



**UCS-10LOW 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		33.02
	BTU/h		130946
	Ton		10.00
Power Supply			460V-3PH-60Hz
Safety Protection Device			High & low voltage protection, current overload protection, antifreezing protection, electronic delay protection
Refrigerant	Type		R404A
Compressor	Type		Fully hermetic scroll compressor
	Qty.		3
	Input Power	HP	42.24
	Rated Current	A	47.70
Evaporator	Interface Size	DN	DN80
	Water Flow	GPM	29.05
Condenser	Fan Qty.	SET	2
	Input Power	HP	20
	Current	A	31.8
Water Pump	Input Power	HP	2.95
	Current	A	3.6
	Head	M	35
Pipe Size Diameter		IN	3
Water Tank Volume		Gal.	79.25
Machine Size	Length	IN	81.88
	Width		39.37
	Height		81.1
Overall Machine	Weight	LBS	1,940
	Power	HP	48.54
	Current	A	76.8

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 POMP
- 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