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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 Ho	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	
СОР	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





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

#### EN 14825





	+7°C/+12°C	+18°C/+23°C
Pdesignc	10.55 kW	10.77 kW
SEER	4.09	6.66
Pdc Tj = 35°C	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
Cdc Tj = 20 °C	0.900	0.900
Poff	14 W	14 W
РТО	10 W	10 W
PSB	14 W	14 W
PCK	o w	0 W
Annual energy consumption Qce	1548 kWh	971 kWh



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

EN 14825			
	Low temperature	Medium temperature	
$\eta_{s}$	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	

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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
РТО	24 W	24 W
PSB	14 W	14 W
PCK	o w	o 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)



EN 16147		
Declared load profile	L	
Efficiency ηDHW	108 %	
СОР	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	



## 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
СОР	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





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

#### EN 14825





	+7°C/+12°C	+18°C/+23°C
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	14 W	14 W
РТО	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Qce	1754 kWh	1128 kWh



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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

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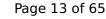




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Pdh Tj = 12°C	3.78 kW	3.32 kW
COP Tj = 12°C	8.51	6.07
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	13.45 kW	11.52 kW
COP Tj = Tbiv	2.72	1.99
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.52 kW	10.33 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < 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
РТО	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
Annual energy consumption Qhe	6979 kWh	7890 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	108 %
СОР	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



### **Model: Platinum BC Mural 12EM iR32**

Configure model		
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	

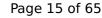
General Data		
Power supply	1x230V 50Hz	

### Heating

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

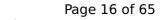
## Cooling





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

#### EN 14825





	+7°C/+12°C	+18°C/+23°C
Pdesignc	10.55 kW	10.77 kW
SEER	4.09	6.66
Pdc Tj = 35°C	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
Cdc Tj = 20 °C	0.900	0.900
Poff	14 W	14 W
РТО	10 W	10 W
PSB	14 W	14 W
РСК	o w	o w
Annual energy consumption Qce	1548 kWh	971 kWh



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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 = $+7^{\circ}$ C	4.44 kW	4.36 kW
$COP Tj = +7^{\circ}C$	6.00	4.59
Cdh Tj = +7 °C	0.900	0.900

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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
РТО	24 W	24 W
PSB	14 W	14 W
PCK	o w	o 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**

Configure model		
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	

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
СОР	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

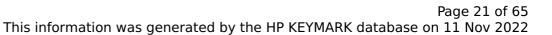
## Cooling





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

#### EN 14825





	+7°C/+12°C	+18°C/+23°C
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	14 W	14 W
РТО	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Qce	1754 kWh	1128 kWh



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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

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This information was general		
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
РТО	24 W	24 W
PSB	14 W	14 W
PCK	o w	o 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	
СОР	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	

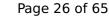
## Cooling





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

#### EN 14825





	+7°C/+12°C	+18°C/+23°C
Pdesignc	10.55 kW	10.77 kW
SEER	4.09	6.66
Pdc Tj = 35°C	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
Cdc Tj = 20 °C	0.900	0.900
Poff	14 W	14 W
РТО	10 W	10 W
PSB	14 W	14 W
PCK	o w	o w
Annual energy consumption Qce	1548 kWh	971 kWh



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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

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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
РТО	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

Configure model	
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

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
СОР	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





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

#### EN 14825



	+7°C/+12°C	+18°C/+23°C
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	14 W	14 W
РТО	10 W	10 W
PSB	14 W	14 W
PCK	0 W	o w
Annual energy consumption Qce	1754 kWh	1128 kWh



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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

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#### 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

Configure model		
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	

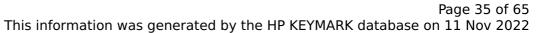
General Data		
Power supply	3x400V 50Hz	

### Heating

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





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

#### EN 14825

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	+7°C/+12°C	+18°C/+23°C
Pdesignc	10.55 kW	10.77 kW
SEER	4.09	6.66
Pdc Tj = 35°C	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
Cdc Tj = 20 °C	0.900	0.900
Poff	20 W	20 W
РТО	10 W	10 W
PSB	20 W	20 W
PCK	0 W	o w
Annual energy consumption Qce	1548 kWh	971 kWh



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

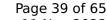
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	178 %	135 %
Prated	12.00 kW	11.58 kW
SCOP	4.52	3.46
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.61 kW	10.25 kW
COP Tj = -7°C	2.88	2.01
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	6.48 kW	6.52 kW
COP Tj = +2°C	4.30	3.44
Cdh Tj = +2 °C	0.900	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





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
РТО	30 W	30 W
PSB	20 W	20 W
PCK	o 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)





EN 16147	
Declared load profile	L
Efficiency ηDHW	108 %
СОР	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



# Model: Platinum BC Integra 16ET iR32

Configure model		
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		

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
СОР	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

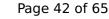
# Cooling





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

#### EN 14825



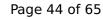


	+7°C/+12°C	+18°C/+23°C
Pdesignc	12.36 kW	11.63 kW
SEER	4.23	6.19
Pdc Tj = 35°C	12.36 kW	11.63 kW
EER Tj = 35°C	2.27	3.61
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	9.40 kW	8.67 kW
EER Tj = 30°C	3.41	5.22
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	5.89 kW	5.39 kW
EER Tj = 25°C	4.89	7.78
Cdc Tj = 25 °C	0.900	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
РТО	10 W	10 W
PSB	20 W	20 W
PCK	o w	o w
Annual energy consumption Qce	1754 kWh	1128 kWh



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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





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
РТО	30 W	30 W
PSB	20 W	20 W
PCK	o w	o 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)





EN 16147	
Declared load profile	L
Efficiency ηDHW	108 %
СОР	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



# **Model: Platinum BC Mural 12ET iR32**

Configure model		
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	

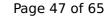
General Data		
Power supply 3x400V 50Hz		

## Heating

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





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

#### EN 14825





Tillo Illio Illiano Il Wao gener	+7°C/+12°C	+18°C/+23°C
Pdesignc	10.55 kW	10.77 kW
SEER	4.09	6.66
Pdc Tj = 35°C	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
Cdc Tj = 20 °C	0.900	0.900
Poff	20 W	20 W
РТО	10 W	10 W
PSB	20 W	20 W
PCK	o w	o w
Annual energy consumption Qce	1548 kWh	971 kWh



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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 = $+7^{\circ}$ C	4.44 kW	4.36 kW
$COP Tj = +7^{\circ}C$	6.00	4.59
Cdh Tj = +7 °C	0.900	0.900



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
РТО	30 W	30 W
PSB	20 W	20 W
PCK	o 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**

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

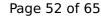
General Data		
Power supply	3x400V 50Hz	

## Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	16.00 kW
El input	3.56 kW	5.52 kW
СОР	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

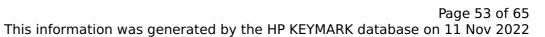
# Cooling





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

#### EN 14825





	+7°C/+12°C	+18°C/+23°C
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
РТО	10 W	10 W
PSB	20 W	20 W
PCK	o w	o w
Annual energy consumption Qce	1754 kWh	1128 kWh



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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



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
РТО	30 W	30 W
PSB	20 W	20 W
PCK	o 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

Configure model		
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	

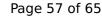
General Data		
Power supply	3x400V 50Hz	

## Heating

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

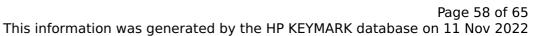
# Cooling





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

#### EN 14825





	+7°C/+12°C	+18°C/+23°C
Pdesignc	10.55 kW	10.77 kW
SEER	4.09	6.66
Pdc Tj = 35°C	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
Cdc Tj = 20 °C	0.900	0.900
Poff	20 W	20 W
РТО	10 W	10 W
PSB	20 W	20 W
PCK	0 W	0 W
Annual energy consumption Qce	1548 kWh	971 kWh



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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 = $+7^{\circ}$ C	4.44 kW	4.36 kW
$COP Tj = +7^{\circ}C$	6.00	4.59
Cdh Tj = +7 °C	0.900	0.900



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

3.74 kW	3.30 kW
8.47	6.05
0.900	0.900
10.61 kW	10.25 kW
2.88	2.01
10.75 kW	9.10 kW
2.77	1.79
0.900	0.900
65 °C	65 °C
20 W	20 W
30 W	30 W
20 W	20 W
0 W	0 W
Electricity	Electricity
1.26 kW	2.50 kW
5482 kWh	6919 kWh
	8.47  0.900  10.61 kW  2.88  10.75 kW  2.77  0.900  65 °C  20 W  30 W  20 W  0 W  Electricity  1.26 kW

# 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	

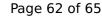
General Data		
Power supply	Power supply 3x400V 50Hz	

## Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	16.00 kW	16.00 kW	
El input	3.56 kW	5.52 kW	
СОР	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

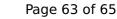
# Cooling





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

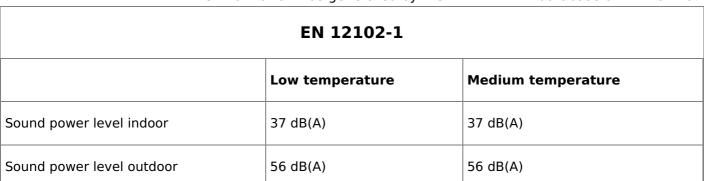
#### EN 14825





	+7°C/+12°C	+18°C/+23°C
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
РТО	10 W	10 W
PSB	20 W	20 W
PCK	o w	0 W
Annual energy consumption Qce	1754 kWh	1128 kWh





**CEN** heat pump

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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
$COPTj = +7^{\circ}C$	6.20	4.61
Cdh Tj = +7 °C	0.900	0.900



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
РТО	30 W	30 W
PSB	20 W	20 W
PCK	o 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