



# Infinity Chillers

## IM-10AR3-SS AIR COOLED

### PHYSICAL DATA

Cooling Capacity	kcal/h		30200
	BTU/h		1200000
	Nominal Capacity	RT	10
	Outlet Water Temp.	°F	50
	Condensation Temp.	°F	122
Power Supply			3PH-220V-60HZ
Max Amp		A	44
Total Power Input		HP	17
Power Supply Cable Diameter		mm <sup>2</sup>	AWG 6
Safety Protection Device			Overload, Inverse Phase, High/Low Pressure, Water Flow, Water Level & Anti-Freeze Protection
Refrigerant	Type		R410A
	Charge	Lbs	10
Compressor	Start Mode		Direct start
	Type		Scroll Type
	Qty		1
	HP		13
	RLA (Rated Load Amp)		34
	LRA(Locked Rotor Amp)		240
Fan	Qty		1
	Type		External Rotar Axial Fan
	Power	HP	1
	Current	A	2.8
	LRA	A	17
	Volume Air Flow	CFM	7000
Condenser	Type		MCHE
	Subcooling	°F	9
	Heat Rejection	BTU/h	236041
Evaporator	Type		Stainless Steel
	Superheat	°F	9
	Heat Rejection	BTU/h	120017
	Cooled Water Flow	GPM	26
	Water Pressure Drop	PSI	≤12



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Energy Adjust Mode		100%-0%
Throttling Device	Mode	
	thermal expansion valve	
Pipe	Water Outlet	
	MNPT 2"	
	Water Inlet	
	MNPT 2"	
Water Pump	Flow	GPM
	Head	PSI
	LRA	A
	Power	HP
Water Tank	Capacity	GAL
Sound Pressure at 1 meter	DBA	
Programming Controller	Display	
	LCD display	
	Controller	
	microcomputer controller	
	Temp Control Range °F	
	+41 ~+95	
	Temp Control Accuracy°F	
	±3.6	
Dimensions	inches (LxWxH)	
	59×37×67	
Weight	lbs	
	816(For Reference)	

## NOTES:

- 1 Cooling capacity based on 5°C (41°F ) leaving coolant and 35°C (95°F) ambient air.  
Chilled water work allowed temperature range: 5°C~35°C ( 41°F ~95°F ).
- 2 Chilled water in and out temperature difference: 3°C~8°C(5.4°F~14.4°F);  
Allowed ambient temperature range: -20°C~40°C(-4°F~104°F).
- 3 Power supply: 3PH-220V-60HZ , Allowing the voltage fluctuate ±10%, allow phase voltage difference ±2%, Allow the frequency range ±0.2Hz.