

RTAE Subcooling Curves

Compressor speed = 33%		
Leaving Water Temp [F]	Outdoor Air Temp [F]	Subcooling [F]
25	115	8
	95	8
	80	8
	70	8
	60	8
	50	8
30	115	10
	95	10
	80	11
	70	11
	60	11
	50	11
35	115	12
	95	12
	80	13
	70	13
	60	13
	50	13
40	115	13
	95	14
	80	15
	70	15
	60	15
	50	16
45	115	15
	95	16
	80	17
	70	17
	60	17
	50	18
50	115	16
	95	17
	80	18
	70	19
	60	19
	50	20
55	115	17
	95	19
	80	20
	70	20
	60	21
	50	22

Compressor speed = 50%		
Leaving Water Temp [F]	Outdoor Air Temp [F]	Subcooling [F]
25	115	12
	95	12
	80	12
	70	12
	60	12
	50	12
30	115	13
	95	13
	80	14
	70	14
	60	14
	50	14
35	115	14
	95	15
	80	15
	70	16
	60	16
	50	16
40	115	16
	95	16
	80	17
	70	17
	60	18
	50	18
45	115	17
	95	18
	80	18
	70	19
	60	19
	50	20
50	115	17
	95	19
	80	20
	70	20
	60	21
	50	21
55	115	18
	95	20
	80	21
	70	21
	60	22
	50	23

RTAE Subcooling Curves

Compressor speed = 33%		
Leaving Water Temp [F]	Outdoor Air Temp [F]	Subcooling [F]
60	115	18
	95	20
	80	21
	70	22
	60	23
	50	23
65	115	19
	95	21
	80	22
	70	23
	60	24
	50	25

Compressor speed = 50%		
Leaving Water Temp [F]	Outdoor Air Temp [F]	Subcooling [F]
60	115	19
	95	20
	80	22
	70	22
	60	23
	50	24
65	115	19
	95	21
	80	22
	70	23
	60	24
	50	25

RTAE Subcooling Curves

Compressor speed = 75%		
Leaving Water Temp [F]	Outdoor Air Temp [F]	Subcooling [F]
25	115	16
	95	16
	80	16
	70	16
	60	17
	50	17
30	115	17
	95	17
	80	18
	70	18
	60	18
	50	18
35	115	17
	95	18
	80	19
	70	19
	60	19
	50	20
40	115	18
	95	19
	80	20
	70	20
	60	21
	50	21
45	115	18
	95	20
	80	20
	70	21
	60	22
	50	22
50	115	19
	95	20
	80	21
	70	22
	60	22
	50	23
55	115	19
	95	20
	80	22
	70	22
	60	23
	50	24

Compressor speed = 100%		
Leaving Water Temp [F]	Outdoor Air Temp [F]	Subcooling [F]
25	115	19
	95	20
	80	20
	70	20
	60	20
	50	20
30	115	20
	95	20
	80	21
	70	21
	60	21
	50	21
35	115	20
	95	20
	80	21
	70	21
	60	22
	50	22
40	115	20
	95	21
	80	21
	70	22
	60	22
	50	23
45	115	19
	95	21
	80	22
	70	22
	60	23
	50	23
50	115	19
	95	21
	80	22
	70	22
	60	23
	50	24
55	115	19
	95	20
	80	21
	70	22
	60	23
	50	24

RTAE Subcooling Curves

Compressor speed = 75%		
Leaving Water Temp [F]	Outdoor Air Temp [F]	Subcooling [F]
60	115	19
	95	21
	80	22
	70	23
	60	24
	50	24
65	115	19
	95	21
	80	22
	70	23
	60	24
	50	25

Compressor speed = 100%		
Leaving Water Temp [F]	Outdoor Air Temp [F]	Subcooling [F]
60	115	18
	95	20
	80	21
	70	22
	60	23
	50	24
65	115	17
	95	19
	80	21
	70	22
	60	23
	50	24