

Model GWS – 3 to 20 tons

Axiom™ rooftop continues to provide the highest standards in quality and reliability, comfort, ease of service, and the performance of Trane products.

Exceptional reliability

Trane customers demand products that provide exceptional reliability, meet stringent performance requirements, and are competitively priced.

Trane delivers all of this with Axiom™ rooftops.

Axiom™ rooftop features cutting edge technologies: reliable compressors, Trane engineered ReliaTel™ controls, computer-aided run testing, and Integrated Comfort™ Systems. So whether you're the contractor, the engineer or the owner, you can be certain Axiom rooftop products are built to meet your needs.



Some of the many standard features include:

- Easy access low voltage terminal board
- Colored and Numbered Wiring
- Crankcase heaters
- Anti-short cycle timer
- Low and High Pressure safeties
- IAQ Sloped Condensate Drain Pan
- Phase Monitor
- Single Side Access
- ReliaTel Microprocessor controls
- 1-year limited parts warranty
- 5-year compressor warranty

Optional Factory Installed features include:

- Through the Base Electrical Access
- Hinged Access Doors
- Stainless Steel Drain pan
- Supply and/or Return Air Smoke Detector
- Powered or Unpowered Convenience Outlet
- Human Interface - 5 inch Color Touchscreen
- Fault Detection Diagnostics (FDD)
- Condensate Overflow Switch
- 2" MERV 8 Filters or 2" MERV 13 Filters with Filter Removal Tool
- Full array of factory mounted controls including:
 - Bacnet® Lontalk® communication interfaces
 - Air-Fi™ Wireless communication

Trane® Axiom™ Rooftop Water Source Heat Pumps

AHRI - ISO Ratings

Model GWS

			Water Loop (WLHP)				Ground Loop (GLHP)			
			Cooling 86F		Heating 68F		Cooling 77F		Heating 32F	
Size	Waterflow	Airflow	Cooling capacity (BTUH)	EER	Heating capacity (BTUH)	COP	Cooling capacity (BTUH)	EER	Heating capacity (BTUH)	COP
036	9.0	1200	40,900	14.95	46,700	4.62	42,700	17.31	30,000	3.41
048	12.0	1600	52,700	16.56	60,100	5.14	55,100	19.28	39,000	3.77
060	15.0	2000	60,200	14.83	74,800	4.86	63,000	17.22	47,800	3.59
072	18.0	2400	75,200	14.20	91,100	4.80	78,600	16.00	58,600	3.60
092	22.5	3000	91,700	14.30	113,800	4.70	95,700	16.50	70,800	3.40
120	30.0	4000	122,000	15.70	145,000	4.90	127,300	18.10	91,900	3.40
150	38.8	4750	160,300	15.90	181,500	5.10	166,800	18.00	118,800	3.70
180	46.5	5700	184,400	14.20	201,000	4.60	192,500	15.90	123,200	3.20
240	62.0	7600	261,600	13.20	313,100	4.40	273,500	14.80	210,000	3.50

Rated in accordance ANSI/AHRI/ASHRAE/ISO13256-1. Certified conditions are 80.6°F DB/66.2°F WB EAT in cooling and 68°F DB/59°F WB EAT in heating.

Models with capacities greater than 135,000 Btuh are not included in the ANSI/AHRI/ASHRAE/ISO13256-1 certification program.

General Data

Horizontal	036	048	060	072	092	120	150	180	240
Length of Cabinet (in.)	69-7/8	69-7/8	88-5/8	88-5/8	88-5/8	88-5/8	121-11/16	121-11/16	121-11/16
Width of Cabinet (in.)	44-1/4	44-1/4	53-1/4	53-1/4	53-1/4	53-1/4	84-3/16	84-3/16	84-3/16
Height (in.)	40-7/8	40-7/8	40-7/8	40-7/8	46-7/8	46-7/8	56-1/8	56-1/8	66-1/4
Max Net Weight (lb)	507	540	682	740	796	850	2024	2028	2198
Compressor quantity	1	1	1	1	1(2-Stage)	1(2-Stage)	2	2	2
Compressor type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Motor HP (Standard/Oversized)	0.75/1.5	1.0/1.5	1.0/1.5	1.0/2.0	2.75/--	2.75/--	3.0/5.0	3.0-5.0 or 7.5	5.0/7.5
Blower Wheel Size (in.)	11x11	11x11	11x11	12x12	19.7x15	19.7x15	18x18	18x18	18x18
Drive Type/No. Speeds	Direct /5	Direct /5	Direct/5	Belt/Variable	Direct/Vari-able	Direct/Vari-able	Belt/1	Belt/1	Belt/1
Water Connections (in.) (NPT)	1.0	1.0	1.0	1.0	1.0	1.0	1-1/2	1-1/2	1-1/2
Drain Connection Size (in.) (NPT)	3/4	3/4	3/4	3/4	3/4	3/4	1.0	1.0	1.0
Filters (Downflow)	(2)20x35x2	(2)20x35x2	(4)16x25x2	(4)16x25x2	(4)20x25x2	(4)20x25x2	(4)20x20x2 (4)20x25x2	(4)20x20x2 (4)20x25x2	(8)20x20x2 (4)20x16x2
Filters (Horizontal)	(2)20x35x2	(2)20x35x2	(4)16x25x2	(4)16x25x2	(4)20x25x2	(4)20x25x2	(8)20x25x2	(8)20x25x2	(12)20x20x2



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit trane.com or tranetechnologies.com.

All trademarks referenced in this document are the trademarks of their respective owners.

© 2020 Trane. All Rights Reserved.

WSHP-SLB050-EN
05/07/2020