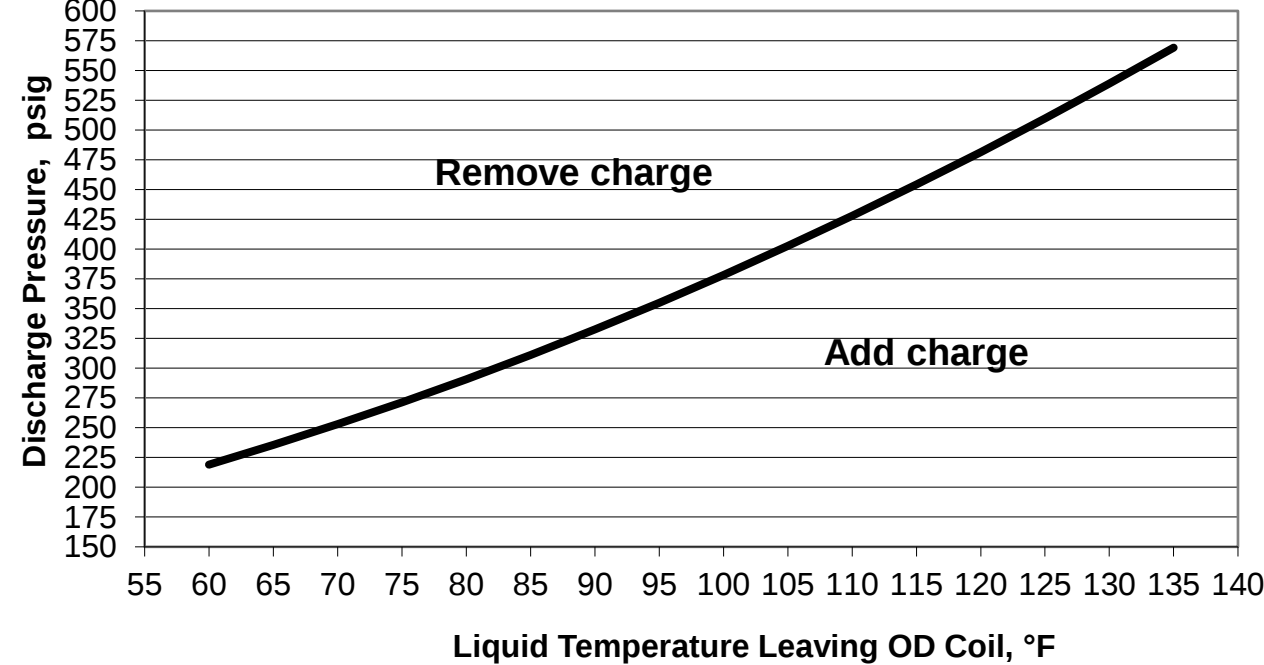


TWA180K*D

Refrigerant charging curves:

Both Compressors Running

TWA180K*D CHARGING CURVE - COOLING MODE (Both Circuits)



TWA superheat with matched TWE air handler:

Condenser	Air Handler	Cooling Superheat (°F)		Heating Superheat (°F)	
		Circuit 1	Circuit 2	Circuit 1	Circuit 2
TWA180K*D	TWE180K*B	21.7	22.2	9.2	9.6

Refrigerant charge table and line size with matched TWE air handler:

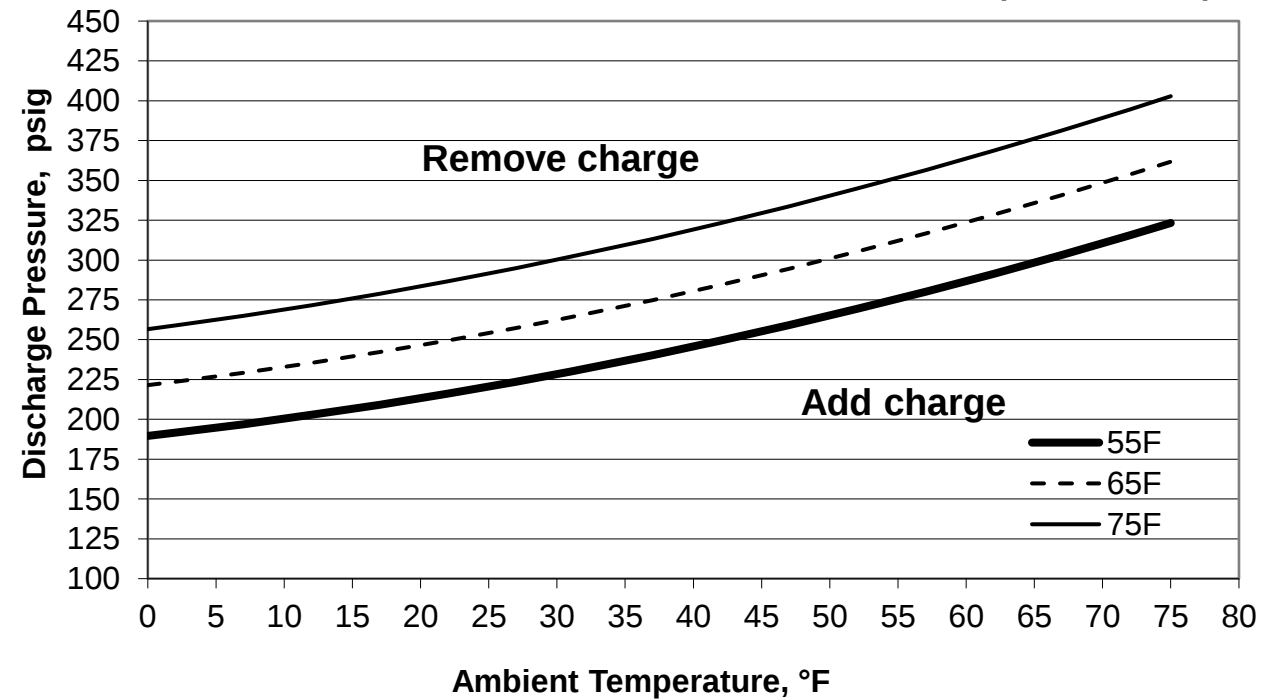
Matched Set	Refrigerant Charge (lbs)		Per Circuit	
	Circuit 1	Circuit 2	Liquid Line Diameter	Vapor Line Diameter
TWA180K*D w/ TWE180K*B	21.2	21.2	0.5 (1/2")	1.125 (1 1/8")

NOTE 1: Charge amount listed is for 25 ft line length.

NOTE 2: Base matched unit charge is 19.3 lbs for each circuit. Additional charge is 1.18 ounces of refrigerant per foot of line set as specified in table above. For additional information refer Application guide SS-APG017*-EN

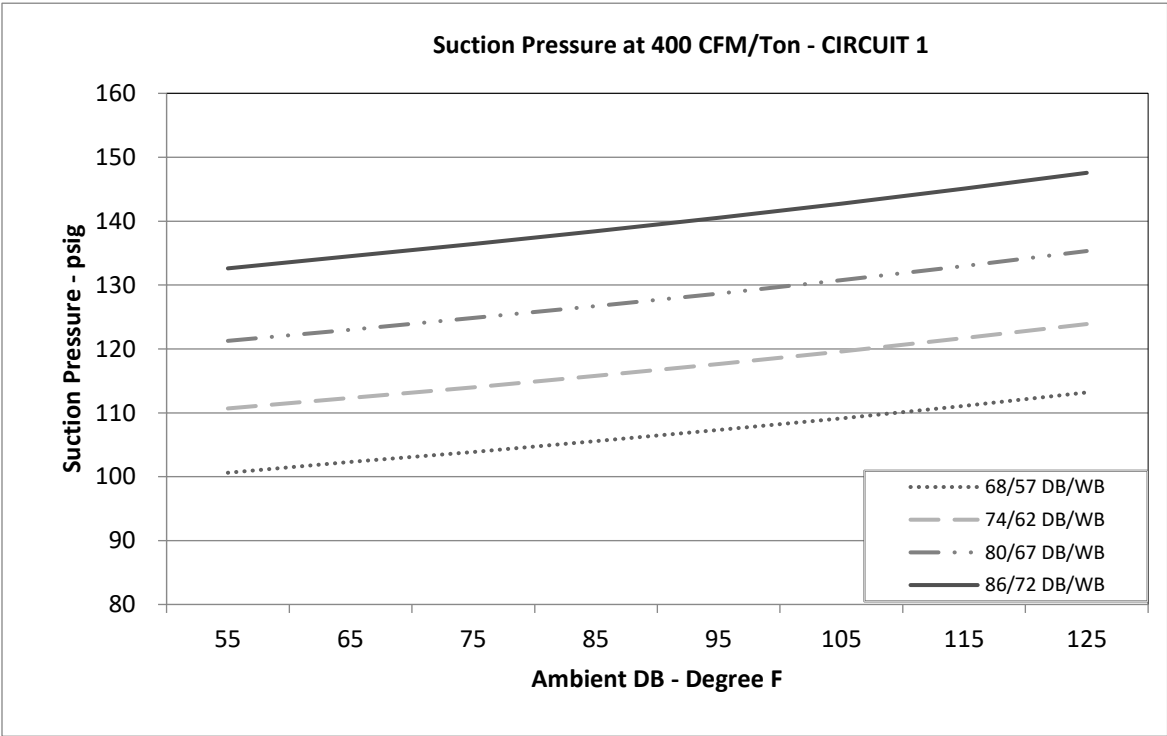
Both Compressors Running

TWA180K*D CHARGING CURVE - HEATING MODE(Both circuits)

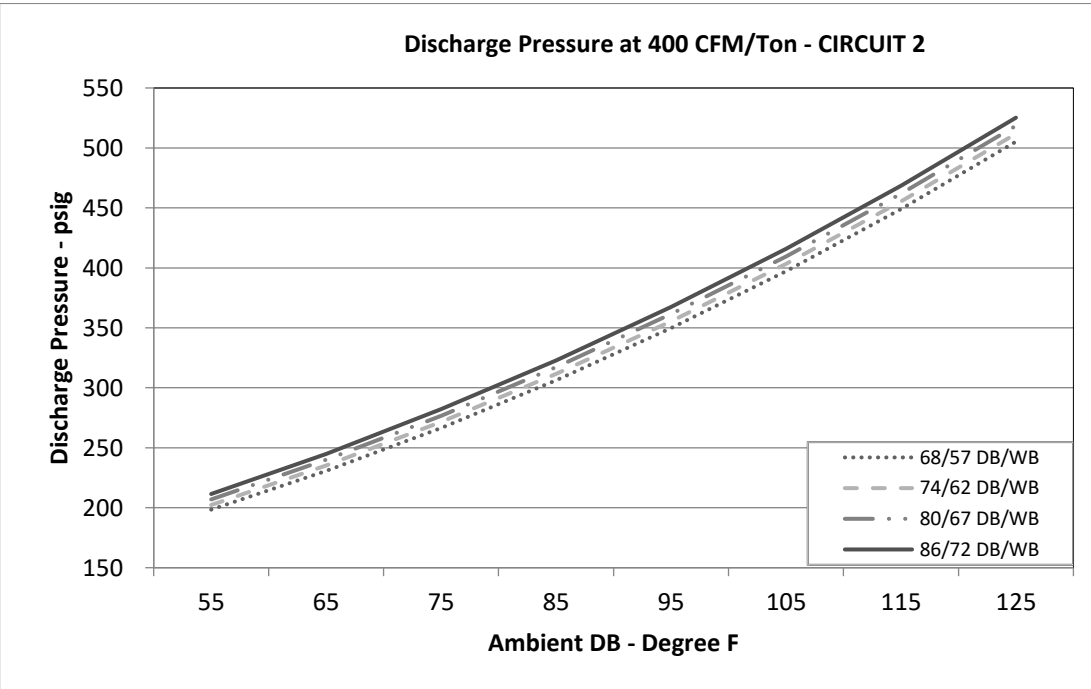
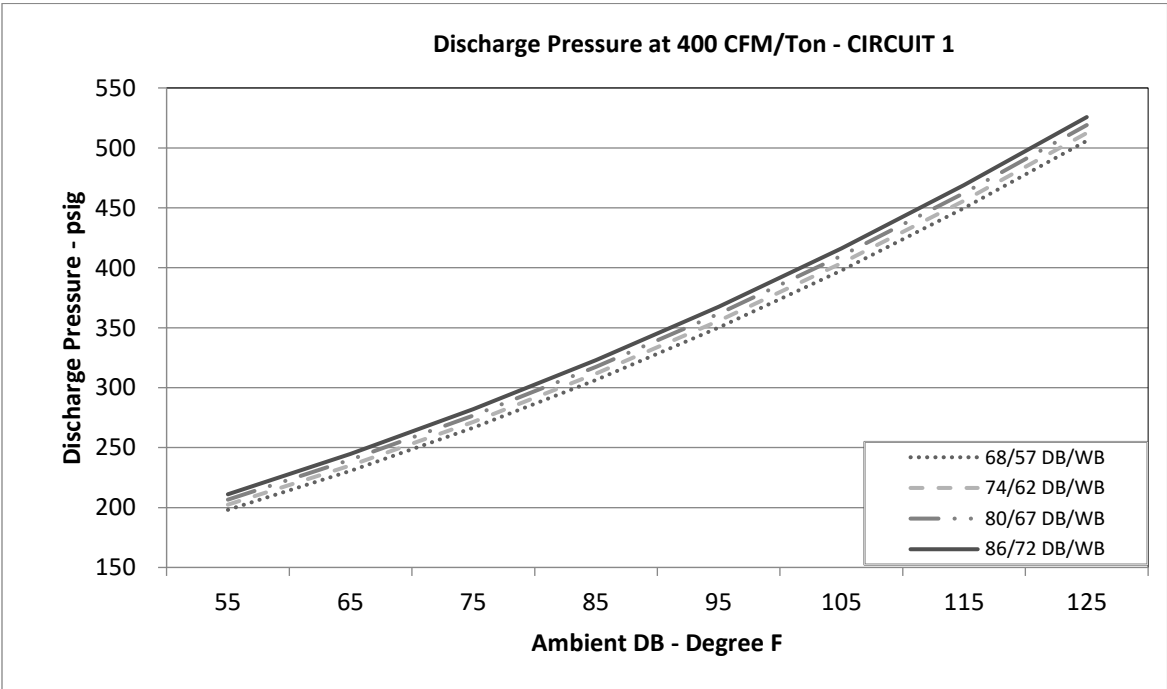
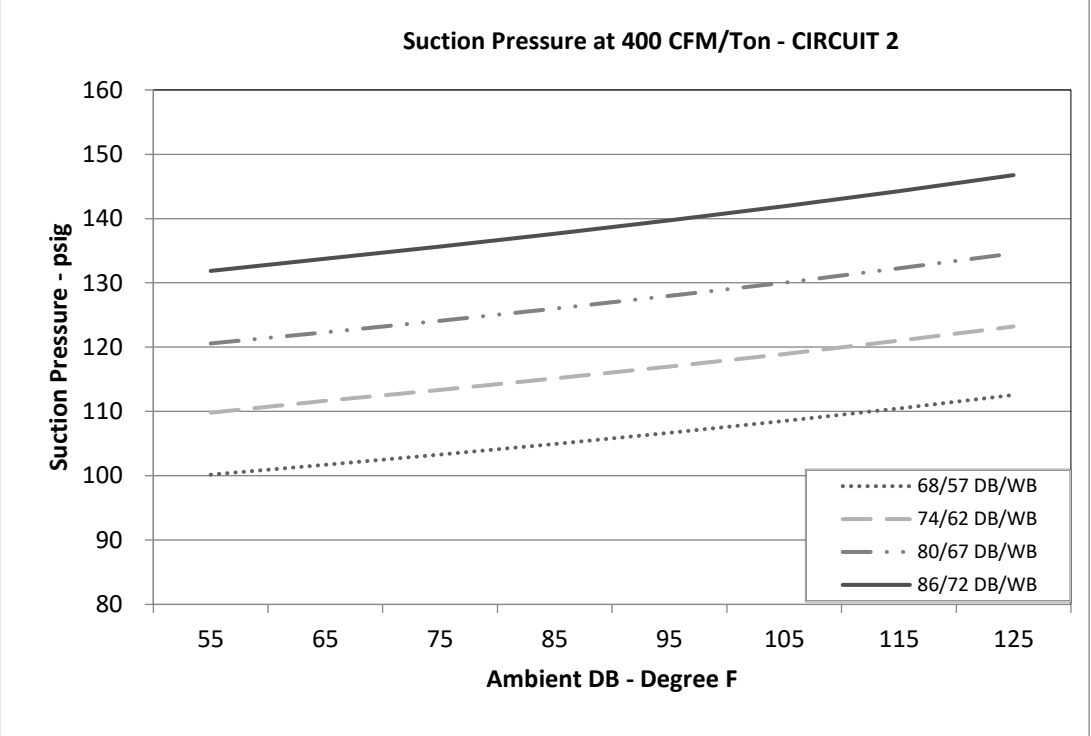


Pressure curve TWA180K*D with TWE180K*B (Cooling)

Circuit 1



Circuit 2



Pressure curve TWA180K*D with TWE180K*B (Heating)

Circuit 1

Circuit 2

