

[5=Unit Mount ACO Boilerless (Elec Ht)]

[6=Unit Mount ACO w/ Disconnect]

Model: WMHG

Specifications & Submittal Sheet

New Construction/Replacement Water Source Heat Pump Console

WMHG Equipment Model Decoding: Operation: Cooling Capacity: Piping Options: Electric Heat: Water Connections Options: [H=Heat Pump] [09=10,000 Btuh] [L=Left Hand (Std)] [0=None (Std)] [0=Sweat (Std)] [12=12,000 Btuh] [2=2kW@230V] [R=Right Hand] Refrigerant: [1=Female Pipe Thread] [3=3kW@230V] [M=Left Hand Monoflow] [G=R-410A] [2=Male Pipe Thread] [N=Right Hand Monoflow] [3=Ball VIv & Union] Voltage: Model Series: [4=Sweat w/ CuNi Coil] [A=115V/1ph/60Hz] Cabinet Options: [WM=McQuay, Singer, Climate [5=FPT w/ CuNi Coil] [D=208-230V/1ph/60Hz (Std)] Control WM Replacement] [A=No Cabinet] [6=MPT w/ CuNi Coil] [E=265-277V/1ph/60Hz] [7=BV&U w/ CuNi Coil] Controls Options: [0=Unit Mount MCO] [A=Remote] [1=Unit Mount MCO, Boilerless (Elec Ht)] [B=Remote, Primary/Secondary] [2=Unit Mount MCO w/ Disconnect] [C=Remote w/ Disconnect] [3=Unit Mount MCO, Boilerless (Elec Ht) w/ Disconnect] [D=Remote, Primary/Secondary, w/ Disconnect] [4=Unit Mount ACO] [E=Remote, Boilerless (Elec Ht)]

[F=Remote, Primary/Secondary, Boilerless (Elec Ht)]

[G=Remote, Boilerless (Elec Ht) w/ Disconnect]

Please indicate the quantity of any field-installed accessory, desired for each unit										
Thermostat, Single-Stage, 1-Heat/1-Cool, 24Vac, Programmable, ICM, Manual Changeover (PN 240008208)		Thermostat, T9000, Wireless, Battery, Single Stage, 1-Ht/1-Cl, 5/2-Prog, MCO [#240009905 also required] (PN 240009781)								
Thermostat, 2-Stage, 2-Heat/2-Cool, 24Vac, Programmable, ICM, Manual Changeover (PN 240008209)		Remote Control Node, T9000, Printed Circuit Board, Wireless, 24Vac, 1/unit req'd [#240009781 also required] (PN 240009905)								
Thermostat, Single-Stage, 1-Heat/1-Cool, 24Vac, Programmable, ICM, Auto Changeover (PN 240008210)		Isolation Ball Valve, 1/2", Sweat Connections (PN 107000001)								

Important Selection Notes	Order Qty
Electric Heat available on the WMHG09D (208/230V) Only	
 If selecting electric heat, select a "Boilerless" control option 24Vac Remote thermostat sold separately 	
Primary/Secondary has replaced Master/Slave	

DOE Performance Data (AHRI/ISO 13256-1)									
	Cooling	Sensible		Heat Pump		Indoor			
Model	Btuh (kW)	Heat	EER	Btuh (kW)	COP	Airflow	Sound		
		Ratio		Bluii (KVV)		CFM (L/S)	dB(A)		
WMHG09	10,000 (2.9)	0.77	12.2	11,000 (3.2)	4.3	400 (189)	45		
WMHG12	12,000 (3.5)	0.85	12.2	13,600 (4.0)	4.3	450 (212)	48		

[7=Unit Mount ACO, Boilerless (Elec Ht) w/ Disconnect] [H=Remote, Primary/Secondary, Boilerless (Elec Ht) w/ Disconnect]



To:		Project:	
Date:		Customer:	
From:		Location:	
Contact:		Engineer:	
•		Unit Tag#	
For Your:	Reference	Approval	Construction

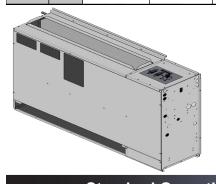
Electrical, Dimensional and Miscellaneous Specifications

Electrical Data - WMHG09																								
Dawar Cumply	_	Camp	Indoor Fan				Electric Heat					Unit Ele	ectrical F	Ratings										
Power Supply	′	Compi	162201	essor Motor						TCA	THA	MCA	МОСР	Standard	Optional									
Voltage	Min.	RLA	LRA	FLA	Нр	Htr#	Htr V	Htr W	Htr A	ICA	ITIA	IVICA	WIOCP	Connection	Plug									
115V/1ph/60Hz	104	8	45.6	1.4	0.09	0	N/A	N/A	N/A	9.4	N/A	11.4	15	Hard-Wired	5-15P									
	197 4														0	N/A	N/A	N/A		N/A	5.6	15	Hard-Wired	6-15P
			22.2		0.08		208	1636	7.9		8.5	10.6	15	Hard-Wired	6-15P									
208-230V/1ph/60Hz		4		0.6			230	2000	8.7	4.6	9.3	11.6	15	naru-vvireu	0-15F									
						3	208	2454	11.8		12.4	15.5	20	Hard-Wired	6-20P									
						3	230	3000	13.0		13.6	17.1	20	naiu-vviieu 6-20P	0-206									
265V/1ph/60Hz	240	3.32	18.8	0.67	0.08	0	N/A	N/A	N/A	4.0	N/A	4.8	15	Hard-Wired	7-20P									

Electrical Data - WMHG12															
Power Supply		Compressor		Indoor Fan		Electric Heat				Unit Electrical Ratings					
		Compi	162201	Motor			Electric Heat			TCA	THA	MCA	МОСР	Standard	Optional
Voltage	Min.	RLA	LRA	FLA	Нр	Htr#	Htr V	Htr W	Htr A	ICA	ППА	IVICA	WIOCF	Connection	Plug
115V/1ph/60Hz	104	11.8	63	1.4	0.09	0	N/A	N/A	N/A	10.6	N/A	12.9	20	Hard-Wired	5-20P
208-230V/1ph/60Hz	197	5.6	32.5	0.6	0.08	0	N/A	N/A	N/A	5.7	N/A	7.0	15	Hard-Wired	6-15P
265-277V/1ph/60Hz	240	4.2	31.5	0.67	0.08	0	N/A	N/A	N/A	4.9	N/A	5.9	15	Hard-Wired	7-20P

Optional Electrical Plugs (SER)									
	LINE	15 AM	PERE	20 AMF	PERE	30 AN	IPERE		
VOLTAGE	NO.	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG		
125V	5	5-15R	5-15P W I	5-20R () () () () () ()	5-20P W I	5-20R () () () () () () () () () (5-30P WF I		
250V	6	6-15R G-0	6-15P	6-20R	6-20P (I -	6-30R	6-30P		
277 V	7	7-15R () W	7-15P (W)	7-20R W	7-20P (GW)	7-30R (G (N)	7-30P		

Miscellaneous Product Data							
Return Air Filter	1-Washable Metal Mesh						
Cab RA Filter Dim	27 7/8" x 9 7/8" x 3/8"						
Elec Ht (Optional)	EWT ≤ 50°F						
Shipping Dims	42 1/2" × 28" × 11 1/2"						
WMHG09 Ship Wt	150 lbs (68 kg)						
WMHG12 Ship Wt	160 lbs (73 kg)						
Compressor Type	Rotary/R-410A						
WMHG09 Ref Chrg	19 Ounces						
WMHG12 Ref Chrg	23 Ounces						













Standard Operating Limits									
Air Temp Limits	Cooling °F (°C)	Heating °F (°C)							
Minimum Ambient Air	50 (10)	50 (10)							
Rated Ambient Air	80.7 (27)	68 (20)							
Maximum Ambient Air	100 (38)	85 (30)							
Minimum EAT DB/WB	67/57 (20/14)	N/A							
Rated EAT DB/WB	80.7/66.3 (27/19.1)	68 (20)							
Maximum EAT DB/WB	100/83 (38/29)	80 (27)							
Water Temp Limits	Cooling °F (°C)	Heating °F (°C)							
Minimum EWT	60 (16)	60 (16)							
Maximum EWT	95 (35)	90 (33)							

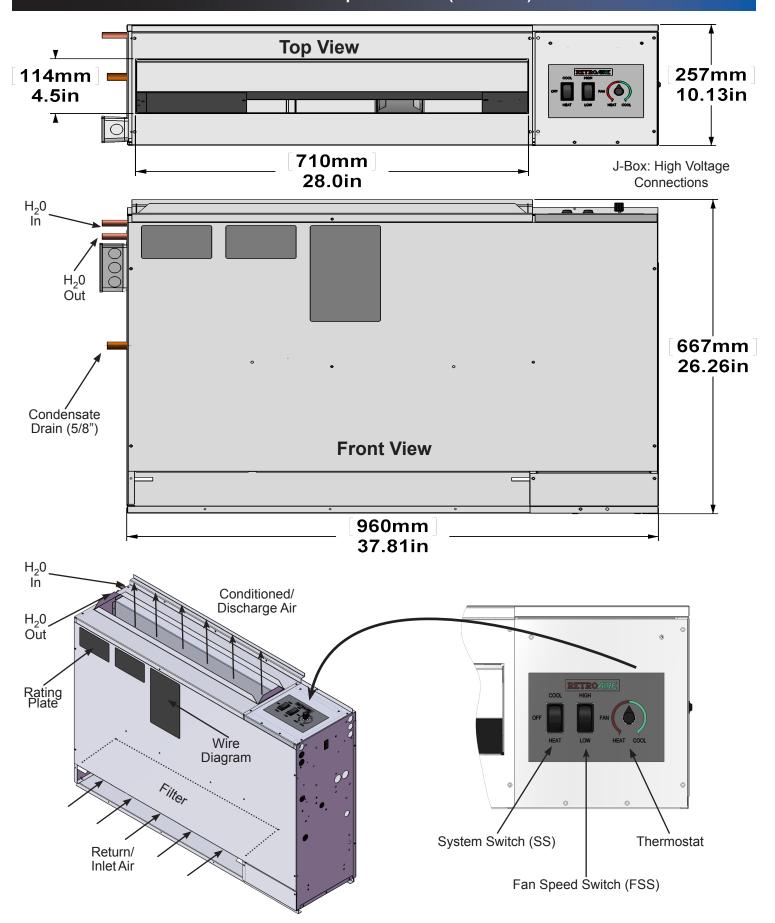
Note: EAT & Ambient Temp surrounding the unit, are the same value

Job-Guide Specifications

- Standard Warranty: 1 Year Parts & 5 Year Compressor
- High Pressure Switch with Integral Compressor Lockout Relay (Cycle SS Off/On to Reset)
- Low Water Temperature Cut-out Switch with Integral Compressor Lockout Relay (Cycle SS Off/On to Reset)
- · Indoor Coil Freeze Protection
- Single Stage Heating Operation (w/ or w/o Electric Heat)
- DOE Performance Qualified & Listed
- ETL-US & Canada Listed for Safety to UL484 Standard
- Drop-in for McQuay, Singer & Climate Control "WM" Series
- · Reversing Valve Energized in Cooling
- Meets ASHRAE 90.1-2010 for New Construction efficiency

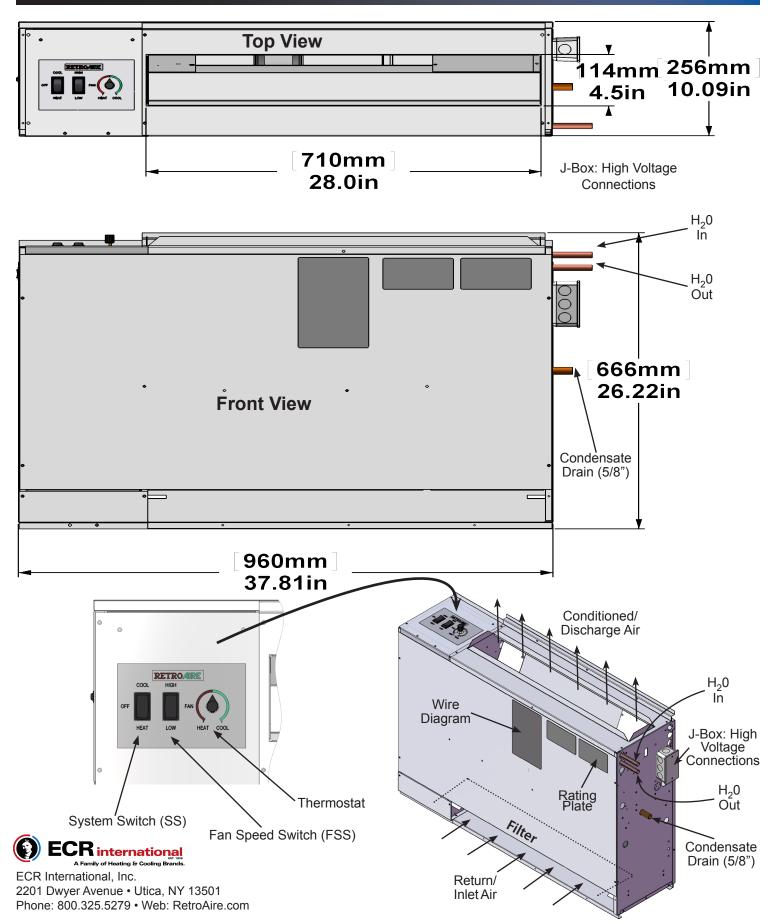
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Dimensional Specifications (Left Hand)



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Dimensional Specifications (Right Hand)



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