

# Asahi Flon-22 theoretical cycle performance

Conditions				Refrigeration capacity	Performance coefficient	Compression ratio	Compressor discharge temperature	Compressor discharge temperature	Temperature glide
Condensing temperature	Vapor temperature	Supercooling degrees	Superheating degrees						
°C	°C	°C	°C	kJ/m³	-	-	°C	kPa	°C
45	0	0	5	3,150	4.76	3.47	69.9	1,729	0
45	-30	0	40	1,004	2.23	10.54	128.5	1,729	0
10	-40	5	0	888	3.94	6.49	44	681	0
30	-15	5	0	2,179	4.85	4.03	52.9	1,192	0
45	5	5	0	3,899	5.83	2.96	62.3	1,729	0