

YHD-1 Models

STD-201RS Table 3b - SI Units - Cooling Towers (CT)

Table with 27 columns (Cooling Tower ID) and 13 rows (Performance Metrics). Rows include: Cooling Reference #, Wet Bulb °C, Range °C, Approach °C, Inlet Water Temperature °C, Outlet Water Temperature °C, Model in l/s, and 26 individual YHD model entries (e.g., YHD-1616QX1 to YHD-2424HX1).

YHD-1 Models

STD-201RS Table 3b - SI Units - Cooling Towers (CT)

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
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
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	6	6
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	4	6
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	34	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	28	30
Model in l/s																											
YHD-2424WX1	118.00	166.21	191.83	99.58	158.02	134.69	189.93	219.35	113.87	181.00	154.63	218.21	252.17	130.91	208.46	170.00	239.98	277.32	144.07	229.60	196.65	277.82	321.09	166.93	266.28	228.47	322.66
YHD-2424JY1	106.30	149.74	172.82	89.71	142.36	121.34	171.11	197.61	102.58	163.06	139.31	196.58	227.18	117.94	187.80	153.15	216.20	249.83	129.79	206.85	177.16	250.28	289.27	150.39	239.89	205.82	290.68
YHD-2424NY1	113.82	160.33	185.04	96.05	152.43	129.93	183.21	211.58	109.84	174.59	149.16	210.48	243.25	126.28	201.08	163.99	231.49	267.50	138.97	221.47	189.69	267.98	309.73	161.02	256.85	220.38	311.24
YHD-2424HY1	121.13	170.62	196.92	102.22	162.21	138.27	194.98	225.17	116.89	185.81	158.74	224.00	258.87	134.39	213.99	174.52	246.36	284.68	147.89	235.70	201.87	285.19	329.62	171.36	273.35	234.53	331.23
YHD-2424WY1	128.96	181.65	209.65	108.83	172.70	147.21	207.58	239.73	124.45	197.82	169.00	238.49	275.61	143.08	227.83	185.80	262.28	303.08	157.45	250.94	214.92	303.63	350.93	182.44	291.02	249.70	352.64
YHD-2424JZ1	110.69	155.91	179.95	93.41	148.23	126.35	178.17	205.76	106.81	169.79	145.05	204.69	236.55	122.80	195.54	159.47	225.12	260.14	135.14	215.38	184.47	260.61	301.20	156.59	249.79	214.31	302.67
YHD-2424NZ1	118.52	166.95	192.68	100.02	158.72	135.29	190.77	220.32	114.37	181.80	155.32	219.17	253.29	131.49	209.38	170.76	241.05	278.54	144.70	230.62	197.52	279.05	322.51	167.67	267.46	229.48	324.09
YHD-2424HZ1	126.14	177.68	205.07	106.45	168.93	143.99	203.04	234.49	121.73	193.49	165.31	233.27	269.58	139.95	222.85	181.74	256.55	296.46	154.01	245.45	210.22	296.99	343.26	178.45	284.66	244.24	344.94
YHD-2424WZ1	134.29	189.16	218.31	113.32	179.83	153.29	216.16	249.63	129.59	205.99	175.98	248.33	286.99	148.99	237.23	193.47	273.12	315.60	163.95	261.30	223.80	316.17	365.42	189.98	303.04	260.01	367.21

YHD-1 Models

STD-201RS Table 3b - SI Units -

Condition Reference #	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	27	27	27	27	27	29	29	29	29	29	32	32	32	32	32	21	25.56	27	28
Range °C	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	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	37	36	39	37	39	40	39	42	39	41	42	41	44	42	44	45	44	47	32	35.00	37	37
Outlet Water Temperature °C	31	28	31	31	33	34	31	34	33	35	36	33	36	36	38	39	36	39	27	29.44	32	32
Model in l/s																						
YHD-2424WX1	373.27	194.25	310.09	266.43	376.31	435.59	226.89	362.43	295.79	417.86	483.49	252.17	402.91	346.91	490.16	567.24	296.17	473.08	314.74	252.86	360.15	313.89
YHD-2424JY1	336.27	175.00	279.36	240.03	339.01	392.42	204.41	326.50	266.47	376.44	435.57	227.18	362.97	312.52	441.58	511.01	266.82	426.19	283.55	227.80	324.45	282.78
YHD-2424NY1	360.05	187.37	299.12	257.00	362.99	420.18	218.86	349.60	285.32	403.06	466.37	243.25	388.64	334.63	472.81	547.16	285.69	456.34	303.60	243.91	347.40	302.78
YHD-2424HY1	383.18	199.41	318.33	273.51	386.30	447.16	232.92	372.05	303.64	428.95	496.32	258.87	413.60	356.11	503.17	582.30	304.03	485.64	323.10	259.58	369.71	322.22
YHD-2424WY1	407.95	212.30	338.91	291.19	411.28	476.07	247.98	396.10	323.28	456.68	528.41	275.61	440.34	379.14	535.71	619.94	323.69	517.04	343.99	276.36	393.62	343.06
YHD-2424JZ1	350.14	182.22	290.89	249.93	353.00	408.61	212.84	339.97	277.47	391.97	453.54	236.55	377.95	325.42	459.80	532.10	277.82	443.78	295.25	237.20	337.84	294.44
YHD-2424NZ1	374.92	195.11	311.47	267.61	377.97	437.52	227.90	364.03	297.10	419.70	485.63	253.29	404.69	348.44	492.33	569.75	297.48	475.18	316.14	253.98	361.74	315.28
YHD-2424HZ1	399.03	207.66	331.50	284.83	402.28	465.66	242.56	387.44	316.21	446.70	516.86	269.58	430.72	370.85	523.99	606.39	316.61	505.74	336.47	270.32	385.01	335.56
YHD-2424WZ1	424.80	221.07	352.90	303.22	428.26	495.73	258.22	412.46	336.63	475.54	550.23	286.99	458.53	394.80	557.83	645.55	337.06	538.40	358.20	287.77	409.87	357.22

YHD-3 Models

STD-201RS Table 3b - SI Units - Cooling Towers (CT)

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
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
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	6
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	4
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	34
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	28
YHD-2424NY3	113.82	160.33	185.04	96.05	152.43	129.93	183.21	211.58	109.84	174.59	149.16	210.48	243.25	126.28	201.08	163.99	231.49	267.50	138.97	221.47	189.69	267.98	309.73	161.02	256.85	220.38
YHD-2424HY3	121.13	170.62	196.92	102.22	162.21	138.27	194.98	225.17	116.89	185.81	158.74	224.00	258.87	134.39	213.99	174.52	246.36	284.68	147.89	235.70	201.87	285.19	329.62	171.36	273.35	234.53
YHD-2424WY3	128.96	181.65	209.65	108.83	172.70	147.21	207.58	239.73	124.45	197.82	169.00	238.49	275.61	143.08	227.83	185.80	262.28	303.08	157.45	250.94	214.92	303.63	350.93	182.44	291.02	249.70
YHD-2424JZ3	110.69	155.91	179.95	93.41	148.23	126.35	178.17	205.76	106.81	169.79	145.05	204.69	236.55	122.80	195.54	159.47	225.12	260.14	135.14	215.38	184.47	260.61	301.20	156.59	249.79	214.31
YHD-2424NZ3	118.52	166.95	192.68	100.02	158.72	135.29	190.77	220.32	114.37	181.80	155.32	219.17	253.29	131.49	209.38	170.76	241.05	278.54	144.70	230.62	197.52	279.05	322.51	167.67	267.46	229.48
YHD-2424HZ3	126.14	177.68	205.07	106.45	168.93	143.99	203.04	234.49	121.73	193.49	165.31	233.27	269.58	139.95	222.85	181.74	256.55	296.46	154.01	245.45	210.22	296.99	343.26	178.45	284.66	244.24
YHD-2424WZ3	134.29	189.16	218.31	113.32	179.83	153.29	216.16	249.63	129.59	205.99	175.98	248.33	286.99	148.99	237.23	193.47	273.12	315.60	163.95	261.30	223.80	316.17	365.42	189.98	303.04	260.01

YHD-3 Models

STD-201RS Table 3b - SI Units - 1

Table with 49 columns and multiple rows. Columns are labeled 27 through 49. Rows include various temperature and condition parameters like 'Wet Bulb °C', 'Range °C', and 'Inlet Water Temperature °C'.

YHD-3 Models

STD-201RS Table 3b - SI Units - I

Condition Reference #	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	27	27	27	27	27	29	29	29	29	29	32	32	32	32	32	21	25.56	27	28
Range °C	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	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	36	37	36	39	37	39	40	39	42	39	41	42	41	44	42	44	45	44	47	32	35.00	37	37
Outlet Water Temperature °C	30	31	28	31	31	33	34	31	34	33	35	36	33	36	36	38	39	36	39	27	29.44	32	32
YHD-2424NY3	311.24	360.05	187.37	299.12	257.00	362.99	420.18	218.86	349.60	285.32	403.06	466.37	243.25	388.64	334.63	472.81	547.16	285.69	456.34	303.60	243.91	347.40	302.78
YHD-2424HY3	331.23	383.18	199.41	318.33	273.51	386.30	447.16	232.92	372.05	303.64	428.95	496.32	258.87	413.60	356.11	503.17	582.30	304.03	485.64	323.10	259.58	369.71	322.22
YHD-2424WY3	352.64	407.95	212.30	338.91	291.19	411.28	476.07	247.98	396.10	323.28	456.68	528.41	275.61	440.34	379.14	535.71	619.94	323.69	517.04	343.99	276.36	393.62	343.06
YHD-2424JZ3	302.67	350.14	182.22	290.89	249.93	353.00	408.61	212.84	339.97	277.47	391.97	453.54	236.55	377.95	325.42	459.80	532.10	277.82	443.78	295.25	237.20	337.84	294.44
YHD-2424NZ3	324.09	374.92	195.11	311.47	267.61	377.97	437.52	227.90	364.03	297.10	419.70	485.63	253.29	404.69	348.44	492.33	569.75	297.48	475.18	316.14	253.98	361.74	315.28
YHD-2424HZ3	344.94	399.03	207.66	331.50	284.83	402.28	465.66	242.56	387.44	316.21	446.70	516.86	269.58	430.72	370.85	523.99	606.39	316.61	505.74	336.47	270.32	385.01	335.56
YHD-2424WZ3	367.21	424.80	221.07	352.90	303.22	428.26	495.73	258.22	412.46	336.63	475.54	550.23	286.99	458.53	394.80	557.83	645.55	337.06	538.40	358.20	287.77	409.87	357.22