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## Login

Summary of	Grant Aerona3 HPID17R32	Reg. No.	041-K005-04	
Certificate Holder				
Name	Grant Engineering (Ireland) ULC	Grant Engineering (Ireland) ULC		
Address	Barrack St	Zip	R42 D788	
City	Ballinree, Birr	Country	Ireland	
Certification Body	BRE Global Limited	BRE Global Limited		
Subtype title	Grant Aerona3 HPID17R32	Grant Aerona3 HPID17R32		
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	2.8 kg			
Certification Date	01.03.2022			
Testing basis	Heat Pump Keymark Scheme Rules Rev 09			



## Model: HPID17R32

Configure model		
Model name	HPID17R32	
Application	Heating + DHW + low temp	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

## Heating

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

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	18 kW	15.3 kW	
El input	3.77 kW	4.86 kW	
СОР	4.79	3.15	

## Average Climate

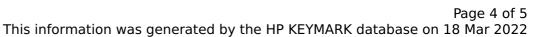


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EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	61.6 dB(A)	61.6 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	181 %	142 %
Prated	12.80 kW	12.20 kW
SCOP	4.61	3.64
Tbiv	-9 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.00 kW	12.80 kW
COP Tj = -7°C	3.06	2.34
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	7.70 kW	7.43 kW
COP Tj = +2°C	4.61	3.61
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	9.20 kW	9.11 kW
COP Tj = +7°C	6.75	5.21
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	6.20 kW	6.10 kW

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





9.64	8.12
0.990	0.990
11.64 kW	10.76 kW
3.08	2.12
11.40 kW	9.57 kW
3.24	2.15
0.990	0.990
60 °C	60 °C
100 W	100 W
40 W	40 W
100 W	100 W
o w	0 W
Electricity	Electricity
1.40 kW	2.63 kW
5731 kWh	6931 kWh
	0.990 11.64 kW 3.08 11.40 kW 3.24 0.990 60 °C 100 W 40 W 100 W Electricity 1.40 kW

Domestic Hot Water (DHW)

Average Climate





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EN 16147		
Declared load profile	L	
Efficiency ηDHW	99 %	
СОР	2.4	
Heating up time	00:49 h:min	
Standby power input	27.5 W	
Reference hot water temperature	49.42 °C	
Mixed water at 40°C	279.21	