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Summary of	Platinum BC Mural iR32 12-16 & Platinum BC Integra iR32 12-16 & Platinum BC Mural Hybrid iR32 12-16	Reg. No.	22HK0047/00
Certificate Holder			
Name	BAXI Climatización S.L.U		
Address	López de Hoyos 35	Zip	28002
City	Madrid	Country	Spain
Certification Body	Kiwa Nederland B.V.		
Subtype title	Platinum BC Mural iR32 12-16 & Platinum BC Integra iR32 12-16 & Platinum BC Mural Hybrid iR32 12-16		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1.84 kg		
Certification Date	11.11.2022		
Testing basis	European KEYMARK Scheme for Heat Pumps (v10)		

## Model: Platinum BC Integra 12EM iR32

Configure model	
Model name	Platinum BC Integra 12EM iR32
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

General Data	
Power supply	1x230V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	12.10 kW	12.00 kW
El input	2.44 kW	3.87 kW
COP	4.95	3.10

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

### Cooling

This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	10.55 kW	10.77 kW
Cooling capacity	4.19	2.92
EER	2.52	3.69

**EN 14825**

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	10.55 kW	10.77 kW
SEER	4.09	6.66
P <sub>dc Tj = 35°C</sub>	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
C <sub>dc Tj = 35 °C</sub>	0.900	0.900
P <sub>dc Tj = 30°C</sub>	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
C <sub>dc Tj = 30 °C</sub>	0.900	0.900
P <sub>dc Tj = 25°C</sub>	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
C <sub>dc Tj = 25 °C</sub>	0.900	0.900
P <sub>dc Tj = 20°C</sub>	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
C <sub>dc Tj = 20 °C</sub>	0.900	0.900
P <sub>off</sub>	14 W	14 W
PTO	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1548 kWh	971 kWh

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	178 %	135 %
Prated	12.00 kW	11.58 kW
SCOP	4.52	3.46
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.61 kW	10.25 kW
COP Tj = -7°C	2.88	2.01
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	6.48 kW	6.52 kW
COP Tj = +2°C	4.30	3.44
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.44 kW	4.36 kW
COP Tj = +7°C	6.00	4.59
Cdh Tj = +7 °C	0.900	0.900

This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.74 kW	3.30 kW
COP Tj = 12°C	8.47	6.05
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	10.61 kW	10.25 kW
COP Tj = Tbiv	2.88	2.01
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.75 kW	9.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.77	1.79
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.26 kW	2.50 kW
Annual energy consumption Qhe	5482 kWh	6919 kWh

## Domestic Hot Water (DHW)

### Average Climate

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	108 %
COP	2.60
Heating up time	0:57 h:min
Standby power input	35.1 W
Reference hot water temperature	53.7 °C
Mixed water at 40°C	248 l

## Model: Platinum BC Integra 16EM iR32

Configure model	
Model name	Platinum BC Integra 16EM iR32
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

General Data	
Power supply	1x230V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	16.00 kW
El input	3.56 kW	5.52 kW
COP	4.50	2.90

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

### Cooling



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<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	12.36 kW	11.63 kW
Cooling capacity	5.44	3.22
EER	2.27	3.61

<b>EN 14825</b>		

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	12.36 kW	11.63 kW
SEER	4.23	6.19
P <sub>dc Tj = 35°C</sub>	12.36 kW	11.63 kW
EER Tj = 35°C	2.27	3.61
C <sub>dc Tj = 35 °C</sub>	0.900	0.900
P <sub>dc Tj = 30°C</sub>	9.40 kW	8.67 kW
EER Tj = 30°C	3.41	5.22
C <sub>dc Tj = 30 °C</sub>	0.900	0.900
P <sub>dc Tj = 25°C</sub>	5.89 kW	5.39 kW
EER Tj = 25°C	4.89	7.78
C <sub>dc Tj = 25 °C</sub>	0.900	0.900
P <sub>dc Tj = 20°C</sub>	2.81 kW	2.48 kW
EER Tj = 20°C	5.80	6.89
C <sub>dc Tj = 20 °C</sub>	0.900	0.900
P <sub>off</sub>	14 W	14 W
PTO	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1754 kWh	1128 kWh

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	177 %	133 %
Prated	15.21 kW	13.02 kW
SCOP	4.50	3.41
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.45 kW	11.52 kW
COP Tj = -7°C	2.72	1.99
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.20 kW	7.18 kW
COP Tj = +2°C	4.30	3.34
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.70 kW	4.56 kW
COP Tj = +7°C	6.20	4.61
Cdh Tj = +7 °C	0.900	0.900

This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.78 kW	3.32 kW
COP Tj = 12°C	8.51	6.07
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	13.45 kW	11.52 kW
COP Tj = Tbiv	2.72	1.99
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.52 kW	10.33 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48	1.80
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.68 kW	2.67 kW
Annual energy consumption Qhe	6979 kWh	7890 kWh

## Domestic Hot Water (DHW)

### Average Climate

This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	108 %
COP	2.60
Heating up time	0:57 h:min
Standby power input	35.1 W
Reference hot water temperature	53.7 °C
Mixed water at 40°C	248 l

## Model: Platinum BC Mural 12EM iR32

<b>Configure model</b>	
Model name	Platinum BC Mural 12EM iR32
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

<b>General Data</b>	
Power supply	1x230V 50Hz

### Heating

<b>EN 14511-2</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Heat output	12.10 kW	12.00 kW
El input	2.44 kW	3.87 kW
COP	4.95	3.10

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

### Cooling

This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	10.55 kW	10.77 kW
Cooling capacity	4.19	2.92
EER	2.52	3.69

<b>EN 14825</b>		

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	10.55 kW	10.77 kW
SEER	4.09	6.66
P <sub>dc Tj = 35°C</sub>	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
C <sub>dc Tj = 35 °C</sub>	0.900	0.900
P <sub>dc Tj = 30°C</sub>	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
C <sub>dc Tj = 30 °C</sub>	0.900	0.900
P <sub>dc Tj = 25°C</sub>	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
C <sub>dc Tj = 25 °C</sub>	0.900	0.900
P <sub>dc Tj = 20°C</sub>	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
C <sub>dc Tj = 20 °C</sub>	0.900	0.900
P <sub>off</sub>	14 W	14 W
PTO	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1548 kWh	971 kWh

## Average Climate



<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	178 %	135 %
Prated	12.00 kW	11.58 kW
SCOP	4.52	3.46
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.61 kW	10.25 kW
COP Tj = -7°C	2.88	2.01
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	6.48 kW	6.52 kW
COP Tj = +2°C	4.30	3.44
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.44 kW	4.36 kW
COP Tj = +7°C	6.00	4.59
Cdh Tj = +7 °C	0.900	0.900

This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.74 kW	3.30 kW
COP Tj = 12°C	8.47	6.05
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	10.61 kW	10.25 kW
COP Tj = Tbiv	2.88	2.01
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.75 kW	9.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.77	1.79
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.26 kW	2.50 kW
Annual energy consumption Qhe	5482 kWh	6919 kWh

## Model: Platinum BC Mural 16EM iR32

<b>Configure model</b>	
Model name	Platinum BC Mural 16EM iR32
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

<b>General Data</b>	
Power supply	1x230V 50Hz

### Heating

<b>EN 14511-2</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Heat output	16.00 kW	16.00 kW
El input	3.56 kW	5.52 kW
COP	4.50	2.90

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

### Cooling

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<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	12.36 kW	11.63 kW
Cooling capacity	5.44	3.22
EER	2.27	3.61

<b>EN 14825</b>		

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	12.36 kW	11.63 kW
SEER	4.23	6.19
P <sub>dc Tj = 35°C</sub>	12.36 kW	11.63 kW
EER Tj = 35°C	2.27	3.61
C <sub>dc Tj = 35 °C</sub>	0.900	0.900
P <sub>dc Tj = 30°C</sub>	9.40 kW	8.67 kW
EER Tj = 30°C	3.41	5.22
C <sub>dc Tj = 30 °C</sub>	0.900	0.900
P <sub>dc Tj = 25°C</sub>	5.89 kW	5.39 kW
EER Tj = 25°C	4.89	7.78
C <sub>dc Tj = 25 °C</sub>	0.900	0.900
P <sub>dc Tj = 20°C</sub>	2.81 kW	2.48 kW
EER Tj = 20°C	5.80	6.89
C <sub>dc Tj = 20 °C</sub>	0.900	0.900
P <sub>off</sub>	14 W	14 W
PTO	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1754 kWh	1128 kWh

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	177 %	133 %
Prated	15.21 kW	13.02 kW
SCOP	4.50	3.41
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.45 kW	11.52 kW
COP Tj = -7°C	2.72	1.99
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.20 kW	7.18 kW
COP Tj = +2°C	4.30	3.34
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.70 kW	4.56 kW
COP Tj = +7°C	6.20	4.61
Cdh Tj = +7 °C	0.900	0.900

This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.78 kW	3.32 kW
COP Tj = 12°C	8.51	6.07
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	13.45 kW	11.52 kW
COP Tj = Tbiv	2.72	1.99
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.52 kW	10.33 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48	1.80
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.68 kW	2.67 kW
Annual energy consumption Qhe	6979 kWh	7890 kWh

## Model: Platinum BC Mural Hybrid 12EM iR32

Configure model	
Model name	Platinum BC Mural Hybrid 12EM iR32
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

General Data	
Power supply	1x230V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	12.10 kW	12.00 kW
El input	2.44 kW	3.87 kW
COP	4.95	3.10

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

### Cooling



This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	10.55 kW	10.77 kW
Cooling capacity	4.19	2.92
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<b>EN 14825</b>		

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	10.55 kW	10.77 kW
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C <sub>dc Tj = 35 °C</sub>	0.900	0.900
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EER Tj = 30°C	3.58	5.39
C <sub>dc Tj = 30 °C</sub>	0.900	0.900
P <sub>dc Tj = 25°C</sub>	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
C <sub>dc Tj = 25 °C</sub>	0.900	0.900
P <sub>dc Tj = 20°C</sub>	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
C <sub>dc Tj = 20 °C</sub>	0.900	0.900
P <sub>off</sub>	14 W	14 W
PTO	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1548 kWh	971 kWh

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	178 %	135 %
Prated	12.00 kW	11.58 kW
SCOP	4.52	3.46
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.61 kW	10.25 kW
COP Tj = -7°C	2.88	2.01
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	6.48 kW	6.52 kW
COP Tj = +2°C	4.30	3.44
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.44 kW	4.36 kW
COP Tj = +7°C	6.00	4.59
Cdh Tj = +7 °C	0.900	0.900

This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.74 kW	3.30 kW
COP Tj = 12°C	8.47	6.05
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	10.61 kW	10.25 kW
COP Tj = Tbiv	2.88	2.01
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.75 kW	9.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.77	1.79
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.26 kW	2.50 kW
Annual energy consumption Qhe	5482 kWh	6919 kWh

# Model: Platinum BC Mural Hybrid 16EM iR32

<b>Configure model</b>	
Model name	Platinum BC Mural Hybrid 16EM iR32
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

<b>General Data</b>	
Power supply	1x230V 50Hz

## Heating

<b>EN 14511-2</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Heat output	16.00 kW	16.00 kW
El input	3.56 kW	5.52 kW
COP	4.50	2.90

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

## Cooling

This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	12.36 kW	11.63 kW
Cooling capacity	5.44	3.22
EER	2.27	3.61

<b>EN 14825</b>		

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	12.36 kW	11.63 kW
SEER	4.23	6.19
P <sub>dc Tj = 35°C</sub>	12.36 kW	11.63 kW
EER Tj = 35°C	2.27	3.61
C <sub>dc Tj = 35 °C</sub>	0.900	0.900
P <sub>dc Tj = 30°C</sub>	9.40 kW	8.67 kW
EER Tj = 30°C	3.41	5.22
C <sub>dc Tj = 30 °C</sub>	0.900	0.900
P <sub>dc Tj = 25°C</sub>	5.89 kW	5.39 kW
EER Tj = 25°C	4.89	7.78
C <sub>dc Tj = 25 °C</sub>	0.900	0.900
P <sub>dc Tj = 20°C</sub>	2.81 kW	2.48 kW
EER Tj = 20°C	5.80	6.89
C <sub>dc Tj = 20 °C</sub>	0.900	0.900
P <sub>off</sub>	14 W	14 W
PTO	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1754 kWh	1128 kWh

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	177 %	133 %
Prated	15.21 kW	13.02 kW
SCOP	4.50	3.41
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.45 kW	11.52 kW
COP Tj = -7°C	2.72	1.99
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.20 kW	7.18 kW
COP Tj = +2°C	4.30	3.34
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.70 kW	4.56 kW
COP Tj = +7°C	6.20	4.61
Cdh Tj = +7 °C	0.900	0.900



This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.78 kW	3.32 kW
COP Tj = 12°C	8.51	6.07
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	13.45 kW	11.52 kW
COP Tj = Tbiv	2.72	1.99
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.52 kW	10.33 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48	1.80
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.68 kW	2.67 kW
Annual energy consumption Qhe	6979 kWh	7890 kWh

## Model: Platinum BC Integra 12ET iR32

<b>Configure model</b>	
Model name	Platinum BC Integra 12ET iR32
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

<b>General Data</b>	
Power supply	3x400V 50Hz

### Heating

<b>EN 14511-2</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Heat output	12.10 kW	12.00 kW
El input	2.44 kW	3.87 kW
COP	4.95	3.10

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

### Cooling

This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	10.55 kW	10.77 kW
Cooling capacity	4.19	2.92
EER	2.52	3.69

**EN 14825**

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	10.55 kW	10.77 kW
SEER	4.09	6.66
P <sub>dc Tj = 35°C</sub>	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
C <sub>dc Tj = 35 °C</sub>	0.900	0.900
P <sub>dc Tj = 30°C</sub>	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
C <sub>dc Tj = 30 °C</sub>	0.900	0.900
P <sub>dc Tj = 25°C</sub>	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
C <sub>dc Tj = 25 °C</sub>	0.900	0.900
P <sub>dc Tj = 20°C</sub>	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
C <sub>dc Tj = 20 °C</sub>	0.900	0.900
P <sub>off</sub>	20 W	20 W
PTO	10 W	10 W
PSB	20 W	20 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1548 kWh	971 kWh

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	178 %	135 %
Prated	12.00 kW	11.58 kW
SCOP	4.52	3.46
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.61 kW	10.25 kW
COP Tj = -7°C	2.88	2.01
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	6.48 kW	6.52 kW
COP Tj = +2°C	4.30	3.44
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.44 kW	4.36 kW
COP Tj = +7°C	6.00	4.59
Cdh Tj = +7 °C	0.900	0.900

This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.74 kW	3.30 kW
COP Tj = 12°C	8.47	6.05
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	10.61 kW	10.25 kW
COP Tj = Tbiv	2.88	2.01
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.75 kW	9.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.77	1.79
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	20 W	20 W
PTO	30 W	30 W
PSB	20 W	20 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.26 kW	2.50 kW
Annual energy consumption Qhe	5482 kWh	6919 kWh

## Domestic Hot Water (DHW)

### Average Climate

This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	108 %
COP	2.60
Heating up time	0:57 h:min
Standby power input	35.1 W
Reference hot water temperature	53.7 °C
Mixed water at 40°C	248 l

## Model: Platinum BC Integra 16ET iR32

<b>Configure model</b>	
Model name	Platinum BC Integra 16ET iR32
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

<b>General Data</b>	
Power supply	3x400V 50Hz

### Heating

<b>EN 14511-2</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Heat output	16.00 kW	16.00 kW
El input	3.56 kW	5.52 kW
COP	4.50	2.90

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

### Cooling



This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	12.36 kW	11.63 kW
Cooling capacity	5.44	3.22
EER	2.27	3.61

<b>EN 14825</b>		

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
Pdesignc	12.36 kW	11.63 kW
SEER	4.23	6.19
Pdc Tj = 35°C	12.36 kW	11.63 kW
EER Tj = 35°C	2.27	3.61
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	9.40 kW	8.67 kW
EER Tj = 30°C	3.41	5.22
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	5.89 kW	5.39 kW
EER Tj = 25°C	4.89	7.78
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	2.81 kW	2.48 kW
EER Tj = 20°C	5.80	6.89
Cdc Tj = 20 °C	0.900	0.900
Poff	20 W	20 W
PTO	10 W	10 W
PSB	20 W	20 W
PCK	0 W	0 W
Annual energy consumption Qce	1754 kWh	1128 kWh

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	177 %	133 %
Prated	15.21 kW	13.02 kW
SCOP	4.50	3.41
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.45 kW	11.52 kW
COP Tj = -7°C	2.72	1.99
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.20 kW	7.18 kW
COP Tj = +2°C	4.30	3.34
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.70 kW	4.56 kW
COP Tj = +7°C	6.20	4.61
Cdh Tj = +7 °C	0.900	0.900

This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.78 kW	3.32 kW
COP Tj = 12°C	8.51	6.07
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	13.45 kW	11.52 kW
COP Tj = Tbiv	2.72	1.99
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.52 kW	10.33 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48	1.80
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	20 W	20 W
PTO	30 W	30 W
PSB	20 W	20 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.68 kW	2.67 kW
Annual energy consumption Qhe	6979 kWh	7890 kWh

## Domestic Hot Water (DHW)

### Average Climate

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	108 %
COP	2.60
Heating up time	0:57 h:min
Standby power input	35.1 W
Reference hot water temperature	53.7 °C
Mixed water at 40°C	248 l

## Model: Platinum BC Mural 12ET iR32

<b>Configure model</b>	
Model name	Platinum BC Mural 12ET iR32
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

<b>General Data</b>	
Power supply	3x400V 50Hz

### Heating

<b>EN 14511-2</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Heat output	12.10 kW	12.00 kW
El input	2.44 kW	3.87 kW
COP	4.95	3.10

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

### Cooling

This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	10.55 kW	10.77 kW
Cooling capacity	4.19	2.92
EER	2.52	3.69

<b>EN 14825</b>		

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	10.55 kW	10.77 kW
SEER	4.09	6.66
P <sub>dc Tj = 35°C</sub>	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
C <sub>dc Tj = 35 °C</sub>	0.900	0.900
P <sub>dc Tj = 30°C</sub>	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
C <sub>dc Tj = 30 °C</sub>	0.900	0.900
P <sub>dc Tj = 25°C</sub>	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
C <sub>dc Tj = 25 °C</sub>	0.900	0.900
P <sub>dc Tj = 20°C</sub>	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
C <sub>dc Tj = 20 °C</sub>	0.900	0.900
P <sub>off</sub>	20 W	20 W
PTO	10 W	10 W
PSB	20 W	20 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1548 kWh	971 kWh

## Average Climate



<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	178 %	135 %
Prated	12.00 kW	11.58 kW
SCOP	4.52	3.46
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.61 kW	10.25 kW
COP Tj = -7°C	2.88	2.01
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	6.48 kW	6.52 kW
COP Tj = +2°C	4.30	3.44
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.44 kW	4.36 kW
COP Tj = +7°C	6.00	4.59
Cdh Tj = +7 °C	0.900	0.900

This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.74 kW	3.30 kW
COP Tj = 12°C	8.47	6.05
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	10.61 kW	10.25 kW
COP Tj = Tbiv	2.88	2.01
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.75 kW	9.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.77	1.79
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	20 W	20 W
PTO	30 W	30 W
PSB	20 W	20 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.26 kW	2.50 kW
Annual energy consumption Qhe	5482 kWh	6919 kWh

## Model: Platinum BC Mural 16ET iR32

<b>Configure model</b>	
Model name	Platinum BC Mural 16ET iR32
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

<b>General Data</b>	
Power supply	3x400V 50Hz

### Heating

<b>EN 14511-2</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Heat output	16.00 kW	16.00 kW
El input	3.56 kW	5.52 kW
COP	4.50	2.90

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

### Cooling

This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	12.36 kW	11.63 kW
Cooling capacity	5.44	3.22
EER	2.27	3.61

<b>EN 14825</b>		

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	12.36 kW	11.63 kW
SEER	4.23	6.19
P <sub>dc Tj = 35°C</sub>	12.36 kW	11.63 kW
EER Tj = 35°C	2.27	3.61
C <sub>dc Tj = 35 °C</sub>	0.900	0.900
P <sub>dc Tj = 30°C</sub>	9.40 kW	8.67 kW
EER Tj = 30°C	3.41	5.22
C <sub>dc Tj = 30 °C</sub>	0.900	0.900
P <sub>dc Tj = 25°C</sub>	5.89 kW	5.39 kW
EER Tj = 25°C	4.89	7.78
C <sub>dc Tj = 25 °C</sub>	0.900	0.900
P <sub>dc Tj = 20°C</sub>	2.81 kW	2.48 kW
EER Tj = 20°C	5.80	6.89
C <sub>dc Tj = 20 °C</sub>	0.900	0.900
P <sub>off</sub>	20 W	20 W
PTO	10 W	10 W
PSB	20 W	20 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1754 kWh	1128 kWh

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	177 %	133 %
Prated	15.21 kW	13.02 kW
SCOP	4.50	3.41
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.45 kW	11.52 kW
COP Tj = -7°C	2.72	1.99
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.20 kW	7.18 kW
COP Tj = +2°C	4.30	3.34
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.70 kW	4.56 kW
COP Tj = +7°C	6.20	4.61
Cdh Tj = +7 °C	0.900	0.900

This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.78 kW	3.32 kW
COP Tj = 12°C	8.51	6.07
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	13.45 kW	11.52 kW
COP Tj = Tbiv	2.72	1.99
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.52 kW	10.33 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48	1.80
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	20 W	20 W
PTO	30 W	30 W
PSB	20 W	20 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.68 kW	2.67 kW
Annual energy consumption Qhe	6979 kWh	7890 kWh

# Model: Platinum BC Mural Hybrid 12ET iR32

<b>Configure model</b>	
Model name	Platinum BC Mural Hybrid 12ET iR32
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

<b>General Data</b>	
Power supply	3x400V 50Hz

## Heating

<b>EN 14511-2</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Heat output	12.10 kW	12.00 kW
El input	2.44 kW	3.87 kW
COP	4.95	3.10

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

## Cooling



This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	10.55 kW	10.77 kW
Cooling capacity	4.19	2.92
EER	2.52	3.69

**EN 14825**

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	10.55 kW	10.77 kW
SEER	4.09	6.66
P <sub>dc Tj = 35°C</sub>	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
C <sub>dc Tj = 35 °C</sub>	0.900	0.900
P <sub>dc Tj = 30°C</sub>	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
C <sub>dc Tj = 30 °C</sub>	0.900	0.900
P <sub>dc Tj = 25°C</sub>	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
C <sub>dc Tj = 25 °C</sub>	0.900	0.900
P <sub>dc Tj = 20°C</sub>	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
C <sub>dc Tj = 20 °C</sub>	0.900	0.900
P <sub>off</sub>	20 W	20 W
PTO	10 W	10 W
PSB	20 W	20 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1548 kWh	971 kWh

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	178 %	135 %
Prated	12.00 kW	11.58 kW
SCOP	4.52	3.46
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.61 kW	10.25 kW
COP Tj = -7°C	2.88	2.01
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	6.48 kW	6.52 kW
COP Tj = +2°C	4.30	3.44
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.44 kW	4.36 kW
COP Tj = +7°C	6.00	4.59
Cdh Tj = +7 °C	0.900	0.900

This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.74 kW	3.30 kW
COP Tj = 12°C	8.47	6.05
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	10.61 kW	10.25 kW
COP Tj = Tbiv	2.88	2.01
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.75 kW	9.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.77	1.79
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	20 W	20 W
PTO	30 W	30 W
PSB	20 W	20 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.26 kW	2.50 kW
Annual energy consumption Qhe	5482 kWh	6919 kWh

## Model: Platinum BC Mural Hybrid 16ET iR32

Configure model	
Model name	Platinum BC Mural Hybrid 16ET iR32
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

General Data	
Power supply	3x400V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	16.00 kW
El input	3.56 kW	5.52 kW
COP	4.50	2.90

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

### Cooling

This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 14511-2</b>		
	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
El input	12.36 kW	11.63 kW
Cooling capacity	5.44	3.22
EER	2.27	3.61

<b>EN 14825</b>		

This information was generated by the HP KEYMARK database on 11 Nov 2022

	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	12.36 kW	11.63 kW
SEER	4.23	6.19
P <sub>dc Tj = 35°C</sub>	12.36 kW	11.63 kW
EER Tj = 35°C	2.27	3.61
C <sub>dc Tj = 35 °C</sub>	0.900	0.900
P <sub>dc Tj = 30°C</sub>	9.40 kW	8.67 kW
EER Tj = 30°C	3.41	5.22
C <sub>dc Tj = 30 °C</sub>	0.900	0.900
P <sub>dc Tj = 25°C</sub>	5.89 kW	5.39 kW
EER Tj = 25°C	4.89	7.78
C <sub>dc Tj = 25 °C</sub>	0.900	0.900
P <sub>dc Tj = 20°C</sub>	2.81 kW	2.48 kW
EER Tj = 20°C	5.80	6.89
C <sub>dc Tj = 20 °C</sub>	0.900	0.900
P <sub>off</sub>	20 W	20 W
PTO	10 W	10 W
PSB	20 W	20 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1754 kWh	1128 kWh

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	177 %	133 %
Prated	15.21 kW	13.02 kW
SCOP	4.50	3.41
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.45 kW	11.52 kW
COP Tj = -7°C	2.72	1.99
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.20 kW	7.18 kW
COP Tj = +2°C	4.30	3.34
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.70 kW	4.56 kW
COP Tj = +7°C	6.20	4.61
Cdh Tj = +7 °C	0.900	0.900



This information was generated by the HP KEYMARK database on 11 Nov 2022

Pdh Tj = 12°C	3.78 kW	3.32 kW
COP Tj = 12°C	8.51	6.07
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	13.45 kW	11.52 kW
COP Tj = Tbiv	2.72	1.99
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.52 kW	10.33 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48	1.80
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	20 W	20 W
PTO	30 W	30 W
PSB	20 W	20 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.68 kW	2.67 kW
Annual energy consumption Qhe	6979 kWh	7890 kWh