

Model:	HTC90						
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	161.679	149.579	220.734	202.058	240.06	222.323
Power input	kW	47.6	51.73	69.44	78.14	72.74	79.84
Current	A	96.9	102.76	128.7	141.91	133.68	144.53
COP/EER of compressors:		2.89	2.49	2.84	2.33	2.96	2.52
ESEER							
Mass flow	kg/h	3987	3895	4968	4809	5452	5277
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