

HVAC/R TFC 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
Wet Bulb ° F	55	55	55	55	55	60	60	60	60	60	65	65	65	65	65	70	70	70	70	70	75	75	75	75
Range ° F	10	10	10	12	15	10	10	10	12	15	10	10	10	12	15	10	10	10	12	15	10	10	10	12
Approach ° F	7	10	12	15	10	7	10	12	15	10	7	10	12	15	10	7	10	12	15	10	7	10	12	15
Inlet Process Temperature ° F	72	75	77	82	80	77	80	82	87	85	82	85	87	92	90	87	90	92	97	95	92	95	97	102
Outlet Process Temperature ° F	62	65	67	70	65	67	70	72	75	70	72	75	77	80	75	77	80	82	85	80	82	85	87	90
TFC-75-A in gpm	85.92	115.44	136.21	151.14	91.30	97.18	131.06	155.00	170.75	104.68	111.08	153.48	175.77	196.51	116.27	124.79	170.22	202.52	232.24	140.84	144.14	202.49	239.87	268.93
TFC-100-A in gpm	114.56	153.92	181.62	201.52	121.74	129.58	174.75	206.67	227.67	139.57	148.11	204.64	234.36	262.01	155.02	166.38	226.97	270.03	309.65	187.78	192.18	269.98	319.82	358.57
TFC-110-A in gpm	126.02	169.32	199.78	221.67	133.91	142.53	192.22	227.34	250.44	153.53	162.92	225.11	257.80	288.21	170.53	183.02	249.66	297.03	340.62	206.56	211.40	296.98	351.80	394.42
TFC-120-A in gpm	137.47	184.71	217.94	241.82	146.09	155.49	209.70	248.00	273.20	167.48	177.73	245.57	281.24	314.42	186.03	199.66	272.36	324.03	371.58	225.34	230.62	323.98	383.79	430.28
TFC-130-A in gpm	148.93	200.10	236.10	261.97	158.26	168.45	227.17	268.67	295.97	181.44	192.54	266.04	304.67	340.62	201.53	216.30	295.06	351.03	402.55	244.12	249.84	350.98	415.77	466.14

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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
Wet Bulb ° C	13	13	13	13	13	16	16	16	16	16	18	18	18	18	18	21	21	21	21	21	24	24	24	24
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
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
Inlet Process Temperature ° C	23	25	26	28	27	26	28	29	31	30	28	30	31	33	32	31	33	34	36	35	34	36	37	39
Outlet Process Temperature ° C	17	19	20	21	19	20	22	23	24	22	22	24	25	26	24	25	27	28	29	27	28	30	31	32
TFC-75-A in l/s	5.85	8.25	9.54	9.76	6.85	6.70	9.48	10.96	11.14	7.70	7.37	10.32	11.99	12.33	8.52	8.38	12.00	13.96	14.55	10.22	9.78	14.22	16.45	16.95
TFC-100-A in l/s	7.80	11.01	12.72	13.02	9.13	8.94	12.64	14.62	14.85	10.27	9.82	13.76	15.98	16.44	11.36	11.17	16.01	18.62	19.40	13.63	13.04	18.96	21.93	22.60
TFC-110-A in l/s	8.58	12.11	13.99	14.32	10.04	9.83	13.91	16.08	16.34	11.30	10.80	15.13	17.58	18.09	12.50	12.28	17.61	20.48	21.34	14.99	14.35	20.86	24.12	24.86
TFC-120-A in l/s	9.36	13.21	15.26	15.62	10.95	10.72	15.17	17.54	17.82	12.32	11.79	16.51	19.18	19.73	13.63	13.40	19.21	22.34	23.28	16.35	15.65	22.75	26.31	27.12
TFC-130-A in l/s	10.14	14.31	16.53	16.92	11.87	11.62	16.44	19.00	19.31	13.35	12.77	17.89	20.78	21.37	14.77	14.52	20.81	24.21	25.22	17.72	16.95	24.65	28.51	29.38

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Condition Reference #	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
Wet Bulb ° F	75	80	80	80	80	80	85	85	85	85	85	90	90	90	90	90	69.8	78	80.6	82.4
Range ° F	15	10	10	10	12	15	10	10	10	12	15	10	10	10	12	15	9	12	9	9
Approach ° F	10	7	10	12	15	10	7	10	12	15	10	7	10	12	15	10	10.8	12	9	7.2
Inlet Process Temperature ° F	100	97	100	102	107	105	102	105	107	112	110	107	110	112	117	115	89.6	102	98.6	98.6
Outlet Process Temperature ° F	85	87	90	92	95	90	92	95	97	100	95	97	100	102	105	100	80.6	90	89.6	89.6
TFC-75-A in gpm	161.74	173.39	233.46	276.29	292.30	198.42	200.90	251.79	305.61	324.93	216.65	228.74	294.15	365.15	385.79	245.91	216.98	247.82	257.57	223.16
TFC-100-A in gpm	215.65	231.19	311.28	368.39	389.74	264.57	267.87	335.72	407.48	433.24	288.87	304.98	392.20	486.87	514.38	327.88	289.31	330.43	343.42	297.54
TFC-110-A in gpm	237.22	254.31	342.41	405.22	428.71	291.02	294.66	369.29	448.23	476.56	317.76	335.48	431.42	535.55	565.82	360.67	318.24	363.48	377.76	327.30
TFC-120-A in gpm	258.78	277.43	373.54	442.06	467.69	317.48	321.44	402.86	488.98	519.89	346.64	365.98	470.65	584.24	617.26	393.45	347.17	396.52	412.11	357.05
TFC-130-A in gpm	280.35	300.55	404.66	478.90	506.66	343.94	348.23	436.43	529.73	563.21	375.53	396.48	509.87	632.92	668.70	426.24	376.10	429.56	446.45	386.81

HVAC/R TFC R1

Condition Reference #	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
Wet Bulb ° C	24	27	27	27	27	27	29	29	29	29	29	32	32	32	32	32	21	25.56	27	28
Range ° C	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	5	6.67	5	5
Approach ° C	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	6	6.67	5	4
Inlet Process Temperature ° C	38	37	39	40	42	41	39	41	42	44	43	42	44	45	47	46	32	38.90	37	37
Outlet Process Temperature ° C	30	31	33	34	35	33	33	35	36	37	35	36	38	39	40	38	27	32.23	32	32
TFC-75-A in l/s	11.89	11.72	16.57	18.49	19.31	13.37	13.01	17.72	21.15	21.98	15.35	15.62	20.82	24.06	24.83	17.45	13.69	15.64	16.25	14.08
TFC-100-A in l/s	15.86	15.63	22.10	24.65	25.75	17.82	17.34	23.63	28.20	29.30	20.46	20.82	27.76	32.08	33.11	23.27	18.25	20.85	21.67	18.77
TFC-110-A in l/s	17.44	17.19	24.31	27.12	28.33	19.60	19.08	25.99	31.02	32.23	22.51	22.90	30.54	35.29	36.42	25.60	20.08	22.93	23.83	20.65
TFC-120-A in l/s	19.03	18.75	26.52	29.58	30.90	21.39	20.81	28.35	33.84	35.16	24.56	24.99	33.31	38.50	39.73	27.93	21.90	25.02	26.00	22.53
TFC-130-A in l/s	20.61	20.32	28.73	32.05	33.48	23.17	22.55	30.72	36.66	38.09	26.60	27.07	36.09	41.71	43.04	30.25	23.73	27.10	28.17	24.40