



Trane Axiom Water Source Heat Pumps

Imagine a full range of comfort utilizing efficiency, sound attenuation, integrated controls, and superior maintenance accessibility. The GEH and GEV models are Trane water source comfort solutions.

Model GEH and GEV products provide a sleek, innovative shape, along with convertibility of the supply-air and the return-air arrangement; serviceability to maintenance compo-

nents; indoor air quality standards; sound attenuation; and best of all, higher efficiencies with certified ARI-ISO13256-1 performance and ASHRAE 90.1 standards.

Trane's new design incorporates system advantages such as:

- Maximum return-air and supply-air flexibility
- Superior maintenance accessibility
- Dual-sloped, noncorrosive drain pan
- Multi-speed motor
- Insulated enclosure for quiet unit design
- Integrated controls
- High and low pressure safeties as standard
- Orifice ring motor mounting device as standard for ease of motor service
- Internal air-to-refrigerant coil (horizontal design)
- 24V condensate overflow switch
- TXV
- Freezestat



AHRI - ISO Ratings

Horizontal, Model GEH

Size	Waterflow	Airflow	Water Loop (WLHP)				Ground Loop (GLHP)			
			Cooling 86F		Heating 68F		Full Cool 77F		Full Heat 32F	
			Cooling capacity (BTUH)	EER	Heating capacity (BTUH)	COP	Cooling capacity (BTUH)	EER	Heating capacity (BTUH)	COP
006	1.8	215	7,500	12.6	9,300	4.6	7,900	14.1	6,000	3.3
009	2.1	285	8,800	13.0	11,300	4.9	9,300	14.5	7,200	3.4
012	2.8	380	11,700	14.0	14,600	4.9	12,000	15.4	9,300	3.4
015	3.5	475	14,300	13.5	18,300	4.5	14,800	15.4	12,100	3.3
018	4.2	570	18,000	13.3	21,900	4.8	18,500	14.9	14,300	3.4
024	5.6	760	24,000	14.4	29,700	4.7	25,100	16.8	19,300	3.4
030	7.0	900	28,200	13.8	35,700	4.6	29,500	15.7	22,800	3.4
036	8.4	1140	35,200	14.2	44,100	4.6	36,600	16.3	28,200	3.3
042	9.8	1330	41,500	13.6	51,900	4.6	43,100	15.4	34,100	3.4
048	11.2	1520	49,700	13.9	58,200	4.8	51,800	15.9	38,700	3.6
060	14.0	1900	59,700	13.4	70,500	4.5	62,200	15.4	46,400	3.4

AHRI - ISO Ratings

Vertical, Model GEV

Size	Waterflow	Airflow	Water Loop (WLHP)				Ground Loop (GLHP)			
			Cooling 86F		Heating 68F		Full Cool 77F		Full Heat 32F	
			Cooling capacity (BTUH)	EER	Heating capacity (BTUH)	COP	Cooling capacity (BTUH)	EER	Heating capacity (BTUH)	COP
006	1.8	215	7,600	12.8	9,500	4.8	7,800	14.8	6,200	3.3
009	2.1	285	8,800	13.0	11,300	5.1	9,100	14.6	7,200	3.5
012	2.8	380	11,600	14.0	14,900	5.0	12,000	15.8	9,400	3.5
015	3.5	475	14,400	13.8	18,300	4.9	14,800	15.6	11,700	3.5
018	4.2	570	17,800	13.1	22,200	4.8	18,300	14.7	14,500	3.5
024	5.6	760	24,700	14.7	29,500	4.8	25,500	17.0	19,500	3.5
030	7.0	900	28,800	14.4	34,900	4.9	29,900	16.5	23,200	3.6
036	8.4	1140	36,300	15.0	46,200	5.0	37,600	17.2	30,100	3.5
042	9.8	1330	41,000	13.9	51,700	4.7	43,100	16.0	33,800	3.5
048	11.2	1520	49,500	14.1	51,400	4.6	51,300	16.2	34,200	3.4
060	14.0	1900	61,600	14.0	71,700	4.8	64,100	15.9	46,800	3.5

Unit size

	006	009	012	015	018	024	030	036	042	048	060
Horizontal											
Length (inch)	40	40	40	40	46	46	46	50	58	58	58
Height (inch)	15	15	15	15	18	18	18	19	21	21	21
Width (inch)	20	20	20	20	23	23	30	25	33	33	33
Vertical											
Length (inch)	22	22	22	22	22	22	22	26	26	30	30
Height (inch)	31	31	31	31	39	39	39	42	42	47	47
Width (inch)	19	19	19	19	21	21	21	24	24	26	26

General Data

Horizontal	006	009	012	015	018	024	030	036	042	048	060
Compressor type	Rotary	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Approximate weight (lb)	165	165	173	173	248	253	253	288	288	398	398
Filter #1 Size	15x20x1	15x20x1	15x20x1	15x20x1	18x23x1	18x23x1	18x25x1	19x26x1	19x26x1	21x30x1	21x30x1
Water in/out size (FPT) (In)	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4	1	1	1
Condensate size (NPTI) (In)	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Blower wheel size (In)	9x4	9x4	9x4	9x4	9x6	10x6	10x6	12x8	12x8	12x11	12x11

Vertical	006	009	012	015	018	024	030	036	042	048	060
Compressor type	Rotary	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Approximate weight (lb)	165	165	173	173	248	253	253	288	288	348	350
Filter #1 Size	16x20x1	16x20x1	16x20x1	16x20x1	18x25x1	18x25x1	18x25x1	20x25x1	20x25x1	28x30x1	28x30x1
Water in/out size (FPT) (In)	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4	3/4	1	1
Condensate size (NPTI) (In)	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Blower wheel size (In)	9x4	9x4	9x4	9x4	9x6	10x6	10x6	12x8	12x8	12x11	12x11