



**UCS-05LOW 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 <sup>3</sup> kcal/h		15.05
	BTU/h		59710
	Nominal Tonnage		4.98
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		Fully hermetic scroll compressor
	Qty.		2
	Input Power	HP	22.69
	Rated Current	A	25.90
Evaporator	Interface Size	DN	DN50
	Water Flow	GPM	19.41
Condenser	Fan Qty.	SET	2
	Input Power	HP	2.89
	Current	A	3.6
Water Pump	Input Power	HP	2.01
	Current	A	4.5
	Head	M	26
Pipe Size Diameter		IN	2
Water Tank Volume		Gal.	66.04
Machine Size	Length	IN	79.52
	Width		39.76
	Height		76.77
Overall Machine	Weight	LBS	1,345
	Power	HP	27.59
	Current	A	34

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 BANDPU
- 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