.6	89.6	76.7	100.1	111.7	67.1	96.0	85.3	111.0	123.9	74.6	106.6

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																								
VAP-24-24D-MA-110	27.3	35.5	39.5	24.0	34.1	30.5	39.5	43.9	26.8	38.0	32.8	42.4	47.1	28.9	40.8	36.9	47.4	NC	32.5	45.8	35.2	29.4	38.4	34.5	
VAP-24-24-MA-110	31.2	40.3	44.8	27.5	38.8	34.8	44.8	49.7	30.7	43.2	37.4	48.0	NC	33.0	46.3	41.9	NC	NC	37.0	51.7	40.0	33.6	43.6	39.3	
VAP-29-24-MA-150	42.5	54.4	60.3	37.7	52.6	47.3	60.4	NC	42.0	58.4	50.8	NC	NC	45.2	62.6	57.0	NC	NC	50.7	NC	53.8	45.7	58.8	53.2	
VAP-30-30-MA-185	50.6	65.5	73.0	44.4	63.1	56.4	72.9	80.9	49.6	70.2	60.7	78.2	NC	53.4	75.3	68.1	NC	NC	60.1	84.4	65.0	54.5	70.9	63.8	
VAP-35-30-MA-220	60.0	78.0	86.9	52.8	75.0	67.0	86.8	96.5	58.9	83.5	72.1	93.1	NC	63.4	89.7	81.1	NC	NC	71.4	NC	77.4	64.7	84.4	75.9	
VAP-35-35-MA-220	62.7	82.0	91.6	54.7	78.7	70.1	91.4	102.1	61.3	87.8	75.5	98.2	109.6	66.1	94.4	85.1	110.3	NC	74.6	106.1	81.5	67.6	88.9	79.7	
VAP-35-35-MA-300	69.6	90.4	100.6	61.0	86.9	77.6	100.4	111.6	68.2	96.6	83.4	107.7	NC	73.4	103.7	93.7	NC	NC	82.5	116.0	89.9	75.0	97.7	87.9	
VAP-40-40-MA-370	78.7	102.1	113.6	69.1	98.2	87.7	113.3	126.0	77.1	109.1	94.2	121.5	134.9	82.9	117.0	105.7	135.7	150.3	93.2	130.8	101.5	84.8	110.4	99.3	
VAP-45-45-MA-450	94.9	123.3	137.4	83.2	118.6	105.8	137.1	152.6	92.9	131.9	113.8	147.2	163.6	100.0	141.6	127.7	164.6	182.6	112.5	158.6	122.6	102.2	133.3	119.9	