

KIMCO Eco-Dyna Cool R1

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	10	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, l/s																								
DYNA-1401	5.14	7.36	8.56	4.29	6.98	5.90	8.46	9.84	4.94	8.04	6.82	9.78	11.37	5.72	9.32	7.53	10.80	12.56	6.32	10.30	8.76	12.57	14.62	7.37	12.02
DYNA-1402	5.68	8.14	9.46	4.74	7.71	6.52	9.35	10.88	5.46	8.89	7.53	10.81	12.57	6.32	10.30	8.32	11.93	13.88	6.98	11.39	9.69	13.89	16.16	8.15	13.29
DYNA-1403	6.96	9.98	11.60	5.81	9.46	8.00	11.47	13.33	6.69	10.90	9.24	13.25	15.41	7.75	12.63	10.20	14.63	17.02	8.56	13.96	11.88	17.03	19.81	9.99	16.30
DYNA-1701	6.22	8.91	10.36	5.19	8.45	7.14	10.24	11.91	5.98	9.74	8.25	11.84	13.77	6.92	11.28	9.11	13.07	15.20	7.65	12.47	10.61	15.22	17.70	8.93	14.55
DYNA-1702	7.03	10.08	11.71	5.87	9.55	8.07	11.58	13.46	6.76	11.01	9.33	13.38	15.56	7.82	12.75	10.30	14.77	17.18	8.65	14.10	11.99	17.20	20.01	10.09	16.45
DYNA-1703	8.52	12.21	14.19	7.11	11.57	9.78	14.03	16.31	8.19	13.33	11.30	16.21	18.85	9.48	15.45	12.48	17.90	20.82	10.48	17.08	14.53	20.84	24.24	12.22	19.93
DYNA-2001	8.07	11.46	13.28	6.78	10.90	9.25	13.15	15.24	7.79	12.54	10.67	15.17	17.58	9.00	14.50	11.76	16.72	19.38	9.94	16.01	13.67	19.43	22.52	11.57	18.65
DYNA-2002	9.17	13.03	15.09	7.70	12.39	10.51	14.95	17.32	8.85	14.25	12.13	17.24	19.98	10.23	16.48	13.37	19.01	22.03	11.29	18.20	15.54	22.09	25.60	13.16	21.20
DYNA-2003	10.96	15.58	18.04	9.21	14.81	12.57	17.87	20.71	10.58	17.04	14.50	20.61	23.89	12.23	19.70	15.97	22.73	26.34	13.50	21.76	18.58	26.41	30.60	15.73	25.34
DYNA-2005	12.62	17.93	20.77	10.60	17.05	14.47	20.57	23.83	12.18	19.61	16.68	23.72	27.49	14.07	22.67	18.40	26.16	30.31	15.54	25.04	21.38	30.39	35.22	18.10	29.17
DYNA-2007	14.06	19.99	23.15	11.81	19.00	16.13	22.93	26.57	13.58	21.86	18.60	26.45	30.65	15.69	25.28	20.51	29.16	33.79	17.32	27.92	23.84	33.88	39.26	20.18	32.51
DYNA-2402	11.38	16.17	18.72	9.56	15.37	13.04	18.55	21.49	10.98	17.68	15.04	21.39	24.79	12.69	20.44	16.59	23.39	27.33	14.01	22.58	19.28	27.40	31.76	16.32	26.30
DYNA-2403	13.79	19.60	22.69	11.58	18.63	15.81	22.48	26.05	13.31	21.43	18.23	25.93	30.04	15.38	24.78	20.11	28.59	33.13	16.98	27.37	23.37	33.22	38.49	19.78	31.87
DYNA-2405	15.65	22.24	25.76	13.15	21.14	17.95	25.52	29.56	15.11	24.32	20.69	29.43	34.10	17.46	28.13	22.82	32.45	37.60	19.28	31.06	26.52	37.70	43.69	22.45	36.18
DYNA-2407	17.44	24.79	28.71	14.65	23.57	20.00	28.44	32.95	16.84	27.11	23.06	32.80	38.01	19.46	31.35	25.43	36.16	41.91	21.48	34.62	29.56	42.02	48.70	25.03	40.32
DYNA-2411	19.86	28.22	32.68	16.68	26.83	22.77	32.37	37.51	19.17	30.86	26.26	37.34	43.26	22.15	35.68	28.95	41.17	47.71	24.46	39.41	33.65	47.83	55.43	28.49	45.90
DYNA-2415	22.06	31.35	36.31	18.53	29.81	25.30	35.97	41.67	21.30	34.29	29.17	41.48	48.07	24.61	39.65	32.17	45.74	53.01	27.17	43.79	37.39	53.15	61.59	31.65	51.00
DYNA-2503	14.49	20.45	23.62	12.22	19.49	16.59	23.43	27.07	14.03	22.39	19.11	26.99	31.19	16.19	25.85	21.05	29.73	34.36	17.86	28.52	24.43	34.49	39.86	20.78	33.17
DYNA-2505	16.79	23.71	27.39	14.17	22.59	19.23	27.17	31.39	16.22	25.96	22.15	31.29	36.16	18.77	29.97	24.40	34.47	39.83	20.71	33.07	28.33	39.99	46.21	24.09	38.46
DYNA-2507	18.68	26.38	30.47	15.76	25.13	21.40	30.22	34.92	18.09	28.88	24.64	34.81	40.23	20.88	33.34	27.15	38.34	44.31	23.04	36.79	31.51	44.49	51.41	26.80	42.79
DYNA-2511	21.48	30.33	35.03	18.12	28.90	24.60	34.75	40.15	20.80	33.20	28.33	40.02	46.25	24.01	38.34	31.22	44.09	50.95	26.49	42.30	36.23	51.15	59.11	30.81	49.20
DYNA-2515	24.49	34.58	39.94	20.66	32.95	28.05	39.62	45.78	23.72	37.85	32.30	45.63	52.73	27.37	43.71	35.59	50.26	58.09	30.20	48.23	41.31	58.31	67.39	35.13	56.09
DYNA-2805	19.52	27.56	31.84	16.47	26.26	22.36	31.58	36.49	18.91	30.17	25.75	36.37	42.03	21.82	34.84	28.37	40.07	46.31	24.07	38.45	32.93	46.48	53.72	28.00	44.71
DYNA-2807	22.04	31.12	35.95	18.60	29.65	25.24	35.66	41.20	21.35	34.07	29.07	41.06	47.46	24.64	39.34	32.03	45.24	52.28	27.18	43.41	37.18	52.48	60.65	31.62	50.48
DYNA-2811	25.19	35.56	41.08	21.25	33.89	28.85	40.75	47.08	24.39	38.93	33.23	46.93	54.24	28.16	44.96	36.61	51.70	59.75	31.06	49.61	42.49	59.98	69.32	36.13	57.69
DYNA-2815	27.99	39.52	45.65	23.62	37.65	32.06	45.28	52.32	27.11	43.26	36.92	52.15	60.26	31.28	49.95	40.67	57.44	66.39	34.52	55.12	47.21	66.64	77.02	40.15	64.10
DYNA-2819	30.16	42.58	49.18	25.45	40.57	34.54	48.79	56.37	29.21	46.61	39.78	56.19	64.93	33.71	53.83	43.83	61.89	71.53	37.19	59.39	50.87	71.81	82.99	43.26	69.07
DYNA-2822	31.49	44.46	51.35	26.57	42.36	36.06	50.94	58.86	30.49	48.67	41.53	58.66	67.80	35.19	56.20	45.76	64.62	74.69	38.83	62.01	53.11	74.98	86.65	45.17	72.12
DYNA-2907	23.52	33.06	38.13	19.89	31.55	26.91	37.85	43.67	22.82	36.22	30.97	43.56	50.26	26.32	41.79	34.10	47.96	55.33	29.02	46.08	39.54	55.59	64.13	33.73	53.55
DYNA-2911	26.83	37.73	43.51	22.70	36.00	30.71	43.19	49.83	26.04	41.33	35.34	49.71	57.35	30.03	47.69	38.91	54.72	63.14	33.11	52.59	45.12	63.43	73.19	38.49	61.11
DYNA-2915	29.52	41.50	47.86	24.97	39.60	33.78	47.51	54.81	28.64	45.46	38.87	54.68	63.09	33.03	52.46	42.80	69.46	78.62	36.43	57.85	49.64	69.78	80.51	42.34	67.22
DYNA-2919	32.20	45.28	52.21	27.24	43.20	36.85	51.83	59.79	31.25	49.60	42.41	59.65	68.82	36.04	57.22	46.69	65.67	75.77	39.74	63.11	54.15	76.12	87.82	46.18	73.33
DYNA-2922	34.18	48.06	55.42	28.92	45.86	39.11	55.02	63.47	33.16	52.64	45.01	63.31	73.05	38.25	60.74	49.56	69.70	80.42	42.18	66.98	57.47	80.79	93.22	49.02	77.83
DYNA-3011	30.06	42.06	48.41	25.52	40.20	34.37	48.10	55.38	29.25	46.11	39.52	55.30	63.67	33.70	53.15	43.48	60.84	70.05	37.14	58.57	50.37	70.44	81.11	43.12	67.98
DYNA-3015	33.35	46.65	53.69	28.31	44.60	38.13	53.36	61.43	32.44	51.15	43.83	61.34	70.63	37.38	58.96	48.23	67.49	77.71	41.19	64.97	55.88	78.14	89.97	47.83	75.41
DYNA-3019	35.99	50.35	57.95	30.56	48.13	41.15	57.59	66.30	35.01	55.20	47.31	66.20	76.22	40.34	63.63	52.05	72.83	83.86	44.46	70.12	60.30	84.33	97.10	51.62	81.39
DYNA-3022	37.85	52.95	60.94	32.13	50.61	43.27	60.56	69.72	36.82	58.05	49.75	69.62	80.16	42.42	66.91	54.74	76.59	88.19	46.75	73.74	63.41	88.68	102.10	54.28	85.59
DYNA-3030	40.49	56.64	65.19	34.37	54.15	46.29	64.79	74.58	39.39	62.10	53.22	74.48	85.75	45.39	71.58										

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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	24	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	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	7	4	7	4	6	7	4	7	4	6	7	4	7	6	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																									
DYNA-1401	10.25	14.69	17.09	8.64	14.08	12.03	17.23	20.04	10.16	16.56	13.41	19.20	22.32	11.34	18.47	16.00	22.89	26.61	13.57	22.08	14.32	11.41	16.47	14.26	
DYNA-1402	11.33	16.24	18.88	9.55	15.57	13.29	19.04	22.15	11.23	18.30	14.82	21.22	24.67	12.54	20.42	17.68	25.30	29.41	15.00	24.41	15.82	12.61	18.20	15.76	
DYNA-1403	13.89	19.91	23.16	11.71	19.09	16.30	23.35	27.15	13.77	22.44	18.17	26.02	30.25	15.37	25.04	21.68	31.02	36.06	18.39	29.93	19.40	15.47	22.32	19.33	
DYNA-1701	12.40	17.78	20.68	10.46	17.05	14.56	20.86	24.25	12.30	20.04	16.23	23.24	27.02	13.73	22.36	19.37	27.71	32.21	16.42	26.73	17.33	13.81	19.93	17.26	
DYNA-1702	14.02	20.10	23.38	11.82	19.27	16.46	23.58	27.42	13.90	22.66	18.35	26.27	30.55	15.52	25.28	21.89	31.32	36.41	18.57	30.22	19.59	15.62	22.53	19.52	
DYNA-1703	16.99	24.36	28.33	14.32	23.35	19.94	28.57	33.22	16.84	27.45	22.23	31.83	37.01	18.80	30.63	26.53	37.95	44.12	22.49	36.61	23.73	18.92	27.30	23.64	
DYNA-2001	15.95	22.66	26.26	13.53	21.80	18.69	26.53	30.73	15.89	25.57	20.80	29.51	34.18	17.71	28.49	24.77	35.10	40.65	21.14	33.98	22.04	17.73	25.35	22.05	
DYNA-2002	18.14	25.76	29.85	15.39	24.78	21.24	30.15	34.93	18.06	29.07	23.65	33.55	38.86	20.13	32.39	28.16	39.90	46.21	24.03	38.62	25.05	20.16	28.82	25.07	
DYNA-2003	21.68	30.80	35.69	18.39	29.62	25.39	36.05	41.76	21.59	34.75	28.27	40.10	46.46	24.07	38.72	33.66	47.70	55.25	28.73	46.17	29.95	24.10	34.25	29.97	
DYNA-2005	24.95	35.45	41.08	21.17	34.09	29.23	41.49	48.07	24.85	39.99	32.54	46.16	53.47	27.70	44.56	38.74	54.91	63.59	33.06	53.14	34.47	27.73	39.65	34.49	
DYNA-2007	27.82	39.52	45.79	23.60	38.01	32.58	46.25	53.58	27.70	44.58	36.27	51.45	59.60	30.88	49.68	43.19	61.21	70.88	36.86	59.24	38.43	30.92	44.20	38.45	
DYNA-2402	22.50	31.96	37.04	19.09	30.74	26.35	37.41	43.34	22.40	36.06	29.34	41.62	48.21	24.98	40.18	34.93	49.50	57.33	29.81	47.92	31.08	25.01	35.75	31.10	
DYNA-2403	27.27	38.74	44.89	23.14	37.26	31.94	45.34	52.53	27.16	43.71	35.56	50.45	58.43	30.28	48.70	42.34	60.01	69.49	36.14	58.08	37.67	30.31	43.33	37.70	
DYNA-2405	30.95	43.97	50.95	26.26	42.29	36.26	51.46	59.62	30.82	49.61	40.36	57.26	66.32	34.36	55.28	48.06	68.11	78.87	41.01	65.92	42.76	34.40	49.18	42.79	
DYNA-2407	34.50	49.01	56.79	29.27	47.14	40.41	57.36	66.45	34.35	55.29	44.98	63.81	73.92	38.30	61.61	53.56	75.91	87.91	45.71	73.47	47.66	38.34	54.82	47.69	
DYNA-2411	39.27	55.79	64.64	33.32	53.66	46.00	65.29	75.64	39.11	62.94	51.20	72.64	84.15	43.60	70.13	60.97	86.41	100.07	52.04	83.64	54.25	43.65	62.40	54.29	
DYNA-2415	43.64	61.99	71.83	37.02	59.62	51.11	72.55	84.05	43.45	69.93	56.89	80.71	93.50	48.44	77.93	67.74	96.01	111.19	57.82	92.93	60.28	48.50	69.33	60.32	
DYNA-2503	28.47	40.16	46.41	24.27	38.72	33.29	46.93	54.22	28.44	45.35	37.02	52.16	60.25	31.68	50.48	44.01	61.93	71.52	37.75	60.10	38.99	31.59	44.85	39.15	
DYNA-2505	33.01	46.57	53.81	28.13	44.90	38.60	54.41	62.86	32.97	52.58	42.90	60.47	69.85	36.72	58.53	51.03	71.80	82.92	43.76	69.68	45.20	36.62	52.00	45.39	
DYNA-2507	36.72	51.80	59.86	31.30	49.95	42.94	60.53	69.93	36.68	58.50	47.76	67.27	77.71	40.86	65.11	56.77	79.88	92.25	48.69	77.52	50.29	40.74	57.85	50.50	
DYNA-2511	42.22	59.57	68.83	35.99	57.43	49.38	69.60	80.41	42.18	67.26	54.91	77.35	89.35	46.98	74.87	65.27	91.85	106.07	55.98	89.13	57.82	46.85	66.52	58.06	
DYNA-2515	48.14	67.91	78.47	41.03	65.47	56.29	79.35	91.67	48.09	76.68	62.60	88.19	101.87	53.56	85.35	74.41	104.71	120.93	63.82	101.61	65.92	53.41	75.83	66.19	
DYNA-2805	38.37	54.13	62.55	32.71	52.19	44.87	63.25	73.08	38.33	61.13	49.90	70.30	81.20	42.69	68.04	59.32	83.47	96.40	50.87	81.00	52.55	42.58	60.45	52.77	
DYNA-2807	43.32	64.67	70.62	36.93	58.93	50.66	71.42	82.51	43.28	69.01	56.34	79.37	91.68	48.20	76.82	66.97	94.24	108.84	57.44	91.45	59.33	48.07	68.25	59.57	
DYNA-2811	49.51	69.85	80.71	42.20	67.34	57.90	81.62	94.29	49.46	78.87	64.39	90.71	104.78	55.09	87.79	76.54	107.71	124.38	65.64	104.52	67.80	54.94	78.00	68.08	
DYNA-2815	55.01	77.61	89.68	46.89	74.83	64.34	90.69	104.77	54.96	87.64	71.54	100.78	116.42	61.21	97.55	85.04	119.67	138.20	72.94	116.13	75.34	61.04	86.67	75.65	
DYNA-2819	59.28	83.62	96.63	50.52	80.62	69.32	97.71	112.89	59.22	94.43	77.09	108.60	125.44	65.95	105.11	91.63	128.95	148.92	78.59	125.13	81.18	65.77	93.38	81.51	
DYNA-2822	61.89	87.31	100.89	52.75	84.18	72.38	102.02	117.87	61.83	98.59	80.49	113.38	130.97	68.86	109.74	95.67	134.63	155.48	82.05	130.64	84.76	68.67	97.50	85.10	
DYNA-2907	46.04	64.67	74.61	39.35	62.45	53.79	75.50	87.08	46.09	73.07	59.78	83.85	96.69	51.30	81.28	70.98	99.46	114.67	61.07	96.67	62.71	51.03	72.15	63.11	
DYNA-2911	52.54	73.80	85.14	44.91	71.26	61.38	86.15	99.37	52.59	83.38	68.22	95.69	110.34	58.54	92.75	81.00	113.50	130.85	69.68	110.31	71.57	58.23	82.33	72.01	
DYNA-2915	57.79	81.18	93.65	49.40	78.39	67.52	94.77	109.30	57.85	91.72	75.04	105.25	121.38	64.39	102.03	89.10	124.85	143.94	76.65	121.34	78.72	64.06	90.57	79.22	
DYNA-2919	63.04	88.56	102.16	53.89	85.51	73.66	103.39	119.24	63.11	100.06	81.86	114.82	132.41	70.24	111.31	97.20	136.20	157.02	83.62	132.37	85.88	69.88	98.80	86.42	
DYNA-2922	66.91	94.00	108.44	57.20	90.76	78.18	109.73	126.56	66.98	106.20	86.89	121.87	140.54	74.56	118.14	103.17	144.56	166.66	88.76	140.50	91.15	74.17	104.87	91.72	
DYNA-3011	58.58	81.86	94.24	50.26	79.19	68.37	95.45	109.86	58.79	92.56	75.92	105.93	121.90	65.39	102.88	90.04	125.49	144.38	77.75	122.20	79.28	64.86	91.22	79.99	
DYNA-3015	64.98	90.81	104.54	55.75	87.85	75.84	105.88	121.87	65.22	102.67	84.22	117.51	135.22	72.53	114.12	99.88	139.20	160.15	86.24	135.55	87.94	71.94	101.18	88.73	
DYNA-3019	70.13	98.00	112.82	60.17	94.81	81.85	114.27	131.52	70.38	110.81	90.89	126.82	145.94	78.28	123.17	107.79	150.23	172.84	93.08	146.29	94.91	77.64	109.20	95.76	
DYNA-3022	73.75	103.06	118.64	63.27	99.70	86.07	120.17	138.31	74.01	116.52	95.58	133.36	153.46	82.32	129.52	113.35	157.98	181.76	97.88	153.84	99.80	81.65	114.83	100.70	
DYNA-3030	78.90	110.25	126.92	67.69	106.66	92.08	128.56	147.96	79.18	124.66	102.25	142.67	164.18	88.07	138.56	121.26	169.01	194.44	104.71	164.58	106.77	87.35	122.85	107.72	
DYNA-3111	79.74	109.20	124.72	69.41	106.43	92.67	126.79	144.78	80.86	123.87	102.61	140.30	160.19	89.68	137.30	121.12	165.43	188.85	106.14	162.33	105.19	87.86	121.12	107.24	
DYNA-3115	89.15	122.09	139.45	77.61	119.00	103.61	141.75	161.88	90.40	138.50	114.72	156.86	179.10	100.26	153.51	135.42	184.96	211.14	118.67	181.49	117.61	98.23	135.42	119.91	
DYNA-3119	99.85	136.74	156.18	86.92	133.28	116.04	158.76	181.30	101.25	155.12	128.49	175.68	200.59	112.30	171.93	151.67	207.16	236.48	132.91	203.27	131.72	110.02	151.67	134.29	
DYNA-3122	102.71	140.65	160.65	89.40	137.08	119.35	163.30	186.48	104.14	159.55	132.16	180.70	206.33	115.50	176.84	156.00	213.08	243.24	136.70	209.08	135.49	113.17	156.00	138.13	
DYNA-3130	114.12	156.28	178.50	99.34																					