

Asahiklin-134a theoretical cycle performance

Conditions				Refrigeration capacity	Performance coefficient	Compression ratio	Compressor discharge temperature	Compressor discharge pressure	Temperature glide
Condensing temperature	Vapor temperature	Supercooling degrees	Superheating degrees						
°C	°C	°C	°C	kJ/m ³	-	-	°C	kPa	°C
45	0	0	5	1,957	4.73	3.96	54.5	1,160	0
45	-30	0	40	554	2.27	13.81	96.6	1,160	0
10	-40	5	0	463	3.93	8.14	23.1	415	0
30	-15	5	0	1,285	4.83	4.7	36.6	770	0
45	5	5	0	2,486	5.83	3.31	49.2	1,160	0