

## HEAT PUMPS



## Maintain perfect water temperature automatically.

Stable water temperature is critical to animal health therefore temperature control is critical. AAT Heat Pumps provide an effective and energy-efficient heating and cooling process.

- ✓ Sensor-enabled, these heat pumps automatically adjust the compressor operation to keep exhibit water temperatures at optimum.
- ✓ Evaporators constructed from industrial-grade titanium that prevents corrosion by seawater.
- ✓ Compressors supplied by global brands resulting in greater stability and power saving features.
- ✓ Highly efficient pipe-fin condensers produced by OAK.
- ✓ EBM fans and motors, from Germany, offer low noise and vibration.
- ✓ Digital temperature controller.
- ✓ Available in a range of sizes and refrigerants.
- ✓ Proven robust and reliable all over the world.
- ✓ Uses less energy than 'heaters and coolers'.

Advanced Aquarium Technologies have pioneered unique techniques and technologies to design, build and operate inspiring and sustainable aquariums all over the world.

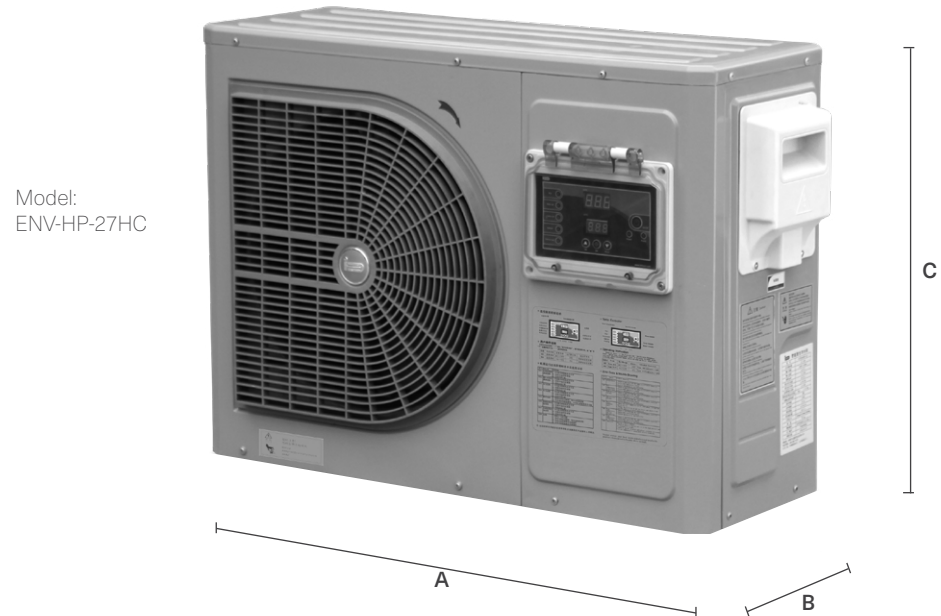
[www.advanced-aquariums.com](http://www.advanced-aquariums.com)

DISCLAIMER: While drafted with due care and diligence, this flyer is provided "as is", the information may change without notification and we do not guarantee that the flyer is free from errors or defects.

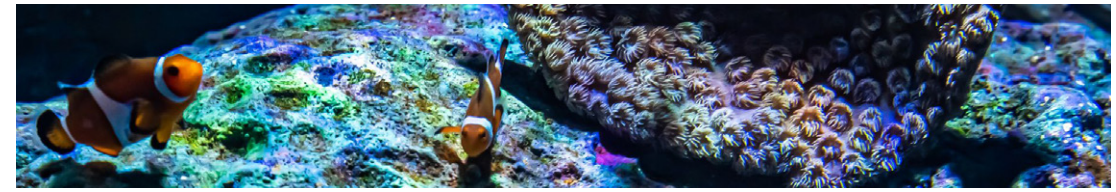
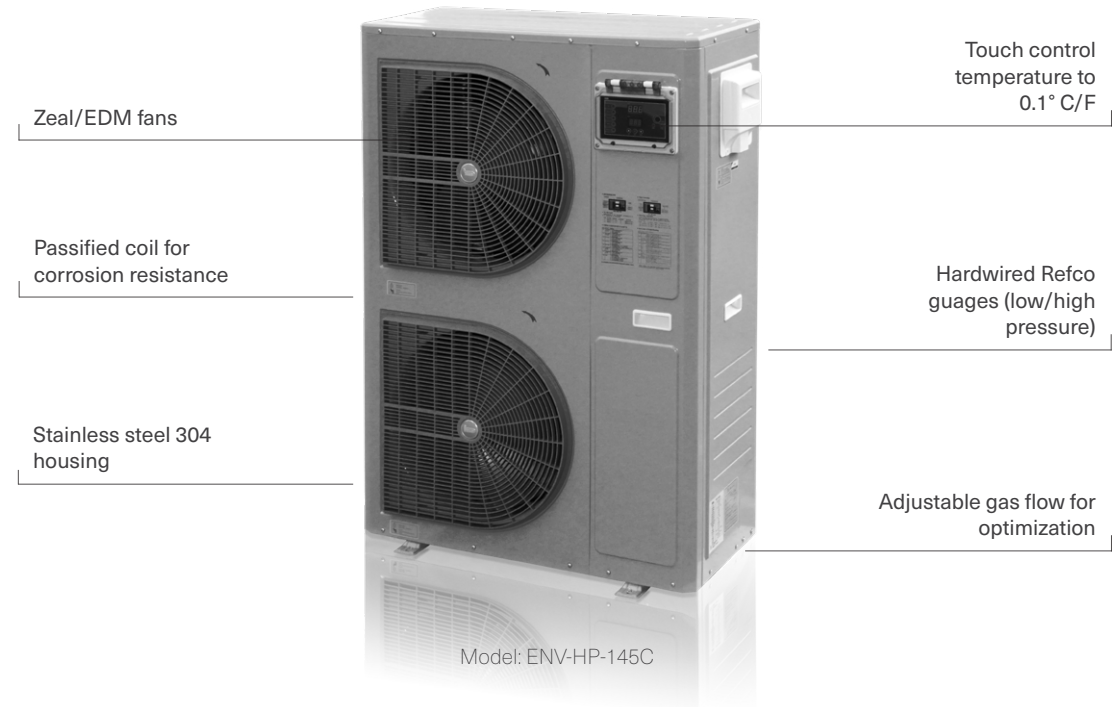
# TECHNICAL SPECIFICATIONS

METRIC & IMPERIAL																			
MODEL	Nominal Cooling/Heating Capacity (kW)	Nominal Cooling/Heating Capacity (BTU)	Power Rating (kW)	Power Supply	Nominal Power of Compressor (kW)	Nominal Power of Fan (w)	Refrigerant	Ambient TEMP	Operational Water TEMP	DIMS									
										Connection Size	A - Depth (mm / inch)	B - Width (mm / inch)	C - Height (mm / inch)	NET weight (kg / lbs)					
ENV-HP-27HC	2.7/(2.7)	9212/(9212)	1.02	220V~/50Hz	0.92	1 x 100	R410C	≤40 °C / ≤104 °F	8 ~ 30 °C / 46.4 ~ 86 °F	1 ½" BSP	768 mm 30 inch	286 mm 11 inch	575 mm 23 inch	34kg / 75lbs					
ENV-HP-36HC	3.6/(3.6)	12283/(12283)	1.35		1.25	1 x 153					R410C	8 ~ 30 °C / 46.4 ~ 86 °F	1 ½" BSP	898 mm 35 inch	375 mm 15 inch	823 mm 32 inch	63.5kg / 140lbs		
ENV-HP-52HC	5.2/(5.2)	17742/(17742)	1.85		1.70												2 x 153	R407C	8 ~ 30 °C / 46.4 ~ 86 °F
ENV-HP-72HC	7.2/(7.2)	24566/(24566)	2.56	2.41	3 x 670		R407C	8 ~ 30 °C / 46.4 ~ 86 °F	3" BSP	2600mm 102.4"									
ENV-HP-85HC	8.5/(8.5)	29002/(29002)	2.88	2.73													2 x 153	R407C	8 ~ 30 °C / 46.4 ~ 86 °F
ENV-HP-145C	14.5/NA	49474/NA	4.66	4.35		2 x 153					R407C	8 ~ 30 °C / 46.4 ~ 86 °F	3" BSP	2600mm 102.4"	1100mm 43.3"	2150mm 84.6"			
ENV-HP-145HC	14.5/(14.5)	49474/(49474)	4.66	4.35	3 x 670		R407C	8 ~ 30 °C / 46.4 ~ 86 °F	3" BSP	2600mm 102.4"							1100mm 43.3"	2150mm 84.6"	113 kg / 249 lbs
ENV-HP-900C	90/NA	307092/NA	9.85	13.62x2		3 x 670					R407C	8 ~ 30 °C / 46.4 ~ 86 °F	3" BSP	2600mm 102.4"	1100mm 43.3"	2150mm 84.6"			905 kg / 1995 lbs

## DIMENSION REFERENCE



## PRODUCT FEATURES





**AUSTRALIA**  
office@advanced-aquariums.com  
+61 7 5476 5300

**USA**  
office@advanced-aquariums.com  
+1 281 645-4004

**CHINA**  
aat@advanced-aquariums.com  
+86 20 3901 0651

**The World's Premier  
Aquarium Infrastructure  
and Services Specialist**

© AAT Advanced Aquarium Technologies Pty. Ltd. 2023