

Model:		HTC100					
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	184.022	167.225	250.25	229.071	270.982	250.961
Power input	kW	55.76	60.32	76.93	86.63	82.11	90.13
Current	A	115.98	122.62	147.49	162.33	155.4	167.74
COP/EER of compressors:		2.69	2.29	2.80	2.31	2.86	2.44
ESEER							
Mass flow	kg/h	4538	4354	5633	5452	6154	5957
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