



Q.ENERGY™
GEOTHERMAL SYSTEMS

A7 WATER-TO-AIR

VARIABLE GEOTHERMAL SYSTEMS

5&6T (29"/31"x32"x60")



3&4T (29"/31"x32"x52")



The A7 Water-to-Air Variable systems are offered in two cabinet sizes with four nominal tonnages.

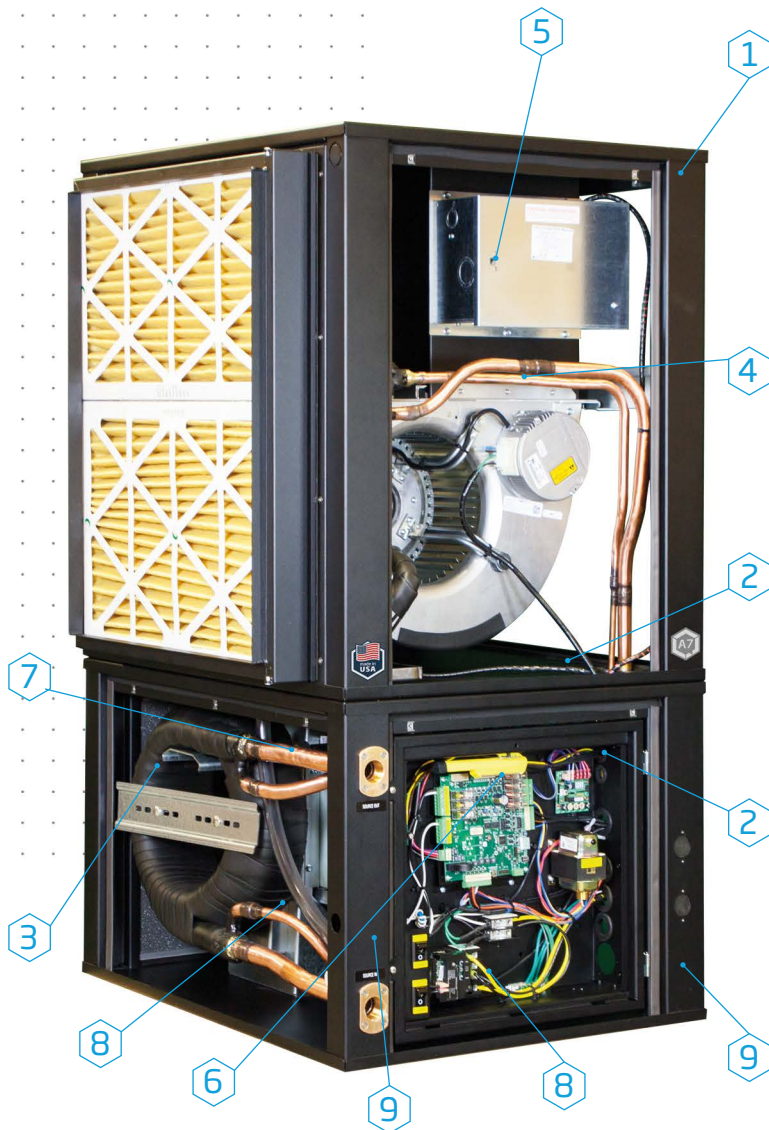
The A7 Water-to-Air Variable Systems are exceptional in every way providing energy efficient, comfortable, even heating or cooling throughout your entire home delivered by whisper quiet air through your duct system. **Better.Design** is the DEC-Star blower with our Q.Plenum™ delivering true innovation in air handling and delivery. **Best.Built** is our heavy gauge, powder coated, all-aluminum cabinet for lifetime corrosion resistance. **American.Made** is using 95% American made high quality components in our units. **Out.Perform** the competition is what we do — compare our performance numbers for yourself. **100%.Guarantee** is our confidence you'll love Q.Energy™ or we will take it back — we are the only manufacture that offers this.



Our 10-year parts and labor warranty with a 5-year money back guarantee is the best in the industry. With our 100% satisfaction guarantee, we will either replace the equipment or give money back if there is any mechanical, operational or performance issues that we are unable to resolve under warranty during the first 5 years.



DESIGN FEATURES



1. All aluminum heavy gauge cabinet with powder coating provides lifetime corrosion resistance
2. 360° removable doors with swing out control panel for access to all components
3. Oversized heat exchangers to optimize heat transfer
4. DEC-Star blower with Q.Plenum™ delivers whisper quiet laminar air to duct system
5. Optional Auxiliary Heat installed and wired by factory
6. American made digital control board
7. Robust controls - flow switches, low/high refrigeration pressure switches, Q Control Board measure and monitors blower & compressor current
8. Hyper Engineering's Secure Start and "White Roger's" Sure Switch solid-state disconnect are standard to protect the compressor on start-up and guard against brown-out issues
9. Our Q.Fittings™ are American made, 100% lead-free ½" and 1" NPT for easy connections and smooth water to Coax

AHRI/ANSI/ISO 13256-1 CAPACITY AND EFFICIENCY DATA

Model & Size		Open Loop (GWHP)				Closed Loop (GLHP)			
		COOL [MBtuh]	EER	HEAT [MBtuh]	COP	COOL [MBtuh]	EER	HEAT [MBtuh]	COP
WAVV36	Full Load	48,6	22.6	43,9	4.2	49,1	22.1	32,3	3.5
	Part Load	22,2	31.3	19,1	5.7	23,4	28.5	19,5	5.5
WAVV48	Full Load	55,1	20.7	52,5	4.2	55,2	20.4	53,7	4.2
	Part Load	22,2	31.3	19,1	5.7	23,4	28.5	19,5	5.5
WAVV60	Full Load	65,1	27.9	62,2	4.4	65,5	22.2	63,1	4.5
	Part Load	28,7	32.5	26,5	4.2	29,1	31.0	25,3	4.1
WAVV72	Full Load	75,2	27.2	73,5	4.3	75,5	21.0	75,0	3.5
	Part Load	28,7	32.5	26,5	4.2	29,1	31.0	25,3	4.1