

Product Fiche

Product fiche according to Commission Delegated Regulation (EU) 811/2013

Brand		GRUNDIG																			
Model Name		GHPH-MM08		GHPH-MM10		GHPH-MM12		GHPH-MM14		GHPH-MM16		GHPH-MM312		GHPH-MM314		GHPH-MM316					
Stock code		8509423600		8509433600		8509443600		8509453600		8509463600		8509473600		8509483600		8509493600					
Temperature application		°C		55	35	55	35	55	35	55	35	55	35	55	35	55	35				
Seasonal space heating energy efficiency class		A++	A+++	A++	A+++	A++	A+++	A++	A+++	A++	A+++	A++	A+++	A++	A+++	A++	A+++				
Rated heat output		P_{rated}	kW	7	8	7	9	11	11	13	13	14	15	11	11	12	13	13	15		
Seasonal space heating energy efficiency		η_s	%	130	180	132	180	132	180	132	175	132	175	130	177	130	177	130	173		
Annual energy consumption		Q_{HE}	kWh	4069	3489	4695	4132	6761	5280	7826	6198	8765	7043	7763	5961	8910	6960	9197	8032		
Sound power level		Indoor Unit	L_{WA}	dB		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Specific precautions in assembled, installed or maintained		Refer to the installation and operating manuals.																			
Rated heat output		Colder climate	P_{rated}	kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Warmer climate	P_{rated}	kW	8	8	10	10	12	12	14	14	15	16	12	12	14	14	15	16	
Seasonal space heating energy efficiency		Colder climate	η_s	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Warmer climate	η_s	%	165	231	182	212	177	261	161	253	165	240	177	261	161	253	165	240	
Annual energy consumption		Colder climate	Q_{HE}	kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Warmer climate	Q_{HE}	kWh	2565	1885	2895	2541	3582	2489	4419	3036	4855	3515	3582	2489	4419	3036	4855	3515	
Sound power level		Outdoor Unit	L_{WA}	dB		59		60		64		65		68		64		65		68	

● **Acoustic Noise Information:**

The maximum sound pressure level is less than 70 dB for outdoor unit which Rated heat output > 6 kW and ≤ 12 kW;
 The maximum sound pressure level is less than 78 dB for outdoor unit which Rated heat output > 12 kW and ≤ 30 kW;
 According to EN 12102-1:2017.

- Power-on is mandatory for the unit in winter to ensure the anti-freezing function in standby mode; Normal pressure in the water loop should be kept in summer; Water should be filled up to the loop immediately after cleaning.
- If the power is cut off for more than one hour in winter when the temperature is lower than 0°C, the water in the unit should be drained out to prevent the unit from freezing (the application of anti-freeze as media should be an exception).
- In addition, in the case of long-time-no-application, early notice to after sales engineers and professional maintenance is needed in order to keep the unit in good condition during operation.
- Do not use this unit for any purposes other than the Heating and Cooling.