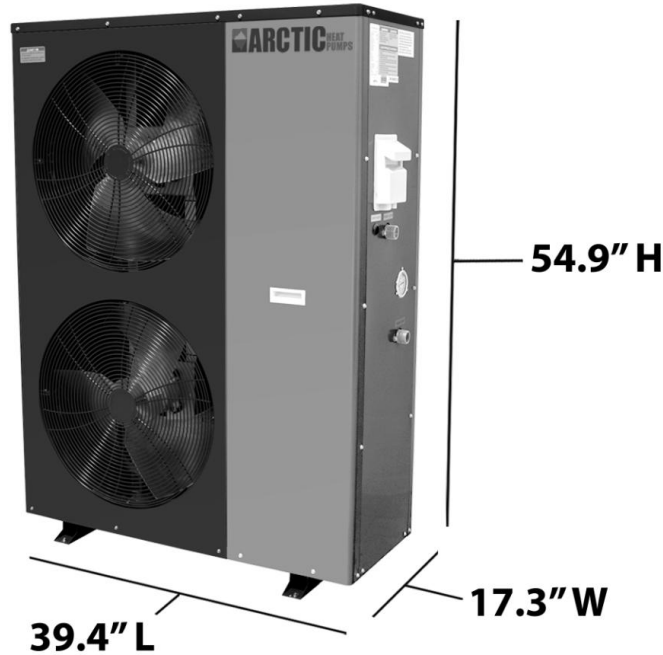




ARCTIC-HP-050ZA/BE-R32

Cold Climate Air Source Hydronic Heatpump

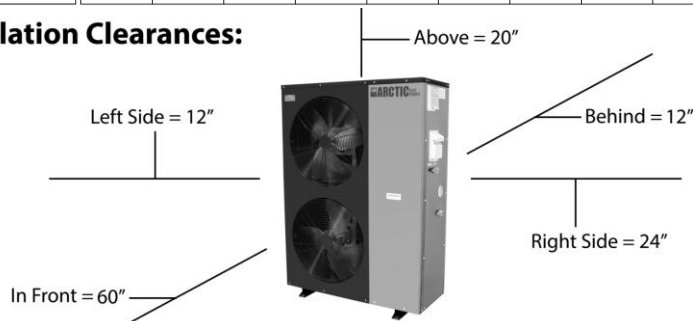


Model	ARCTIC	050ZA(BE)-R32
Power Supply	V/P/Hz	220-240/1/60
Total Load	A	34.1
Breaker Sizing	A	45
Nominal Water Flow Volume	GPM	11.36
Water Pressure Drop	ft head/kPa	16.73/50
Water Inlet/Outlet	Inch	1 mNPT
Refrigerant		R32
Refrigerant Amount	OZ	70.55
Sound Level	db(A)	54
IP Rating		IPX4
Net Weight	KG/LBS	117/258
Unit Dimensions (L/W/H)	mm	1000/440/1395
Unit Dimensions (L/W/H)	inches	39.4/17.3/54.9
Certification		

OUTPUT [BTU/h] @ 7,500 ft. a.s.l.												
LWT	OAT	-22°F	-13°F	-4°F	5°F	19°F	36°F	45°F	59°F	68°F	86°F	109°F
95°F		29,619	31,813	32,961	35,469	39,331	45,967	49,703	53,908	58,879	63,963	
113°F		29,988	32,179	33,128	36,836	40,745	45,903	51,047	51,817	58,488	61,820	68,305
131°F		27,114	33,096	33,853	36,922	40,405	45,996	49,617	48,478	55,316	59,880	65,672
140°F		25,735	26,213	29,526	32,172	36,438	40,328	40,886	40,033	30,286	33,885	

COP [W/W]												
LWT	OAT	-22°F	-13°F	-4°F	5°F	19°F	36°F	45°F	59°F	68°F	86°F	109°F
95°F		2.1	2.4	2.6	2.8	3.4	4.1	4.6	5.2	5.8	8.2	
113°F		1.8	2.0	2.2	2.5	2.8	3.3	3.7	4.1	4.6	5.8	8.1
131°F		1.5	1.7	1.8	2.0	2.3	2.6	2.9	3.1	2.5	4.4	5.7
140°F		1.4	1.3	1.6	1.6	2.0	2.3	2.5	2.7	2.8	3.7	

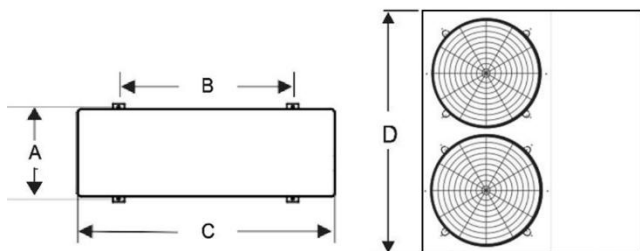
Installation Clearances:



SPECIFICATIONS:

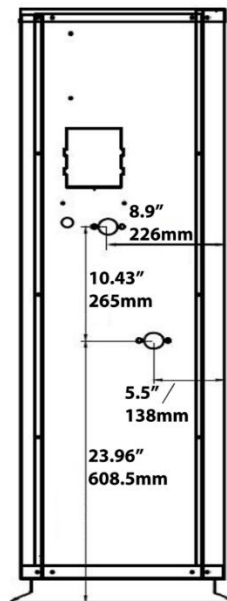
Model	ARCTIC	050ZA(BE)-R32
Power Supply	V/P/Hz	220-240/1/60
Total Load	A	34.1
Breaker Sizing	A	45
Nominal Water Flow Volume	GPM	11.36
Water Pressure Drop	ft head/kPa	16.73/50
Water Inlet/Outlet (External Threaded)	inch	1
Refrigerant		R32
Refrigerant Amount	OZ	70.55
Sound Level	db(A)	54
IP Rating		IPX4
Net Weight	KG/LBS	117/258
Unit Dimensions (L/W/H)	mm	1000/440/1395
Unit Dimensions (L/W/H)	inches	39.4/17.3/54.9
Certification		

Product Dimensions:



Size	050ZA/(BE) & 060ZA/(BE)
A	420mm/16.5"
B	700mm/27.6"
C	1000mm/39.4"
D	1380mm/54.3"

Water Port Locations:



ARCTIC Sales and Technical Representatives for Colorado, Utah, and Wyoming

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