



**UCS-30LOW LOW TEMP AIR COOLED
PHYSICAL DATA**

Temperature	Evaporator Temp (°F)		-4
	Chilled Water Outlet Temp (°F)		5
	Condensing Temp (°F)		122
Cooling Capacity	BTU/h		381168
	Nominal Tonnage		30
Power Supply			480V-3PH-60Hz
Safety Protection Device			High & Low Voltage Protection, Current Overload Protection, Anti-freezing Protection, Electrical Delay Protection
Refrigerant	Type		R404A
Compressor	Type		Semi Hermetic Screw Type
	Qty.		1
	Input Power	KW	86.3
	Rated Current	A	120.7
Evaporator	Heat Exchanger	KW	112
	Cooled Water Flow	GPM	88.05
Condenser	Fan Qty.	SET	4
	Input Power	HP	1.44
	Type		Finned
Water Pump	Head	M	35
	Power	KW	4
	Flow	GPH	5283
Pipe Size Diameter		IN	3
Water Tank Volume		Liter	400
Machine Size	Length	IN	134
	Width		83
	Height		95
Overall Machine	Weight	LBS	3702
	Power	KW	98.7
	Current	A	203.5

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