IGUANA CIRCO CORNER

Heating where space is restricted

jaga

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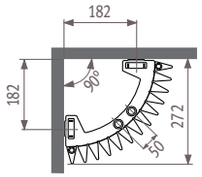
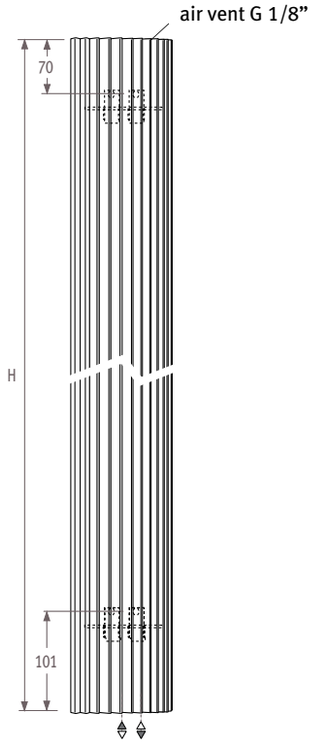
Iguana Circo Corner

Dimensions

Product code: CORW

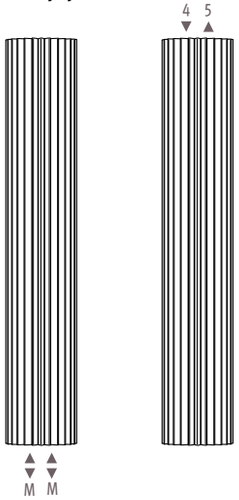




Heights ›	1250	1500	1800	1920	2000	2200	2400

Connections

Two pipe



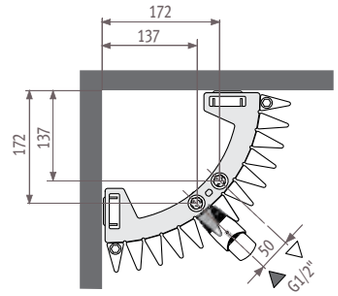
Standard connection
Code MM

Top end connection
Code 45 or 54
(1° number › flow)
When ordering a top end connection, no insert pipe should be ordered. Air vents should be positioned on the central heating pipes.

Order code: Specify code 45 or 54 instead of MM - There is no extra charge.

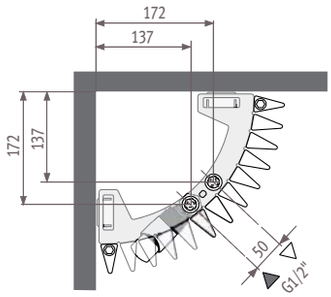
To guarantee the output of the Iguana models and to limit the pressure drop, Jaga recommends the use of tube diameters 16/2, 18/1 or 18/2.

Position of flow and return pipe



With connection sets 31-32-33-34

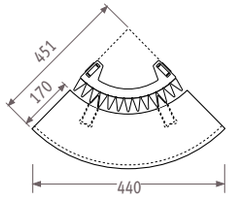
Note: flow and return can be reordered



With connection sets 41-42

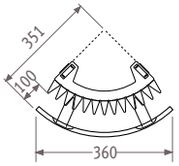
Options

Large shelf - in beech veneer



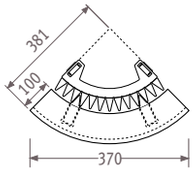
Order code: 9087.040628

Towel rail - chrome-plated aluminium



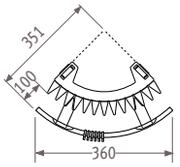
Order code: 9087.043466

Small shelf - in beech veneer



Order code: 9087.041528

Hat rack - chrome-plated aluminium



Order code: 9087.044466

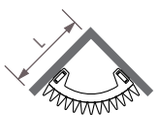
Outputs

Outputs in watts at 75/65/20°C & 55/45/20°C, in accordance with EN442

	code	height	length	colour	connection
ORDER CODE:	CORW	125	027	001	/MM

(Example order code shown is for a 1250mm high radiator, 270mm long

H		L 270
1250	75/65/20	723
	55/45/20	334
1500	75/65/20	834
	55/45/20	384
1800	75/65/20	967
	55/45/20	443
1920	75/65/20	1021
	55/45/20	467
2000	75/65/20	1058
	55/45/20	483
2200	75/65/20	1149
	55/45/20	523
2400	75/65/20	1242
	55/45/20	564



Supplied as Standard

- Colours: 001 Sandblast grey metallic 301 white or 333 traffic white
- Central connection MM underneath
- Wall fixing
- 2 chrome-plated air vents G 1/8”

All dimensions are shown in millimetres

EN 442 EURONORM

Output measured in accordance with EN442, at a water temperature of 75/65°C and a room temperature of 20°C (ΔT=50).

Connection Sets

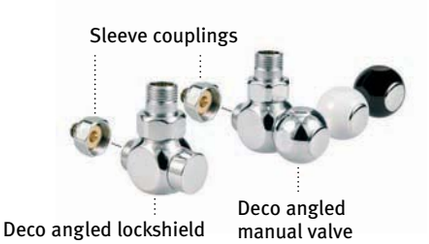
The order code of the connection set will be completed with the sleeve coupling code

Set 31

For connection to the wall

Two pipe

Code	Thermostatic head
CODE.MW2.MW.1...	white
CODE.MW2.MC.1...	chrome
CODE.MW2.MB.1...	black

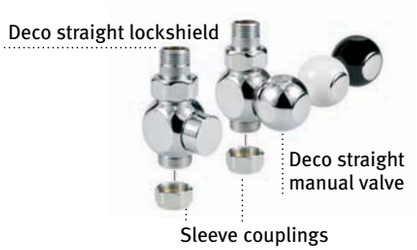


Set 32

For connection to the floor

Two pipe

Code	Thermostatic head
CODE.MF2.MW.1...	white
CODE.MF2.MC.1...	chrome
CODE.MF2.MB.1...	black

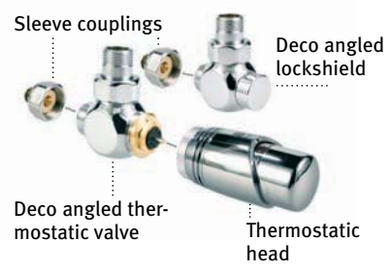


Set 33

For connection to the wall

Two pipe

CODE.JW2.DW.1...	
CODE.JW2.DC.1...	



Set 34

For connection to the floor

Two pipe

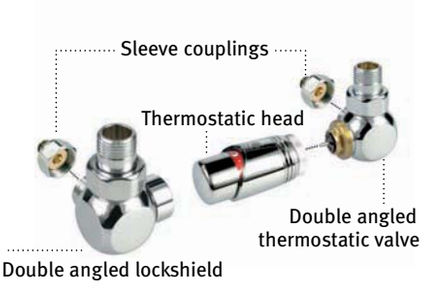
CODE.JF2.DW.1...	
CODE.JF2.DC.1...	

Set 35

For connection to the wall

Two pipe

CODE.JH2.DW.1...	
CODE.JH2.DC.1...	



Thermostatic heads

DW

Chrome/ White

DC

Chrome

Connection Sets

The order code of the connection set will be completed with the sleeve coupling code

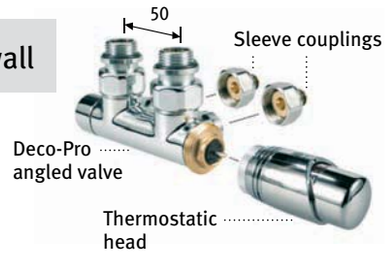
Set 41

For connection to the wall

Two pipe

CODE.PW3.DW.1...

CODE.PW3.DC.1...



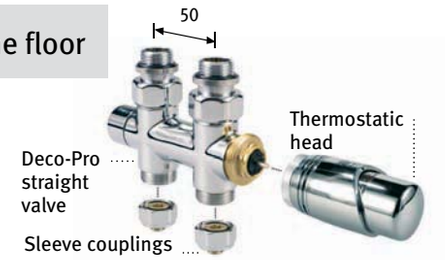
Set 42 | Set 46

For connection to the floor

Two pipe

CODE.PF3.DW.1...

CODE.PF3.DC.1...



Thermostatic heads

DW

Chrome/ White

DC

Chrome

Sleeve Couplings

Included in the price of the connection sets

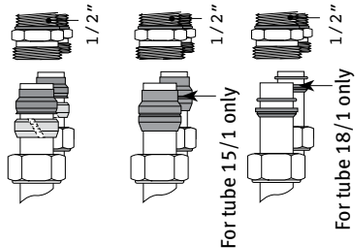
Complete ordering code with sleeve couplings according to the material used and diameter of the tube. *The correct type of sleeve coupling is determined by the ordering code of the connection set*

Example: COLO. PW2.DW. 32. (insert relevant code from above)

For Jaga valve - M24

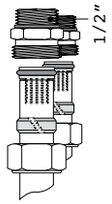
For flexible steel or copper tube

Code	Tube Ø
110	10/1
112	12/1
114	14/1
115	15/1
116	16/1
118	18/1



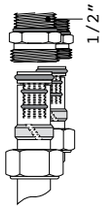
For synthetic tube

Code	Tube Ø
212	12/2
214	14/2
219	16/1.5
216	16/2
217	17/2
218	18/2



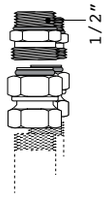
For RPE/ALU tube

Code	Tube Ø
314	14/2
316	16/2
326	16/2.2
318	18/2

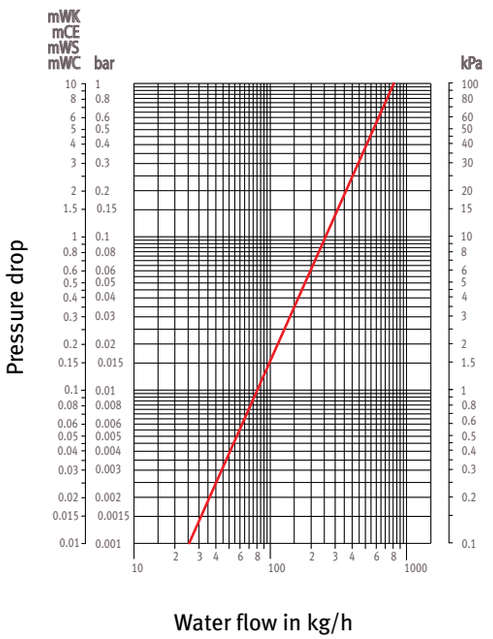


Steel tube for CH

Code	Tube Ø
501	1/2”
503	3/8”



Pressure drop



Water flow in kg/h

Weight & water content

Weight in kg

H	L	270
1250		25.0
1500		29.4
1800		34.6
1920		36.7
2000		38.1
2200		41.6
2400		45.4

Weight content in litres

H	L	270
1250		8.6
1500		10.2
1800		12.0
1920		12.8
2000		13.3
2200		14.6
2400		15.8

Correction factors

Average correction factors according to EN442 - 75/65/20°C

TV	TL	TR_20	25	30	35	40	45	50	55	60	65	70	75	80	85
90	20	0.63	0.69	0.75	0.81	0.87	0.94	1.00	1.07	1.13	1.20	1.27	1.34	1.41	1.48
	24	0.54	0.59	0.65	0.71	0.77	0.83	0.90	0.96	1.03	1.09	1.16	1.23	1.29	1.36
85	20	0.57	0.63	0.69	0.75	0.81	0.87	0.94	1.00	1.07	1.13	1.20	1.27	1.314	
	24	0.48	0.54	0.59	0.65	0.71	0.77	0.83	0.90	0.96	1.03	1.09	1.16	1.23	
80	20	0.51	0.57	0.63	0.69	0.75	0.81	0.87	0.94	1.00	1.07	1.13	1.20		
	24	0.43	0.48	0.54	0.59	0.65	0.71	0.77	0.83	0.90	0.96	1.03	1.09		
75	20	0.46	0.51	0.57	0.63	0.69	0.75	0.81	0.87	0.94	1.00	1.07			
	24	0.37	0.43	0.48	0.54	0.59	0.65	0.71	0.77	0.83	0.90	0.96			
70	20	0.41	0.46	0.51	0.57	0.63	0.69	0.75	0.81	0.87	0.94				
	24	0.32	0.37	0.43	0.48	0.54	0.59	0.65	0.71	0.77	0.83				
65	20	0.35	0.41	0.46	0.51	0.57	0.63	0.69	0.75	0.81					
	24	0.27	0.32	0.37	0.43	0.48	0.54	0.59	0.65	0.71					
60	20	0.30	0.35	0.41	0.46	0.51	0.57	0.63	0.69						
	24	0.23	0.27	0.32	0.37	0.43	0.48	0.54	0.59						
55	20	0.26	0.30	0.35	0.41	0.46	0.51	0.57							
	24	0.18	0.23	0.27	0.32	0.37	0.43	0.48							
50	20	0.21	0.26	0.30	0.35	0.41	0.46								
	24	0.14	0.18	0.23	0.27	0.32	0.37								
45	20	0.16	0.21	0.26	0.30	0.35									
	24	0.13	0.17	0.22	0.26	0.31									
40	20	0.10	0.14	0.18	0.23	0.27									
	24	0.12	0.16	0.21	0.26										
35	20	0.06	0.10	0.14	0.18										
	24	0.08	0.12	0.16											
30	20	0.03	0.06	0.10											
	24	0.05	0.08												

KEY
Tv = flow temperature
Tr = return temperature
Tl = desired air temperature

The indicated outputs with ΔT 50°c and ΔT 30°c are the exact outputs. ΔT 50°c outputs are measured in accordance with EN442 and ΔT 30°c outputs are calculated according to EN442.

An average correction factor is given in this table for outputs at other ΔT and is applicable for all dimensions.

How to choose the right radiator?

Rapid estimation of heat losses

Calculate the volume of the room (L x W x H) and multiply this by the Watts/m³ figure given in the table below. Choose according to the level of insulation and the desired room temperature.

Insulation	20°	24°
excellent	45	55
good	65	75
average	85	95
poor	100	115

Required output in Watts/m³

Example

Use the table to determine the relevant correction factor with a water temperature of 80/60°c with a room temperature of 24°C.

The correction factor = 0.90

Required output 1000 watts : 1000 divided by 0.90 = 1111 watts therefore search in this leaflet's standard output table for a product with an output of at least 1111 watts. Alternatively use the "Radiator Finder" search function on www.jaga.co.uk to identify all Jaga heating products with this required output.

EN EURONORM 442 Output calculated in accordance with EN442, at a water temperature of 75/65°C and a room temperature of 20°C (ΔT=50).

Product description

Iguana Circo - corner

Material
Consists of vertical triangular steel radiation pipes, welded on steel positioning brackets. The radiation pipes are hydraulically connected using steel bends. Suitable for central heating.

Finish
The radiators are sandblasted, degreased, phosphated, electrostatically lacquered with epoxy-polyester powder and finally stove enamelled at 200 °C. This high quality finish offers an optimal scratch resistance and is very easy to maintain.

Thickness of the lacquer: min 80 µ
Pressure test: 9 bar
Working pressure: 6 bar

Colour
The radiator is lacquered in the colour sandblast grey metallic 001 / white (RAL 9010) / white (RAL 9016) / other (see colour chart)

The Iguana Corner consists of triangular vertical radiation pipes welded on steel positioning brackets. The radiation pipes are hydraulically connected using steel bends, placed next to each other in a quarter circle. Suitable for central heating.
Supplied with wall brackets and 2 air vents G 1/8". Central connection, standard for 2 pipe.

Options
All options have the same radius as the radiator. They can also be ordered and fitted afterwards.
- Towel rail and fixings in chrome-plated aluminium.
- Hat rack and fixings in chrome-plated aluminium. Including 5 coat hooks.
- Small shelf in beech veneer with chrome-plated fixings. Shelf width: 100mm.
- Large shelf in beech veneer with chrome-plated fixings. Shelf width: 170mm.
- Deco connection sets and valves 2 pipe.
- Deco Pro connection sets and valves 2 pipe.

How to install
The building services engineer chooses the heating elements considering the following conditions:
- A heat output calculation according to the standard.
- Tables of heat outputs and dimensions for Iguana Corner radiators according to EN 442.
- The radiators will be mounted to the wall with accessory brackets.
- The specially designed thermostatic connection sets / thermostatic Jaga Deco / Jaga-Pro valves / manual Jaga Deco valves can be connected to plastic central heating service pipes / RPE/ALU. tube / copper tube/ steel pipe.
- Jaga thermostatic heads / Jaga Deco thermostatic heads chrome / Jaga Deco thermostatic heads chrome/ white / Jaga Comap thermostatic heads silver / not to be / to be fitted.

Jaga colours

For Iguana Circo - corner

RAL 9010 201 301 White	212 312 Bahama	222 322 Capri
RAL 9001 202 302 Off-white	RAL 6009 213 313 English Green	223 323 Natural
RAL 7035 203 303 Light Grey	214 314 Whisper Rose	224 324 Edelweis
RAL 9005 204 304 Black	RAL 5018 215 315 Turquoise	225 325 Jasmine
205 305 Pergamon	216 316 Bermuda	RAL 3003 226 326 Ruby Red
206 306 Manhattan	RAL 8017 217 317 Chocolate Brown	228 328 Classic White
RAL 5003 208 308 Sapphire Blue	RAL 5015 218 318 Azure	RAL 6000 229 329 Patina Green
RAL 7011 209 309 Dark Grey	RAL 4008 219 319 Violet	230 330 Aloa Blue
RAL 1004 210 310 Golden Yellow	220 320 Aegean	RAL 7016 231 331 Anthracite Grey
RAL 3000 211 311 Flaming Red	221 321 Calypso	232 332 Sunrise
		RAL 9016 233 333 Traffic White

Special Colours

001 Sandblast Grey Metallic

002 Hammerstroke Silver/Black

003 Claret Metallic

005 Smooth Grey Metallic

RAL 9006 006 Aluminium

007 Anthracite Metallic

008 Anthracite Structure

As it's impossible to reproduce colours with 100% accurancy, this colour chart is intended as a guide only.
Colour swatches are available on request.

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Jaga Guarantee Information

1 The guarantee is valid only if the equipment is properly and correctly used, by its first owner and if installed in accordance with the norms and instructions as detailed in the instruction leaflet and current industry standard practices.

2 The guarantee only applies to the equipment and the spare parts supplied by Jaga. Jaga has the choice between repair and replacement of the equipment or the spare parts. If any modifications have been made by Jaga to the standard product design, Jaga reserves the right to replace the guaranteed equipment with equivalent products or spare parts.

3 The period of guarantee is mentioned in this certificate. The guarantee decreases every year on a straight line basis by an equal percentage in order to reach a zero guarantee at the end of the guarantee period (e.g. for a period of 10 years the annual decrease of the guarantees 10% of the invoiced value). Repaired or replaced product is guaranteed through to the end of the original guarantee period.

4 The guarantee is valid only on products displaying the appropriate identification information concerning product type and series. No guarantee is granted on equipment or spare parts lacking this information, on equipment where this information has been removed or altered, or on equipment that has been repaired or modified by persons not authorised by Jaga to carry out this work.

5 The customer is responsible for any damage caused as a result of errors in installation or use of incorrect fittings, or for any damage caused by electrical connections, faulty or damaged electrical installations or appliances, erroneous voltage or hydraulic pressure and all other errors not directly related to the product delivered by Jaga. The guarantee is also revoked when unsuitable parts or components are used. The guarantee for our heat exchangers is not valid if they are regularly drained, or if they are heated by means of industrial water, steam or water saturated by excessive quantities of oxygen. The quality of the system ater has to be in accordance with the VDI 2035-2 directives. The guarantee is also not applicable if the heat exchangers are placed in unsuitable atmospheric surroundings, such as but not exclusively ammonia, caustic substances etc.

6 This guarantee excludes damage due to incorrect handling and/or use of the equipment, or due to formation of lime deposits, incorrect use of the safety valve, or to all equipment that is incorporated into the building in a way that means it cannot be accessed normally.

7 Any work undertaken or product supplied as a result of a guarantee claim that proves not to be valid will be charged for. Product supplied will be invoiced at the customer's standard purchasing terms, and labour will be charged at £50 per hour with a minimum labour charge of £200.

8 The guarantee period starts from the date of the invoice for supply of the products covered by the guarantee. If the invoice is not available, the date of production will be used based on the product ID number/series.

9 Only the courts of judicial district Hasselt (Belgium) are authorised to deal with disputes arising from this guarantee. It will apply Belgian law even when sales involved are subjects of EU member states as well as non-EU member countries.

Casings and components

Valves for Low-H2O heat exhangers

Jaga Heating Products (UK) Ltd | www.jaga.co.uk
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