

ACCOLADE DECO



jaga

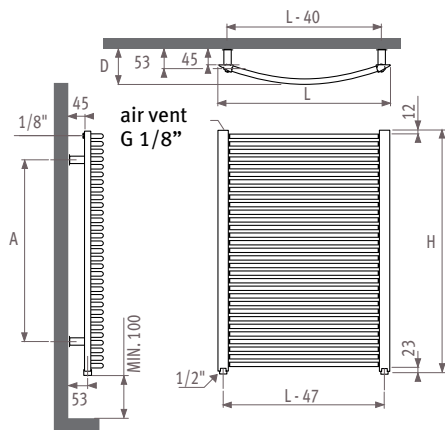
More than a heated towel rail

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Accolade Deco

Dimensions

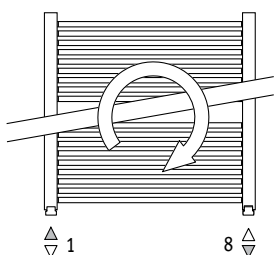
Product code: ACDW



L	500	650	800	950
D	103	106	107	110

H	891	1227	1535	1815	2151
A	670	1010	1315	1370	1370

Connections



Key:
1 = flow
2 = return

Standard connection

Order code: 18
Connection 18 or 81

Top end connection

Order code: 45 or 54

The accolade is symmetrical and can be mounted either way up. Insert pipe to be mounted in the return. Provide an air vent on the central heating tube.

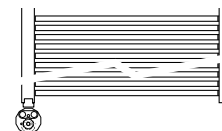
Single point connection

Order codes: 11 or 18

In case of one single connection always use a diffusions tube of minimum length 100mm (ø 8mm up to 10mm) with a reduction washer.

With electric element

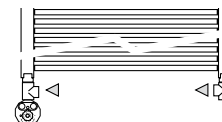
Order code: standard connection 18 with an electric element



Mixed

Order code: 18

Order an electric element and T-pieces. Fit the T-pieces together with the electric element for connection the central heating wet system. Note: Never cut off the return from the radiator.



All dimensions in mm

Outputs

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

code height length colour connection (Example order code shown is for a 890mm high radiator, 500mm long)
ORDER CODE: ACDW. 089 050 333 /18

Height	Length >	500	650	800	950
891	75/65/20	565	715	864	1014
	55/45/20	292	370	448	526
1227	75/65/20	750	964	1178	1392
	55/45/20	386	500	613	727
1535	75/65/20	920	1185	1450	1715
	55/45/20	472	615	758	901
1815	75/65/20	1076	1380	1683	1987
	55/45/20	550	717	883	1050
2151	75/65/20	1267	1607	1947	2287
	55/45/20	645	836	1027	1218

Supplied as Standard

- Colours: 333 Traffic white or 001 Sandblast grey metallic
- Connection 18 underneath
- Wall fixings in the same colour as the radiator
- Chrome-plated air vent 1/8"
- Screws and plugs

Weight & water content

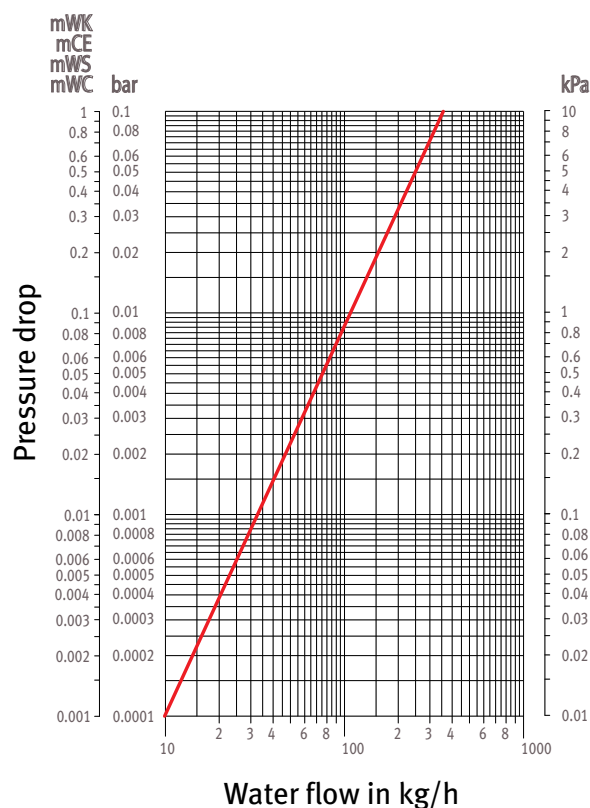
Weight in kg/cm

H	L > 500	650	800	950
891	10.2	13.5	15.9	17.2
1227	14.1	18.0	21.6	23.5
1535	17.8	22.2	26.9	29.3
1815	21.0	26.0	31.7	34.6
2151	25.0	30.6	37.5	41.0

Water content in litres/cm

H	L > 500	650	800	950
891	2.5	3.2	3.8	4.5
1227	3.5	4.4	5.4	6.3
1535	4.5	5.6	6.6	7.8
1815	5.2	6.5	7.8	9.2
2151	6.4	7.9	9.3	10.9

Pressure drop



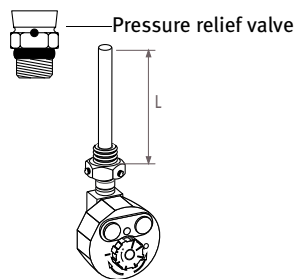
All dimensions are shown in millimetres



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

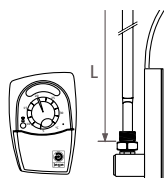
Options

Electro heating



Code	Watts	L
9096.40	450	370
9096.41	600	470
9096.42	900	680
9096.43	1200	890
9096.44	1500	1100

Electro heating element with Infra-red operation



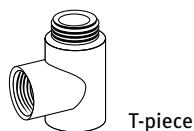
Code	Watts	L
9096.510	600	470
9096.520	900	680

- Finish: white ABS
- Transmission range: H 089>122>153 : 2,5m H 181>215 : 6m
- Receiver has to be placed at the back of the radiator
- Insulation class 1

Connection electric element

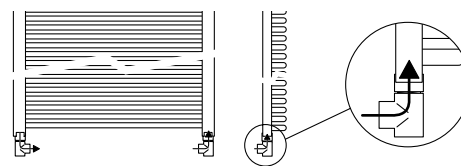
- Fit the electric heating element vertically in the socket 1 or 8. The pressure release valve which is included should be fitted into socket 4 or 5 (3 bar).
- Do not switch the radiator on before filling it completely with water.
- Top up with water after the radiator has fully warmed up and cooled down.

T-piece

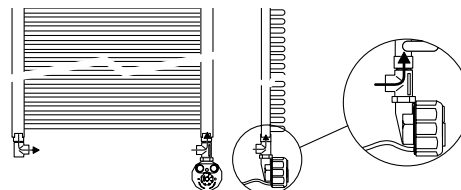


T-piece

Combination possibilities with T-piece



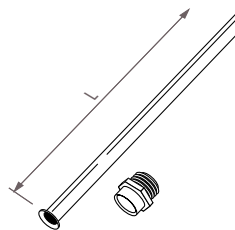
Connection at side or the back with a standard radiator



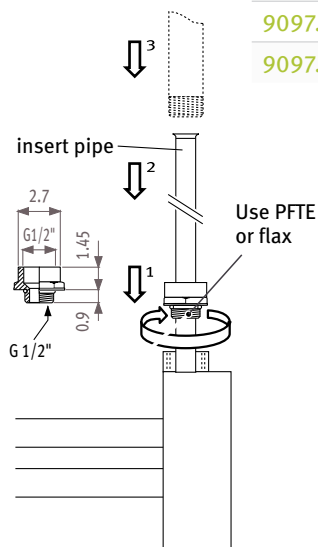
Mixed connection

Code	Colour
TPCE.004.009	Chrome
TPCE.004.XXX	201 to 233 301 to 333
xxx = insert 3 digit colour code	

Insert pipe for top end connection



Code	Radiator height	Pipe length = L
9097.0540	890	840
9097.1100	1220	1100
9097.1280	1530	1280
9097.1660	1810	1660
9097.1960	2150	1960



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

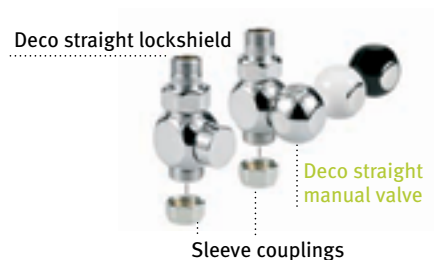


Set 32

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

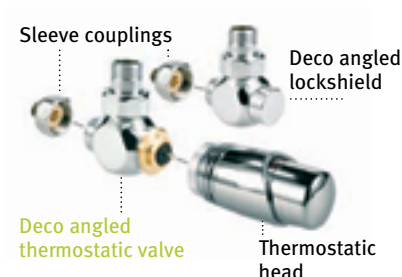


Set 33 | Set 36

For connection to the wall

Two pipe

33 – Standard Kv	36 – Reduced Kv
CODE.JW2.DW.1...	CODE.RW2.DW.1...
CODE.JW2.DC.1...	CODE.RW2.DC.1...

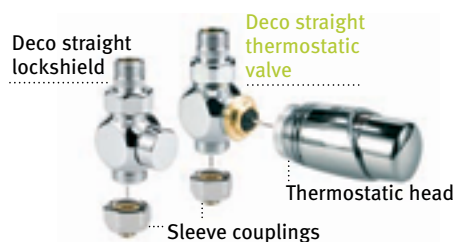


Set 34 | Set 37

For connection to the floor

Two pipe

34 – Standard Kv	37 – Reduced Kv
CODE.JF2.DW.1...	CODE.RF2.DW.1...
CODE.JF2.DC.1...	CODE.RF2.DC.1...

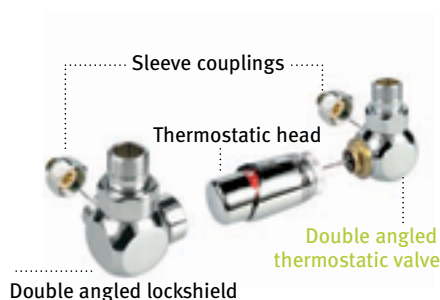


Set 35 | Set 38

For connection to the wall

Two pipe

35 – Standard Kv	38 – Reduced Kv
CODE.JH2.DW.1...	CODE.RH2.DW.1...
CODE.JH2.DC.1...	CODE.RH2.DC.1...



Thermostatic heads

DW



Chrome/ White

DC





Chrome

Set 81

For connection to the wall

Two pipe

Code	Thermostatic head
CODE.OW2.DW.1...	
CODE.OW2.DC.1...	

Sleeve couplings



Deco
Single point valve angled

Thermostatic head

Set 82

For connection to the floor

Two pipe

Code	Thermostatic head
CODE.OF2.DW.1...	
CODE.OF2.DC.1...	

Deco
Single point valve straight

Thermostatic head

Sleeve couplings

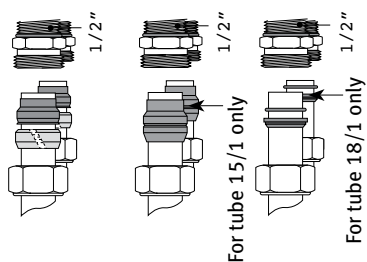
Sleeve Couplings

Included in the price of the connection sets

For Jaga valve - M24

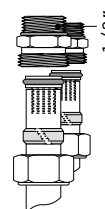
For flexible steel or copper tube

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



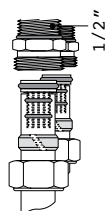
For synthetic tube

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

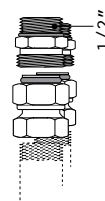


For RPE/ALU tube

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



Steel tube for CH



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: CODE. JF2.DW. 1... (insert relevant code from above)

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	0.65	0.70	0.76	0.82	0.88	1.94	1.00	1.06	1.12	1.19	1.25	1.31	1.38	1.44
	24	0.56	0.61	0.67	0.73	0.78	0.84	0.90	0.96	1.02	1.09	1.15	1.21	1.27	1.34
85	20	0.59	0.65	0.70	0.76	0.82	0.88	0.94	1.00	1.06	1.12	1.19	1.25	1.31	
	24	0.50	0.56	0.61	0.67	0.73	0.78	0.84	0.90	0.96	1.02	1.09	1.15	1.21	
80	20	0.54	0.59	0.65	0.70	0.76	0.82	0.88	0.94	1.00	1.06	1.12	1.19		
	24	0.45	0.50	0.56	0.61	0.67	0.73	0.78	0.84	0.90	0.96	1.02	1.09		
75	20	0.48	0.54	0.59	0.65	0.70	0.76	0.82	0.88	0.94	1.00	1.06			
	24	0.40	0.45	0.50	0.56	0.61	0.67	0.73	0.78	0.84	0.90	0.96			
70	20	0.43	0.48	0.54	0.59	0.65	0.70	0.76	0.82	0.88	0.94				
	24	0.35	0.40	0.45	0.50	0.56	0.61	0.67	0.73	0.78	0.84				
65	20	0.38	0.43	0.48	0.54	0.59	0.65	0.70	0.76	0.82					
	24	0.30	0.35	0.40	0.45	0.50	0.56	0.61	0.67	0.73					
60	20	0.33	0.38	0.43	0.48	0.54	0.59	0.65	0.70						
	24	0.25	0.30	0.35	0.40	0.45	0.50	0.56	0.61						
55	20	0.28	0.33	0.38	0.43	0.48	0.54	0.59							
	24	0.20	0.25	0.30	0.35	0.40	0.45	0.50							
50	20	0.23	0.28	0.33	0.38	0.43	0.48								
	24	0.16	0.20	0.25	0.29	0.35	0.40								
45	20	0.18	0.23	0.28	0.33	0.38									
	24	0.11	0.16	0.20	0.25	0.30									
40	20	0.14	0.18	0.23	0.28										
	24	0.08	0.12	0.16	0.20										
35	20	0.10	0.14	0.18											
	24	0.04	0.08	0.12											
30	20	0.06	0.10												
	24	0.01	0.04												

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.

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

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.



Output calculated in accordance with EN442, at a water temperature of 75/65°C and a room temperature of 20°C ($\Delta T=50$).

Product description

Accolade Deco

Material

The radiators are manufactured from triangular vertical collectors (22 x 40 mm) and horizontal curved steel radiation tubes \varnothing 16 mm, with open spaces to dry towels or linen. The Deco version is identical, without the open spaces. The radiation tubes are invisibly welded at the exterior part of the collector, using a special process. An electric element can be installed. For central heating wet system / electric only / mixed application (mixed).

Pressure test: 9 bar.

Working pressure: 6 bar.

Finish

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

Thickness of the lacquer: min 60 μ

Connections

The settled sockets 1/2" at the bottom end of the collectors. Air vent 1/8" at the back of the collector. Output in Watts, measured in accordance with EN 442.

How to install

The building services engineer chooses the radiators considering the following conditions:

- A heat output calculation according to the standard.
- The heat output and the dimensions of the Accolade Deco radiators according to EN 442.
- The radiators may be wall fitted with the wall fixings supplied
- The specially designed thermostatic connection sets/ thermostatic Jaga Deco/ Jaga Deco 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/ White/ Jaga Comap thermostatic heads silver/not to be/ to be fitted.

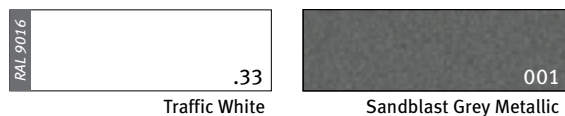
Options

- Jaga Deco valves
- Electric heating element
- Electric heating element with infrared operation
- T-piece for connection at the side end or at the back and for mixed application
- Insert pipe for top end connection

Jaga colours

For Accolade Deco

Standard colours



Premium colours



COMPLETE YOUR COLOUR CODE
Add 2 or 3 to the front of the selected colour code below to specify the finish

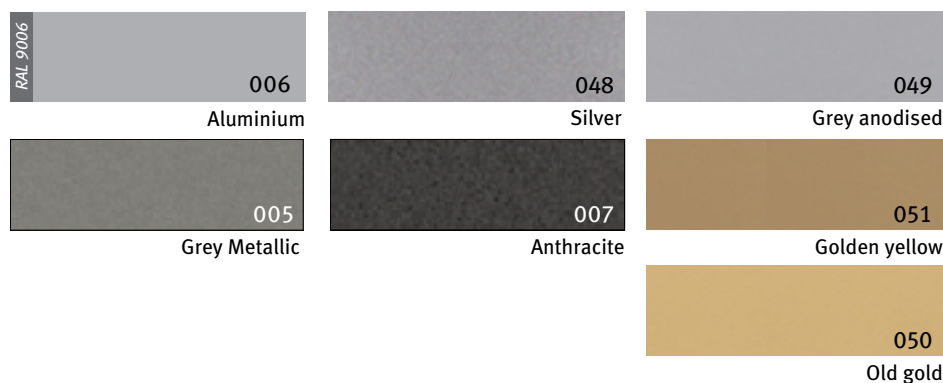
- 2.. Gloss finish
- 3.. Satin Matt finish

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

Special colours

For Accolade Deco

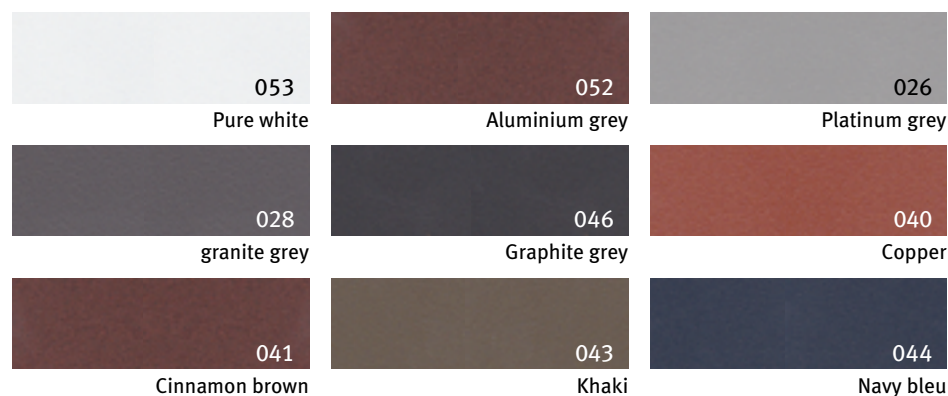
Smooth metallics



Metallics fine texture



Fine texture



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

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 after 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.

Radiator



Valves for Low-H2O heat exchangers



Electric Elements

