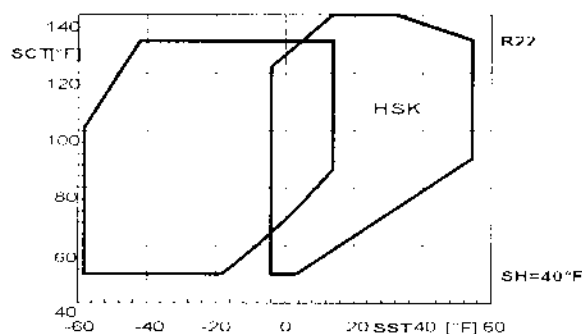


Performance Table: Semi-hermetic Screw Compressors

Compressor type	HSN5341-20	Power supply	460V-3-60Hz
Refrigerant	R22	Max. disch. gas temp. [°F]	180
Operating mode	Standard		
Suction gas superheat [°F]	20		
Liquid subcooling [°F]	15		

tc [°F]	to [°F]	+10	+15	+20	+25	+30
110	Qo[BTU/hr]	173699	--	--	--	--
	P [kW]	23.0				
	I [A]	32.6				
	EER	7.56				
	mLP [lb/hr]	2459				
	mHP [lb/hr]	2459				
	Qoil[kBTU/h]	33.2				
	tco [°F]	95.0				
	pm [psig]					
	Qsc[kBTU/h]					
120	Qo[BTU/hr]	161980	--	--	--	--
	P [kW]	24.4				
	I [A]	34.5				
	EER	6.63				
	mLP [lb/hr]	2394				
	mHP [lb/hr]	2394				
	Qoil[kBTU/h]	42.4				
	tco [°F]	105.0				
	pm [psig]					
	Qsc[kBTU/h]					
130	Qo[BTU/hr]	150152	--	--	--	--
	P [kW]	26.0				
	I [A]	36.5				
	EER	5.78				
	mLP [lb/hr]	2324				
	mHP [lb/hr]	2324				
	Qoil[kBTU/h]	52.4				
	tco [°F]	115.0				
	pm [psig]					
	Qsc[kBTU/h]					

Application Limits



Legend

to [°F]	Evaporation SST
tc [°F]	Condensing SCT
Qo[BTU/hr]	Cooling capacity
P [kW]	Power input
I [A]	Current
EER	COP/EER
mLP [lb/hr]	Mass flow LP
mHP [lb/hr]	Mass flow HP
Qoil[kBTU/hr]	Oil cooler load
tcu [°F]	Liquid temperature
pm [psig]	ECO pressure
Qsc[kBTU/hr]	Sub-cooler capacity (ECO)

-- No calculation possible (see message in single point selection)

* with suction gas superh. 20°F and liquid sub-cooling 15°F