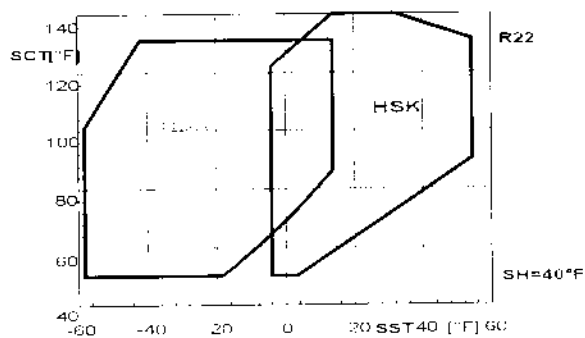


Performance Table: Semi-hermetic Screw Compressors

Compressor type	HSK5341-30	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]	0	+10	+20	+30	+40	+50	+55
140	Qo[BTU/hr]	--	--	159355	198703	--	--	--
	P [kW]			33.3	35.0			
	I [A]			43.0	45.2			
	EER			4.79	5.68			
	mLP [lb/hr]			2549	3130			
	mHP [lb/hr]			2549	3130			
	Qoil[kBTU/h]			80.8	82.3			
	tco [°F]			125.0	125.0			
	pm [psig]							
	Qsc[kBTU/h]							
150	Qo[BTU/hr]	--	--	--	--	--	--	--
	P [kW]							
	I [A]							
	EER							
	mLP [lb/hr]							
	mHP [lb/hr]							
	Qoil[kBTU/h]							
	tco [°F]							
	pm [psig]							
	Qsc[kBTU/h]							
160	Qo[BTU/hr]	--	--	--	--	--	--	--
	P [kW]							
	I [A]							
	EER							
	mLP [lb/hr]							
	mHP [lb/hr]							
	Qoil[kBTU/h]							
	tco [°F]							
	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/h]	Oil cooler load
tco [°F]	Liquid temperature
pm [psig]	ECO pressure
Qsc[kBTU/h]	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