



**UCS-20LOW LOW TEMP AIR COOLED
PHYSICAL DATA**

Temperature	Chilled Water Inlet Temp (°F)		12.2
	Chilled Water Outlet Temp (°F)		5
	Ambient Temp (°F)		95
Cooling Capacity	10 ³ kcal/h		68.80
	BTU/h		272960
	Nominal Tonnage		22.70
Power Supply			460V-3PH-60Hz
Safety Protection Device			High & low voltage protection, current overload protection, antifreezing protection, electrical delay protection
Refrigerant	Type		R404A
Compressor	Type		Semi-hermetic asymmetric Screw Compressor
	Qty.		1
	Input Power	HP	87.16
	Rated Current	A	92.00
Evaporator	Interface Size	DN	DN80
	Water Flow	GPM	88.05
Condenser	Fan Qty.	SET	6
	Input Power	HP	1.44
	Current	A	1.8
Water Pump	Input Power	HP	5.36
	Current	A	12
	Head	M	30
Pipe Size Diameter		IN	3
Water Tank Volume		Gal.	105.66
Machine Size	Length	IN	108.26
	Width		64.96
	Height		78.74
Overall Machine	Weight	LBS	2,095
	Power	HP	101.22
	Current	A	114.8

Remark:

- 1) Nominal Conditions: Chilled water inlet temperature 12.2 F, outlet temp 5 F, ambient temperature 95 F. 45% Ethylene Glycol solution
- 2) Use PLC microcomputer control from Germany SIEMENS
- 3) Input Power: 460-3-60, allowable fluctuate voltage: +/-10%, allowable voltage difference in phase: +/-2%
- 4) Measuring noise spot: 2m ahead and 1.5m in front of chiller with average measurement on four dimensions
- 5) Accept orders for special requirements