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### This information was generated by the HP KEYMARK database on 23 Jun 2022

#### **Login**

Summary of	Áurea+ HP60 05/08 / AHP60 06/08	Reg. No.	ICIM-PDC-000122-00	
Certificate Holder				
Name	Group Atlantic España - Soluciones Confort Térmico S.A.			
Address	Calle Antonio Machado, 65 - Edificio Sócrates Zip 08840			
City	Viladecans, Barcelona	Country	Spain	
Certification Body	ICIM S.p.A.			
Subtype title	Áurea+ HP60 05/08 / AHP60 06/08			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	1.5 kg			
Certification Date	18.10.2021			
Testing basis	HP KEYMARK certification scheme rules rev. no. 7			



# Model: HP60-06 / AHP60-06

Configure model		
Model name	HP60-06 / AHP60-06	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply	1x230V 50Hz	

## Cooling

EN 14511-2		
+7°C/+12°C		
El input	1.60 kW	
Cooling capacity	5.02	
EER	3.14	

#### EN 14825





This information was generated by the HP KEYMARK database on 23 Jun 2022 +7°C/+12°C 5.02 kW **Pdesignc SEER** 4.12  $Pdc Tj = 35^{\circ}C$ 5.02 kW 3.14 EER Tj = 35°C  $Pdc Tj = 30^{\circ}C$ 3.70 kW EER Tj = 30°C 4.03 Cdc 1.0  $Pdc Tj = 25^{\circ}C$ 2.70 kW 4.82 EER Tj = 25°C Cdc 1.0  $Pdc Tj = 20^{\circ}C$ 2.96 kW 6.57 EER Tj = 20°C Cdc 1.0 Poff 19 W PTO 0 W **PSB** 19 W **PCK** 30 W

### Heating

Annual energy consumption Qce

730 kWh



EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.08 kW	6.03 kW
El input	1.35 kW	2.14 kW
СОР	4.51	2.82

EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

## **Average Climate**

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level outdoor	64 dB(A)	64 dB(A)	

EN 14825		
	Low temperature	Medium temperature
$\eta_{S}$	175 %	126 %
Prated	7.00 kW	7.00 kW





		1111 database on 25 jun 202
SCOP	4.46	3.21
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	6.10 kW	5.80 kW
COP Tj = -7°C	2.96	2.08
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	3.70 kW	3.60 kW
COP Tj = +2°C	4.36	3.30
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	3.20 kW	3.00 kW
COP Tj = +7°C	5.56	3.49
Cdh Tj = $+7$ °C	0.967	0.978
Pdh Tj = 12°C	3.70 kW	3.60 kW
COP Tj = 12°C	7.88	6.49
Cdh Tj = +12 °C	0.959	0.966
Pdh Tj = Tbiv	6.10 kW	5.80 kW
COP Tj = Tbiv	2.96	2.08
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.10 kW	6.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.73	1.95
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °C	60 °C
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Poff	19 W	19 W
PTO	22 W	22 W
PSB	19 W	19 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.90 kW	1.00 kW
Annual energy consumption Qhe	3178 kWh	4190 kWh



# Model: HP60-08 / AHP60-08

Configure model		
Model name	HP60-08 / AHP60-08	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply	1x230V 50Hz	

## Cooling

EN 14511-2			
+7°C/+12°C			
El input	1.99 kW		
Cooling capacity	6.08		
EER	3.05		

#### EN 14825

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





	+7°C/+12°C
Pdesignc	6.08 kW
SEER	4.25
Pdc Tj = 35°C	6.08 kW
EER Tj = 35°C	3.05
Pdc Tj = 30°C	4.49 kW
EER Tj = 30°C	4.07
Cdc	1.0
Pdc Tj = 25°C	2.74 kW
EER Tj = 25°C	4.84
Cdc	1.0
Pdc Tj = 20°C	3.02 kW
EER Tj = 20°C	6.70
Cdc	1.0
Poff	19 W
PTO	o w
PSB	19 W
PCK	30 W
Annual energy consumption Qce	857 kWh

## Heating



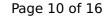
EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.81 kW	7.55 kW
El input	1.78 kW	2.65 kW
СОР	4.38	2.85

EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

### **Average Climate**

EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	176 %	128 %
Prated	7.00 kW	7.00 kW





		2 27
SCOP	4.46	3.27
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	6.50 kW	6.30 kW
$COP Tj = -7^{\circ}C$	2.95	1.91
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = $+2$ °C	4.00 kW	3.80 kW
COP Tj = +2°C	4.37	3.33
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	3.10 kW	3.10 kW
$COPTj = +7^{\circ}C$	5.55	3.90
Cdh Tj = +7 °C	0.966	0.976
Pdh Tj = 12°C	3.70 kW	3.60 kW
COP Tj = 12°C	7.86	6.30
Cdh Tj = +12 °C	0.959	0.967
Pdh Tj = Tbiv	6.50 kW	6.30 kW
COP Tj = Tbiv	2.95	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.50 kW	6.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.70	1.95
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °C	60 °C



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Poff	19 W	19 W
РТО	22 W	22 W
PSB	19 W	19 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.50 kW	0.60 kW
Annual energy consumption Qhe	3411 kWh	4494 kWh



# Model: HPS60-08 / AHPS60-08

Configure model		
Model name	HPS60-08 / AHPS60-08	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

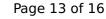
General Data	
Power supply	1x230V 50Hz

## Cooling

EN 14511-2			
+7°C/+12°C			
El input	1.99 kW		
Cooling capacity	6.08		
EER	3.05		

#### EN 14825

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	+7°C/+12°C
Pdesignc	6.08 kW
SEER	4.25
Pdc Tj = 35°C	6.08 kW
EER Tj = 35°C	3.05
Pdc Tj = 30°C	4.49 kW
EER Tj = 30°C	4.07
Cdc	1.0
Pdc Tj = 25°C	2.74 kW
EER Tj = 25°C	4.84
Cdc	1.0
Pdc Tj = 20°C	3.02 kW
EER Tj = 20°C	6.70
Cdc	1.0
Poff	19 W
PTO	0 W
PSB	19 W
PCK	30 W
Annual energy consumption Qce	857 kWh

## Heating



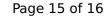
EN 14511-2			
	Low temperature	Medium temperature	
Heat output	4.58 kW	4.43 kW	
El input	0.98 kW	1.46 kW	
СОР	4.67	3.03	

EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

## **Average Climate**

EN 12102-1				
	Low temperature	Medium temperature		
Sound power level outdoor	53 dB(A)	53 dB(A)		

EN 14825		
	Low temperature	Medium temperature
$\eta_{S}$	180 %	131 %
Prated	7.00 kW	7.00 kW





SCOP	4.58	3.36
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = $-7^{\circ}$ C	6.40 kW	6.20 kW
$COPTj = -7^{\circ}C$	2.97	1.93
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	3.90 kW	3.80 kW
COP Tj = +2°C	4.48	3.42
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	3.10 kW	3.10 kW
$COP Tj = +7^{\circ}C$	5.80	4.11
Cdh Tj = +7 °C	0.965	0.975
Pdh Tj = 12°C	3.60 kW	3.60 kW
COP Tj = 12°C	7.36	6.46
Cdh Tj = +12 °C	0.958	0.966
Pdh Tj = Tbiv	6.50 kW	6.20 kW
COP Tj = Tbiv	2.95	1.93
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.20 kW	6.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.60	1.88
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °C	60 °C



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Poff	19 W	19 W
РТО	22 W	22 W
PSB	19 W	19 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.80 kW	0.90 kW
Annual energy consumption Qhe	3281 kWh	4320 kWh