

Model:	HTC80						
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	143.339	131.62	190.367	174.254	204.436	188.122
Power input	kW	43.36	47.01	60.46	67.35	63.83	69.62
Current	A	89.22	94.43	114.13	124.49	119.17	127.95
COP/EER of compressors:		2.77	2.38	2.76	2.30	2.83	2.41
ESEER							
Mass flow	kg/h	3535	2965	4285	4147	4643	4465
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°			4			
*of variable speed Fan:	n°			1			
n° of fan	n°			4			
Power input fan	W			2000			
Length	mm			2088			
Width	mm			1962			
Height	mm			2580			
Sound Level	db						

* optional