

Dry Bulb Temp. (°F)

Target Superheat °F
Wet Bulb Temperature °F

	50	52	54	56	58	60	62	64	66	68	70	72	74	76
55	9	12	14	17	20	23	26	29	32	35	37	40	42	45
60	7	10	12	15	18	21	24	27	30	33	35	38	40	43
65		6	10	13	16	19	21	24	27	30	33	36	38	41
70			7	10	13	16	19	21	24	27	30	33	36	39
75				6	9	12	15	19	21	24	28	31	34	37
80					5	8	12	15	18	21	25	28	31	35
85							8	12	15	19	22	26	30	33
90							5	8	13	16	20	24	27	31
95								5	10	14	18	22	25	29
100									8	12	15	20	23	27
105									5	9	13	17	22	26
110										6	11	15	20	25
115											8	14	18	23

Dry Bulb Temp. (°C)

Target Superheat °C
Wet Bulb Temperature °C

	10.0	11.1	12.2	13.3	14.4	15.6	16.7	17.8	18.9	20.0	21.1	22.2	23.3	24.4
12.8	5.0	6.7	7.8	9.4	11.1	12.8	14.4	16.1	17.8	19.4	20.6	22.2	23.3	25.0
15.6	3.9	5.6	6.7	8.3	10.0	11.7	13.3	15.0	16.7	18.3	19.4	21.1	22.2	23.9
18.3		3.3	5.6	7.2	8.9	10.6	11.7	13.3	15.0	16.7	18.3	20.0	21.1	22.8
21.1			3.9	5.6	7.2	8.9	10.6	11.7	13.3	15.0	16.7	18.3	20.0	21.7
23.9				3.3	5.0	6.7	8.3	10.6	11.7	13.3	15.6	17.2	18.9	20.6
26.7					2.8	4.4	6.7	8.3	10.0	11.7	13.9	15.6	17.2	19.4
29.4							4.4	6.7	8.3	10.6	12.2	14.4	16.7	18.3
32.2							2.8	4.4	7.2	8.9	11.1	13.3	15.0	17.2
35.0								2.8	5.6	7.8	10.0	12.2	13.9	16.1
37.8									4.4	6.7	8.3	11.1	12.8	15.0
40.6									2.8	5.0	7.2	9.4	12.2	14.4
43.3										3.3	6.1	8.3	11.1	13.9
46.1											4.4	7.8	10.0	12.8



These Target Superheat charts are examples of generic superheat charts of a typical fixed orifice, split residential system. These charts should not be used for charging. They are only examples to show what the manufacturer's charts may look like. Be aware of all manufacturer's indications, instructions and warnings.

The indoor wet bulb measurement can be accomplished by a Fieldpiece ARH4 or ATWB1 and should be taken as close to the evaporator coil inlet as possible. The outdoor dry bulb reading can be taken with an ARH4, ATB1, ATA1 or any other Fieldpiece air thermocouple and should be taken as close to the condenser air inlet as possible.