

Model:	HTC120						
Refrigerant:	R134a		R407C		R22		
Reference temperature:	Dew point temperature						
Calculation mode:	Refrigeration / Air Cond.						
Operating mode:	Subcritical						
Condenser Inlet Air Temperature:	°C	35	40	35	40	35	40
Liquid subcooling:	K			5			
Evaporating temperature:	°C			5			
Suction gas superheating:	K			10			
Useful fraction of superheating:	%			100			
Compressors:	Compact twin screw compressors						
fixed speed compressors:	Soft starter						
*variable speed compressors:	Compatible with VFD						
Refrigerating capacity	kW	218.587	201.347	298.731	272.219	307.497	279.499
Power input	kW	61.64	66.94	90.16	100.2	90.06	98.45
Current	A	127.75	135.29	169.7	185.18	169.55	182.36
COP/EER of compressors:		2.94	2.53	2.91	2.41	3.00	2.52
ESEER							
Mass flow	kg/h	5390	5243	6724	6479	6983	6634
Operating frequency	Hz			50			
Power supply	-			400/3/50/PWS			
Selection mode	-			Refrigeration / Air Cond.			
Operating mode	-			100% of the capacity			
Ratio (%)	%			100.00%			
Capacity control				Step or stepless capacity control			
Note				-			
Oil Heater	w			150			
Heat Exchanged (oil Cooler)	kW			-			
Water Side Heat Exchanger pressure drop	Pa						
Water Flow rate	m ³ /h						
Evaporator:				Shell and Tube			
Ambient Air Inlet Temperature:				-15 ~ +52			
Fan:				Direct-Driven Hi Blade			
of fixed speed fan:	n°			6			
*of variable speed Fan:	n°			1			
n° of fan	n°			6			
Power input fan	w			2000			
Length	mm			3130			
Width	mm			1962			
Height	mm			2580			
Sound Level	db						

* optional