

## CRS 22KW ELECTRIC BOILER DATA SHEET



The CRS 22kW Electric Boiler is the smallest boiler available for hire in the Carrier Rental Systems' Boiler Hire Range. Extremely compact in size, the CRS 22kW Boiler delivers amazing reliability.

Weight and dimensions Weight kg 50 Length mm 6000 Width mm 5500 Height mm 1100 Key functional data Water circuits N/A Boiler type Electric Flue N/A - Indoor Use Fuel connection I" Camlock (Male & Female) HHW water connections I" Camlock (Male & Female) Boiler water volume Ltrs 13 Performance data Heating nominal capacity kW 22 Fuel consumption L/h N/A Maximum working pressure 3 Bar Maximum process flow L/min 35 Minimum process flow L/min 10 Maximum working pressure burner 3 Bar Design flow 85°C DT L/min 16 Process temperature range 415 / 3 / 50 N + E Recommended breaker A 40 (D Rated) Recommended generator Electrical connection 32A 5Pin CForme Socket			
Weight         kg         50           Length         mm         600           Width         mm         550           Height         mm         1100           Key functional data         Water circuits         N/A           Boiler type         Electric           Filue         N/A - Indoor Use           Fuel connection         N/A - Indoor Use           Fuel connection         1" Camlock (Male & Female)           HHW water connections         1" Camlock (Male & Female)           Boiler water volume         Ltrs         13           Performance data         Heating nominal capacity         kW         22           Fuel consumption         L/h         N/A           Maximum working pressure         3 Bar           Maximum working pressure burner         3 Bar           Design flow 85°C DT         L/min         16           Process temperature range         L/min         16           Process temperature range         415 / 3 / 50 N + E           Recommended breaker         A         40 (D Rated)	TECHNICAL INFORMATION		
Length         mm         600           Width         mm         550           Height         mm         1100           Key functional data         Water circuits         N/A           Boiler type         Electric           Flue         N/A - Indoor Use                Fuel connection             1" Camlock (Male & Female)                HHW water connections             1" Camlock (Male & Female)                HHW water connections             1" Camlock (Male & Female)                Boiler water volume             Ltrs             13                Performance data                Heating nominal capacity             kW             22                Fuel consumption              L/h             N/A                Maximum working pressure             3 Bar                Maximum process flow             L/min             3 Bar                Design flow 85°C DT             L/min             16                Process temperature range             + 85°c to + 10°c          Electric connections                     Power supply </th <th>Weight and dimensions</th> <th></th> <th></th>	Weight and dimensions		
Width mm 550 Height mm 1100  Key functional data  Water circuits N/A Boiler type Electric Flue N/A - Indoor Use Fuel connection N/A Heating water connections 1" Camlock (Male & Female) Boiler water volume Ltrs 13  Performance data Heating nominal capacity kW 22 Fuel consumption L/h N/A Maximum working pressure 3 Bar Maximum process flow L/min 35 Minimum process flow L/min 10 Maximum working pressure Jesing flow 85°C DT L/min 16 Process temperature range Lymin 16 Process temperature range A15 / 3 / 50 N + E Recommended breaker A 40 (D Rated) Recommended power full load A 31	Weight	kg	50
Height mm 1100  Key functional data  Water circuits	Length	mm	600
Key functional data         Water circuits       N/A         Boiler type       Electric         Flue       N/A - Indoor Use         Fuel connection       N/A         Heating water connections       1" Camlock (Male & Female)         HHW water connections       1" Camlock (Male & Female)         Boiler water volume       Ltrs       13         Performance data       Value       22         Heating nominal capacity       kW       22         Fuel consumption       L/h       N/A         Maximum working pressure       3 Bar         Maximum process flow       L/min       10         Maximum working pressure burner       3 Bar         Design flow 85°C DT       L/min       16         Process temperature range       + 85°c to + 10°c         Electric connections       A       415 / 3 / 50 N + E         Power supply       A       40 (D Rated)         Recommended breaker       A       40 (D Rated)         Recommended generator       A       40 kVA (Min)         Electrical connection       32A 5Pin CForme Socket         Absorbed power full load       A       31	Width	mm	550
Water circuits  Boiler type  Electric  Flue  N/A - Indoor Use  N/A  Heating water connections  HHW water connections  Boiler water volume  Boiler water volume  Ltrs  13  Performance data  Heating nominal capacity  Fuel consumption  L/h  Maximum working pressure  Maximum process flow  Minimum process flow  L/min  Design flow 85°C DT  Process temperature range  Electric connections  Power supply  Recommended breaker  Recommended generator  Electrical connection  Sylva Electricus  Electrical connection  N/A  1" Camlock (Male & Female)  1" Camlock (Male Sele)  1" Caml	-	mm	1 100
Boiler type  Electric  Flue  N/A - Indoor Use  N/A  Heating water connections  HHW water connections  Boiler water volume  Boiler water volume  Ltrs  13  Performance data  Heating nominal capacity  Fuel consumption  L/h  Maximum working pressure  Maximum process flow  Minimum process flow  L/min  Design flow 85°C DT  Process temperature range  Electric connections  Au 40 (D Rated)  Recommended penerator  Electrical connection  Electrical connection  Electrical connection  SYA - Indoor Use  N/A - Indoor Use  I' Camlock (Male & Female)  I' Camlock (Male Series)  I' Camlock (Male & Female)  I' Camlock (Male & Female)  I' Camlock (Male & Female)  I' Camlock (Male Series)  I' Camlock (Male Series)  I' Camlock (Male Series)  I' Camlock (Male Series)	•		
Flue N/A - Indoor Use Fuel connection N/A Heating water connections 1" Camlock (Male & Female) HHW water connections 1" Camlock (Male & Female) Boiler water volume Ltrs 13  Performance data Heating nominal capacity kW 22 Fuel consumption L/h N/A Maximum working pressure 3 Bar Maximum process flow L/min 35 Minimum process flow L/min 10 Maximum working pressure 3 Bar Design flow 85°C DT L/min 16 Process temperature range + 85°c to + 10°c  Electric connections  Power supply 415 / 3 / 50 N + E Recommended breaker A 40 (D Rated) Recommended generator Electrical connection 32A 5Pin CForme Socket Absorbed power full load A 31	Water circuits		N/A
Fuel connection  Heating water connections  HHW water connections  Boiler water volume  Boiler water volume  Ltrs  13  Performance data  Heating nominal capacity  Fuel consumption  L/h  Maximum working pressure  Maximum process flow  L/min  Maximum working pressure  Design flow 85°C DT  Process temperature range  Electric connections  Power supply  Recommended breaker  Recommended generator  Electrical connection  A  1" Camlock (Male & Female)  1" Camlock (Male State)  13  4	Boiler type		Electric
Heating water connections  HHW water connections  Boiler water volume  Boiler water volume  Ltrs  13  Performance data  Heating nominal capacity  Fuel consumption  Maximum working pressure  Maximum process flow  L/min  Maximum process flow  L/min  10  Maximum working pressure burner  Design flow 85°C DT  L/min  16  Process temperature range  Electric connections  Power supply  Recommended breaker  Recommended generator  Electrical connection  S1 Camlock (Male & Female)  1" Camlock (Male & Female)  13  Performace	Flue		N/A - Indoor Use
HHW water connections	Fuel connection		N/A
Boiler water volume	Heating water connections		1" Camlock (Male & Female)
Performance data           Heating nominal capacity         kW         22           Fuel consumption         L/h         N/A           Maximum working pressure         3 Bar           Maximum process flow         L/min         10           Maximum working pressure burner         3 Bar           Design flow 85°C DT         L/min         16           Process temperature range         + 85°c to + 10°c           Electric connections         2415 / 3 / 50 N + E           Power supply         A         40 (D Rated)           Recommended breaker         A         40 kVA (Min)           Electrical connection         32A 5Pin CForme Socket           Absorbed power full load         A         31	HHW water connections		1" Camlock (Male & Female)
Heating nominal capacity Fuel consumption L/h Maximum working pressure Maximum process flow L/min Maximum process flow L/min Maximum working pressure burner Design flow 85°C DT L/min 16 Process temperature range L/min 16 + 85°c to + 10°c Electric connections Power supply Recommended breaker Recommended generator Electrical connection S2A 5Pin CForme Socket Absorbed power full load  L/min 16 485°c to + 10°c 415 / 3 / 50 N + E 40 (D Rated) 40kVA (Min) 32A 5Pin CForme Socket	Boiler water volume	Ltrs	13
Fuel consumption  L/h  N/A  Maximum working pressure  Maximum process flow  L/min  10  Maximum working pressure burner  Design flow 85°C DT  L/min  16  Process temperature range  Electric connections  Power supply  Recommended breaker  Recommended generator  Electrical connection  Electrical connection  L/min  16  + 85°c to + 10°c  415 / 3 / 50 N + E  A  40 (D Rated)  40kVA (Min)  Electrical connection  32A 5Pin CForme Socket  Absorbed power full load  A  31	Performance data		
Maximum working pressure  Maximum process flow  L/min  Minimum process flow  L/min  10  Maximum working pressure burner  Design flow 85°C DT  L/min  16  Process temperature range  L/min  16  + 85°c to + 10°c  Electric connections  Power supply  A15 / 3 / 50 N + E  Recommended breaker  A 40 (D Rated)  Recommended generator  Electrical connection  32A 5Pin CForme Socket  Absorbed power full load  A 31	Heating nominal capacity	kW	22
Maximum process flow         L/min         35           Minimum process flow         L/min         10           Maximum working pressure burner         3 Bar           Design flow 85°C DT         L/min         16           Process temperature range         + 85°c to + 10°c           Electric connections         Fleetric connections           Power supply         415 / 3 / 50 N + E           Recommended breaker         A         40 (D Rated)           Recommended generator         40kVA (Min)           Electrical connection         32A 5Pin CForme Socket           Absorbed power full load         A         31	Fuel consumption	L/h	N/A
Minimum process flow  Maximum working pressure burner  Design flow 85°C DT  L/min  16  Process temperature range  L/min  16  + 85°c to + 10°c  Electric connections  Power supply  Recommended breaker  Recommended generator  Electrical connection  32A 5Pin CForme Socket  Absorbed power full load  A  31	Maximum working pressure		3 Bar
Maximum working pressure burner  Design flow 85°C DT  L/min  16  + 85°c to + 10°c  Electric connections  Power supply  Recommended breaker  Recommended generator  Electrical connection  3 Bar  16  + 85°c to + 10°c  415 / 3 / 50 N + E  A 40 (D Rated)  40kVA (Min)  Electrical connection  32A 5Pin CForme Socket  Absorbed power full load  A 31	Maximum process flow	L/min	35
Design flow 85°C DT L/min 16 Process temperature range +85°c to +10°c  Electric connections  Power supply 415 / 3 / 50 N + E  Recommended breaker A 40 (D Rated)  Recommended generator 40kVA (Min)  Electrical connection 32A 5Pin CForme Socket  Absorbed power full load A 31	Minimum process flow	L/min	10
Process temperature range + 85°c to + 10°c  Electric connections  Power supply 415 / 3 / 50 N + E  Recommended breaker A 40 (D Rated)  Recommended generator 40kVA (Min)  Electrical connection 32A 5Pin CForme Socket  Absorbed power full load A 31	Maximum working pressure burner		3 Bar
Electric connections  Power supply  Recommended breaker  Recommended generator  Electrical connection  Absorbed power full load  A 31	Design flow 85°C DT	L/min	16
Power supply 415 / 3 / 50 N + E  Recommended breaker A 40 (D Rated)  Recommended generator 40kVA (Min)  Electrical connection 32A 5Pin CForme Socket  Absorbed power full load A 31	Process temperature range		+ 85°c to + 10°c
Recommended breaker A 40 (D Rated) Recommended generator 40kVA (Min) Electrical connection 32A 5Pin CForme Socket Absorbed power full load A 31	Electric connections		
Recommended generator 40kVA (Min) Electrical connection 32A 5Pin CForme Socket Absorbed power full load A 31	Power supply		415 / 3 / 50 N + E
Electrical connection 32A 5Pin CForme Socket Absorbed power full load A 31	Recommended breaker	Α	40 (D Rated)
Absorbed power full load A 31	Recommended generator		40kVA (Min)
	Electrical connection		32A 5Pin CForme Socket
Features	Absorbed power full load	Α	31
	Features		

## **Features**

- · Portable easy maneuverability
- Compact footprint
- Lightweight
- Quick installation
- · High maximum working temperature

## **Verticals**

- · HVAC Contractors & Consultants
- Facilities Management
- Manufacturing & Process
- Food & Drink
- IT / Data Centres
- Healthcare
- Education
- Construction
- · Retail & Commercial
- Events
- TV & Film

Control type

Automatic

