Valves

Range

Jaga-Deco manual valves

- manual chrome-plated valve for connection to the wall or to the floor
- head in 9 colours, with chrome-plated screw
- with chrome-plated sleeve couplings

Manual valve straight

Manual valve angled

Straight lockshield

Angled lockshield

chrome

white

black

dull black

yellow

red

blue

green

brown

Jaga-Deco Pro thermostatic valves

- chrome-plated valve for connection to the wall or to the floor
- for one or two pipe
- available in standard and reduced Kv
- with pre-setting
- thermostatic head can be placed left or right
- flow left or right, independent from the position of the thermostatic head
- with chrome-plated sleeve couplings
- with synthetic spindle protection for setting on site.
- liquid filled and anti-freeze protection 8 °C
- with screw connection M30 x 1.5
- according to EN 215.1

Deco-Pro straight valve

Deco-Pro angled valve

silver

chrome / white

chrome

Jaga-Deco thermostatic valves for single point connection

- chrome-plated valve for connection to the wall or to the floor
- for one or two pipe
- available in standard and reduced Kv
- with pre-setting
- thermostatic head can be placed left or right
- flow left or right, independent from the position of the thermostatic head
- with chrome-plated sleeve couplings
- with synthetic spindle protection for setting on site.
- liquid filled and anti-freeze protection 8 °C
- with screw connection M30 x 1.5
- according to EN 215.1

Single point valve straight

Single point valve angled

silver

chrome / white

chrome

For connection to the floor or to the wall, with Jaga Deco manual valve and lockshield

Connection to the wall or to the floor, with Jaga Deco Pro thermostatic valve

Connection to the floor or to the wall for single point connection

Jaga-Deco thermostatic valves

- chrome-plated thermostatic valve for connection to the wall or to the floor
- available in standard and reduced Kv
- with pre-setting
- with chrome-plated sleeve couplings
- with synthetic spindle protection for setting on site.
- according to EN 215.1

Thermostatic valve straight

Thermostatic valve angled

Double angled thermostatic valve

Straight lockshield

Angled lockshield

Double angled lockshield

silver

chrome / white

chrome

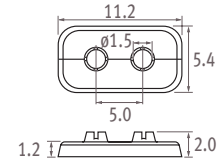
Connection to the floor or to the wall, with Jaga Deco thermostatic valve and lockshield

Connection to the wall with Jaga-Deco thermostatic valve double angled
Valve (flow) only right

Option

Covering rosette

- two piece rosette
- strong ABS synthetic material
- simple mounting or removing by means of click system
- heat-resitance up to 100°C



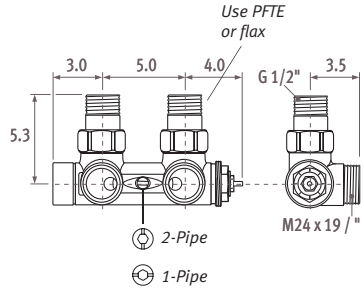
CODE
22170.00040102

Jaga-Deco Pro thermostatic valves

Deco-Pro valve
For all radiators with connection MM, LL or RR

Angled

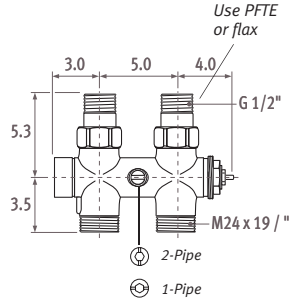
- for connection to the wall
- for one or two pipe
- TRV head can be placed left or right
- flow left or right, independent from the position of the thermostatic head
- with synthetic spindle protection for setting on site.
  (standard Kv: white / reduced Kv: red)
- balancing:
  standard Kv 0.29 - 1.65 m³/h (2-pipe)
  standard Kv 1.50 - 2.20 m³/h (1-pipe)
  reduced Kv 0.09 - 0.77 m³/h (2-pipe)
- according to the EN 215.1



CODE	
5094.427	standard Kv
5094.5427	reduced Kv

Straight

- for connection to the floor
- for one or two pipe
- TRV head can be placed left or right
- flow left or right, independent from the position of the thermostatic head
- with synthetic spindle protection for setting on site.
  (standard Kv: white / reduced Kv: red)
- balancing:
  standard Kv 0.29 - 1.65 m³/h (2-pipe)
  standard Kv 1.50 - 2.20 m³/h (1-pipe)
  reduced Kv 0.09 - 0.77 m³/h (2-pipe)
- according to the EN 215.1

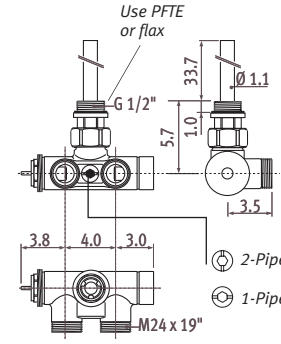


CODE	
5094.425	standard Kv
5094.5425	reduced Kv

Jaga-Deco thermostatic valves for single point connection

Angled

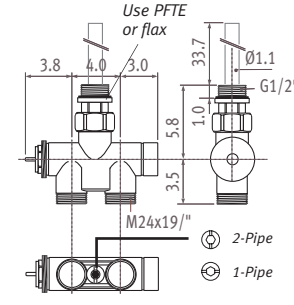
- for connection to the wall
- for one or two pipe
- thermostatic head can be placed left or right
- flow left or right, independent from the position of the thermostatic head
- with synthetic spindle protection for setting on site.
- balancing Kv 0.28 - 1.15 m³/h (2-pipe)
- balancing Kv 1.10 - 2.10 m³/h (1-pipe)
- according to the EN 215.1



CODE
5094.428

Straight

- for connection to the floor
- for one or two pipe
- thermostatic head can be placed left or right
- flow left or right, independent from the position of the thermostatic head
- with synthetic spindle protection for setting on site.
- balancing Kv 0.28 - 1.15 m³/h (2-pipe)
- balancing Kv 1.10 - 2.10 m³/h (1-pipe)
- according to the EN 215.1



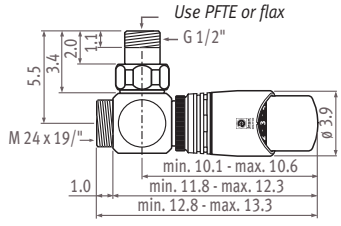
CODE
5094.426

jaga

Jaga-Deco thermostatic valves

Angled

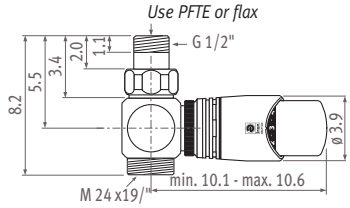
- for connection to the wall
- with synthetic spindle protection for setting on site. (standard Kv: white / reduced Kv: red)
- balancing:
  standard Kv 0.30 - 2.50 m³/h
  reduced Kv 0.10 - 0.84 m³/h
- according to the EN 215.1



CODE	
5094.422	standard Kv
5094.5422	reduced Kv

Straight

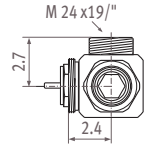
- for connection to the floor
- with synthetic spindle protection for setting on site. (standard Kv: white / reduced Kv: red)
- Balancing:
  standard Kv 0.30 - 1.85 m³/h
  reduced Kv 0.10 - 0.84 m³/h
- according to the EN 215.1

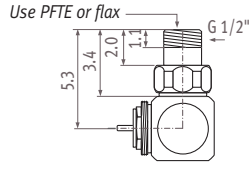


CODE	
5094.420	standard Kv
5094.5420	reduced Kv

Double angled

- for connection to the wall on the right site of the radiator.
- with synthetic spindle protection for setting on site. (standard Kv: white / reduced Kv: red)
- Balancing:
  standard Kv 0.30 - 2.50 m³/h
  reduced Kv 0.1 - 0.84 m³/h
- according to the EN 215.1





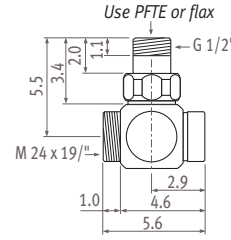
CODE	
5094.423	standard Kv
5094.5423	reduced Kv

Lockshields

Angled

- chrome-plated angled lockshield
- for connection to the wall
- suitable for pre-setting (see pressure drop graph)

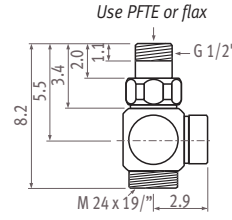
CODE
5096.004



Straight

- chrome-plated straight lockshield
- for connection to the floor
- suitable for pre-setting (see pressure drop graph)

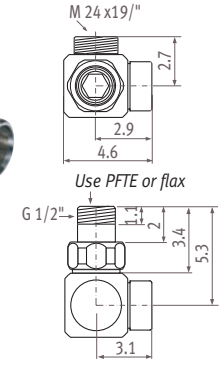
CODE
5096.003



Double angled

- chrome-plated double angled lockshield.
- for connection to the wall (l.h.s. of the radiator).
- suitable for pre-setting (see pressure drop graph)

CODE
5096.005

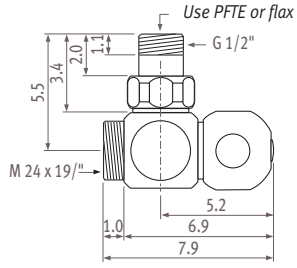


Jaga-Deco Manual valve

Angled

- head included
- manual chrome-plated valve for connection to the wall
- head in 9 colours, with chrome-plated screw

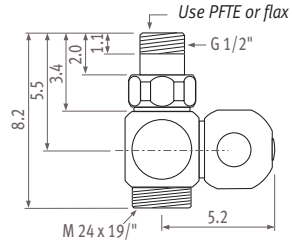
CODE	Colour
5096.00201	chrome
5096.00202	white
5096.00203	black
5096.00204	dull black
5096.00205	yellow
5096.00206	red
5096.00207	blue
5096.00208	green
5096.00209	brown



Straight

- head included
- manual chrome-plated valve for connection to the floor
- head in 9 colours, with chrome-plated screw

CODE	Colour
5096.00101	chrome
5096.00102	white
5096.00103	black
5096.00104	dull black
5096.00105	yellow
5096.00106	red
5096.00107	blue
5096.00108	green
5096.00109	brown



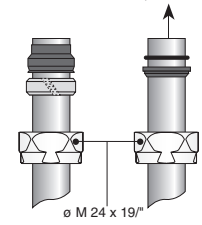
Manual heads

Sleeve couplings

For flexible steel tube or copper tube

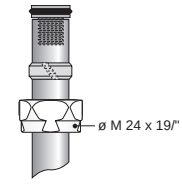
CODE	description
5094.1110	Ø M24 x 10/1
5094.1112	Ø M24 x 12/1
5094.1114	Ø M24 x 14/1
5094.1115	Ø M24 x 15/1
5094.1116	Ø M24 x 16/1
5094.1118	Ø M24 x 18/1

Just for tube 18/1



For synthetic tube

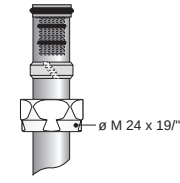
CODE	description
5094.1212	Ø M24 x 12/2
5094.1214	Ø M24 x 14/2
5094.1219	Ø M24 x 16/1.5
5094.1216	Ø M24 x 16/2
5094.1217	Ø M24 x 17/2
5094.1218	Ø M24 x 18/2



For RPE/ALU tube

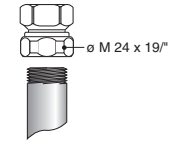
RPE tube = reticulated polyethylene tube with an intermediate aluminium layer.

CODE	description
5094.1314	Ø M24 x 14/2
5094.1316	Ø M24 x 16/2
5094.1326	Ø M24 x 16/2.2
5094.1318	Ø M24 x 18/2
5094.1336	Ø M24 x 16/2.2
Only for TECE pipes	←



Steel tube for C.H.

CODE	description
5094.1501	Ø M24 x 1/2"
5094.1504	Ø M24 x 3/8"



Thermostatic heads

- liquid filled
- anti-freeze protection 8 °C and adjustable from 10 up to 27 °C (Jaga Comap: 6 up to 30 °C)
- max. temperature control by pin on inside (Jaga Comap: ring-system)
- screw connection M30 x 1.5
- max. watertemperature 110°C

CODE	Colour
5090.1111	chrome
5090.1110	chrome/white
5090.1119	silver

chrome

chrome/white

Jaga Comap silver

jaga

Coming soon
Special Jaga Danfoss selection

More information:
http://www.theradiatorfactory.com/JagaDanfossSelection

Deco valves_Pressure drop

Technical data Jaga Deco valves

- Max. water flow temperature: 120 °C
- Max. system pressure: 10 bar
- Max. pressure drop: 0.4 complying to the noise standard ISO 3743
- Liquid filled Jaga and Deco thermostatic head (setting deviation 0.5 ≤ XP=2K)

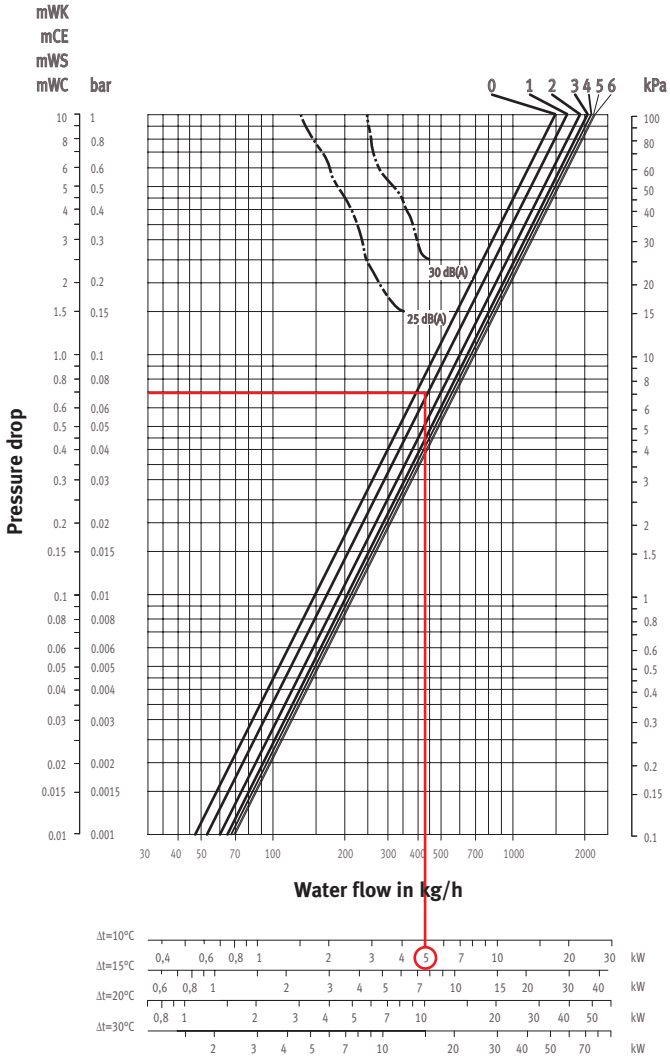
Pressure drop Deco-Pro thermostatic valve Standard Kv - Angled / Straight

Pressure drop one pipe

Example: Radiator 5 kW
(Table Δ T=50)

Δ T = 10 °C (75 - 65 = 10 °C)
Δ P = 0.07 bar
Pre-setting = 1
Kv= 1.68 m³/h

Pre-setting	0	1	2	3	4	5	6	7
% radiator	0	11	21	26	29	31	32	32
Kv (t=2K)	1.50	1.68	1.90	2.04	2.12	2.17	2.20	2.20

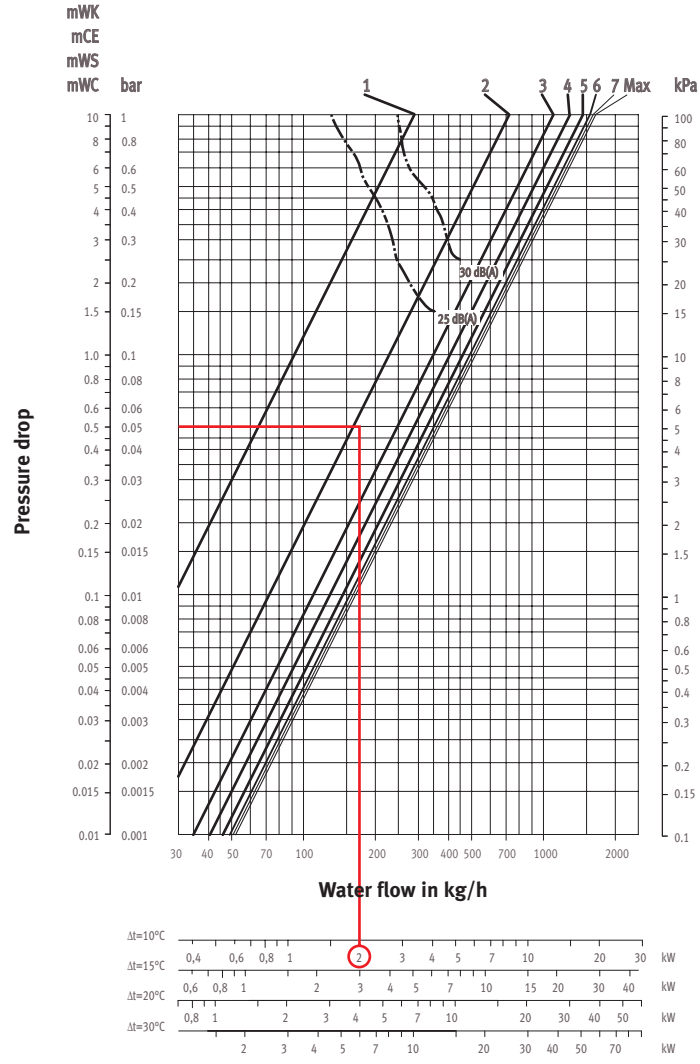


Pressure drop two pipe

Example: Radiator 2 kW
(Table Δ T=50)

Δ T = 10 °C (75 - 65 = 10 °C)
Δ P = 0.05 bar
Pre-setting = 2
Kv= 0.72 m³/h

Pre-setting	0	1	2	3	4	5	6	7	Max
% radiator	0	100	100	100	100	100	100	100	100
Kv (t=2K)	0	0.29	0.72	1.10	1.29	1.46	1.56	1.61	1.65



jaga

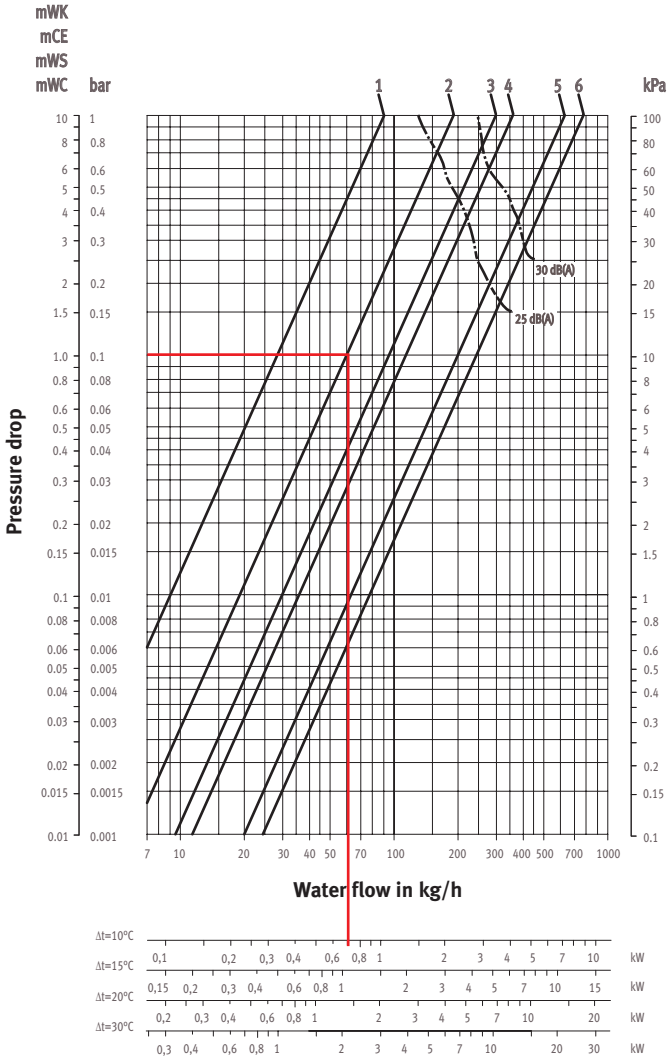
Pressure drop Deco-Pro Thermostatic valve Reduced Kv - Angled / Straight

Pressure drop 2-Pipe

Example: Radiator 0.7 kW
(Table Δ T=50)

Δ T = 10 °C (75 - 65 = 10 °C)
Δ P = 0.1 bar
Pre-setting = 2
Kv= 0.19 m³/h

Pre-setting	0	1	2	3	4	5	6
% radiator	0	100	100	100	100	100	100
Kv (t=2K)	0	0.09	0.19	0.30	0.36	0.63	0.77



Deco valves_Pressure drop

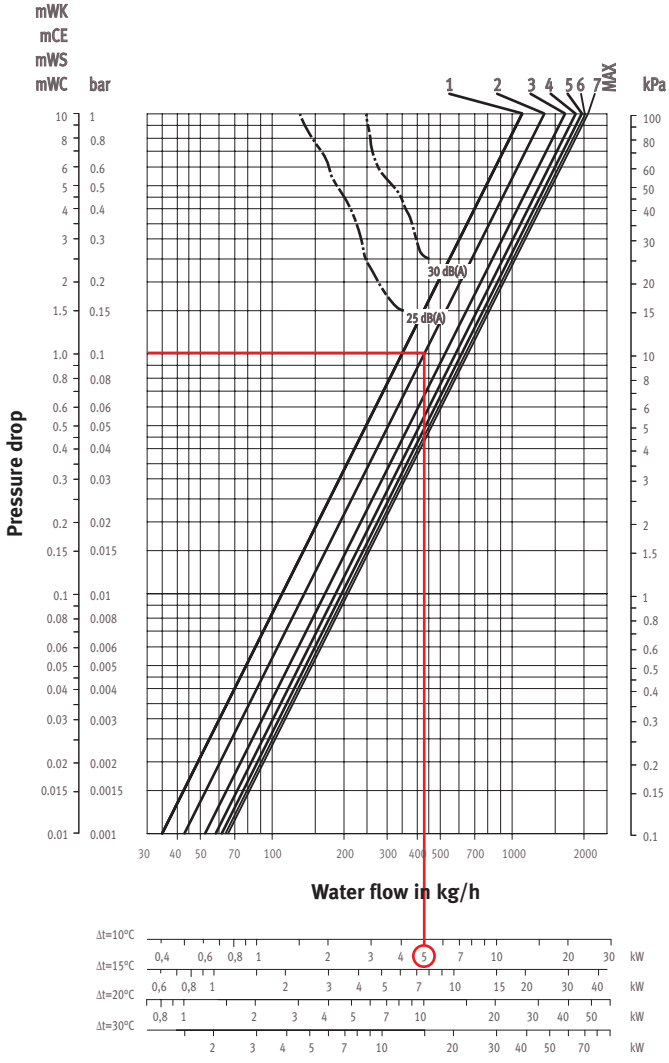
Pressure drop thermostatic valve for single point connection

Pressure drop one pipe

Example: Radiator 5 kW
(Tabel Δ T=50)

Δ T = 10 °C (75 - 65 = 10 °C)
Δ P = 0.1 bar
Pre-setting = 2
Kv= 1.66 m³/h

Pre-setting	0	1	2	3	4	5	6	7
% radiator	0	19	34	40	43.5	45.5	47	47.5
Kv (t=2K)	1.10	1.36	1.66	1.84	1.95	2.02	2.07	2.10

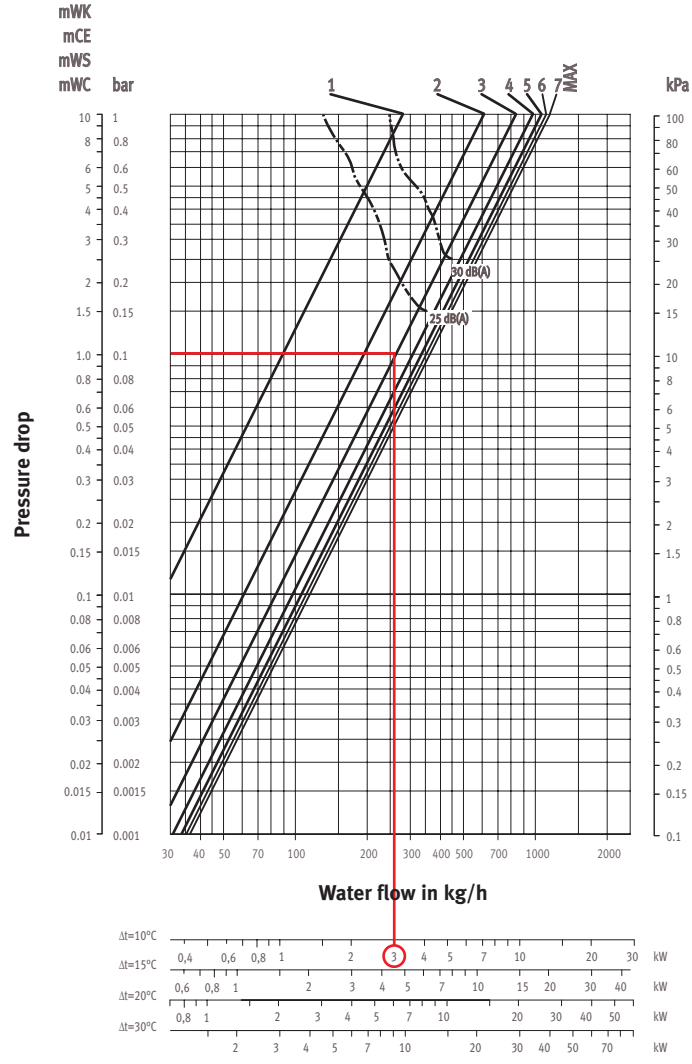


Pressure drop two pipe

Example: Radiator 3 kW
(Table Δ T=50)

Δ T = 10 °C (75 - 65 = 10 °C)
Δ P = 0.1 bar
Pre-setting = 3
Kv= 0.83 m³/h

Pre-setting	0	1	2	3	4	5	6	7
% radiator	0	100	100	100	100	100	100	100
Kv (t=2K)	0	0.28	0.61	0.83	0.97	1.06	1.11	1.15



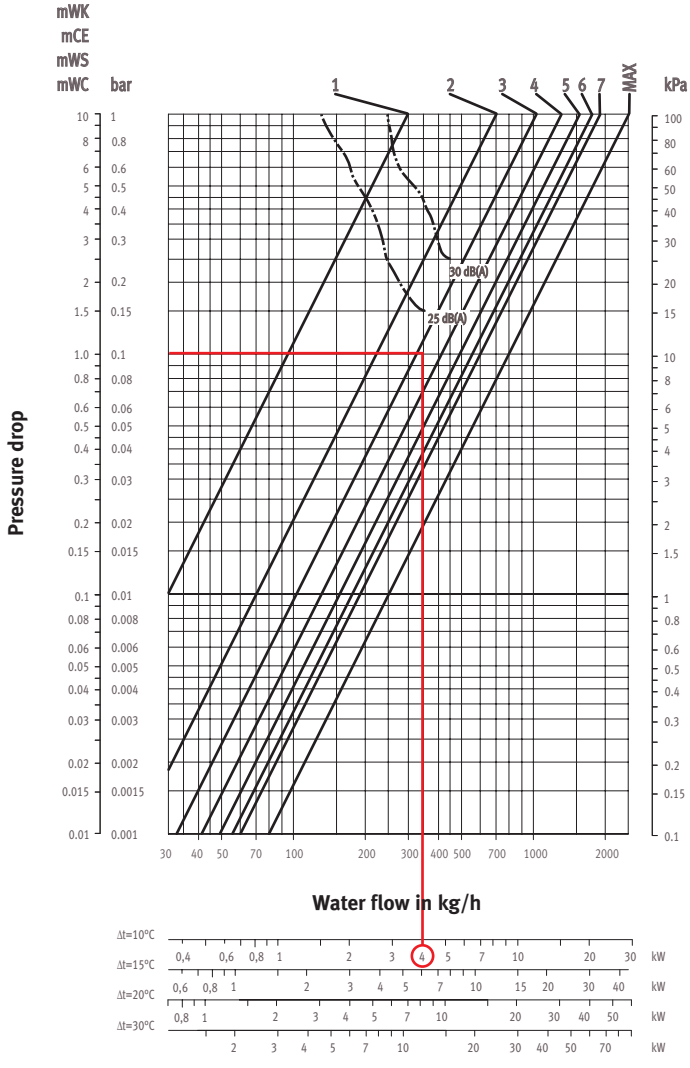
jaga

Pressure drop Jaga-Deco thermostatic valve Standard Kv - Angled / Double angled

Example: Radiator 4 kW
(Table Δ T=50)

Δ T = 10 °C (75 - 65 = 10 °C)
Δ P = 0.1 bar
Pre-setting = 3
Kv= 1.03 m³/h

Pre-setting	0	1	2	3	4	5	6	7	Max
% radiator	0	100	100	100	100	100	100	100	100
Kv (t=2K)	0	0.30	0.70	1.03	1.31	1.56	1.76	1.90	2.50

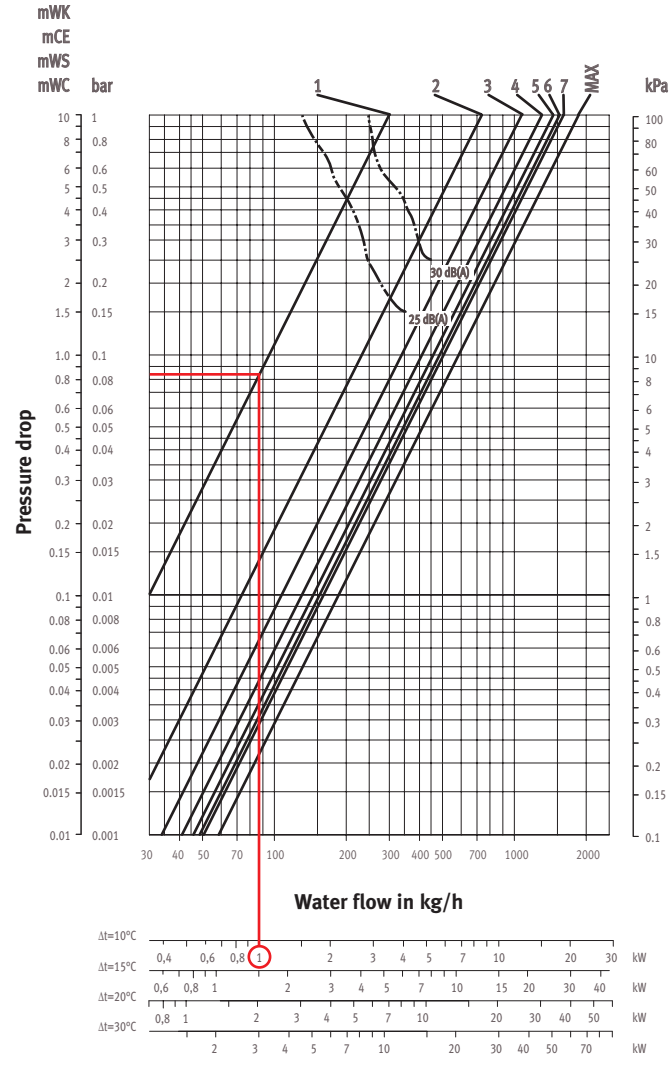


Pressure drop Jaga-Deco thermostatic valve Standard Kv - Straight

Example: Radiator 1 kW
(Table Δ T=50)

Δ T = 10 °C (75 - 65 = 10 °C)
Δ P = 0.085 bar
Pre-setting = 1
Kv= 0.3 m³/h

Pre-setting	0	1	2	3	4	5	6	7	Max
% radiator	0	100	100	100	100	100	100	100	100
Kv (t=2K)	0	0.30	0.73	1.07	1.30	1.45	1.54	1.60	1.85



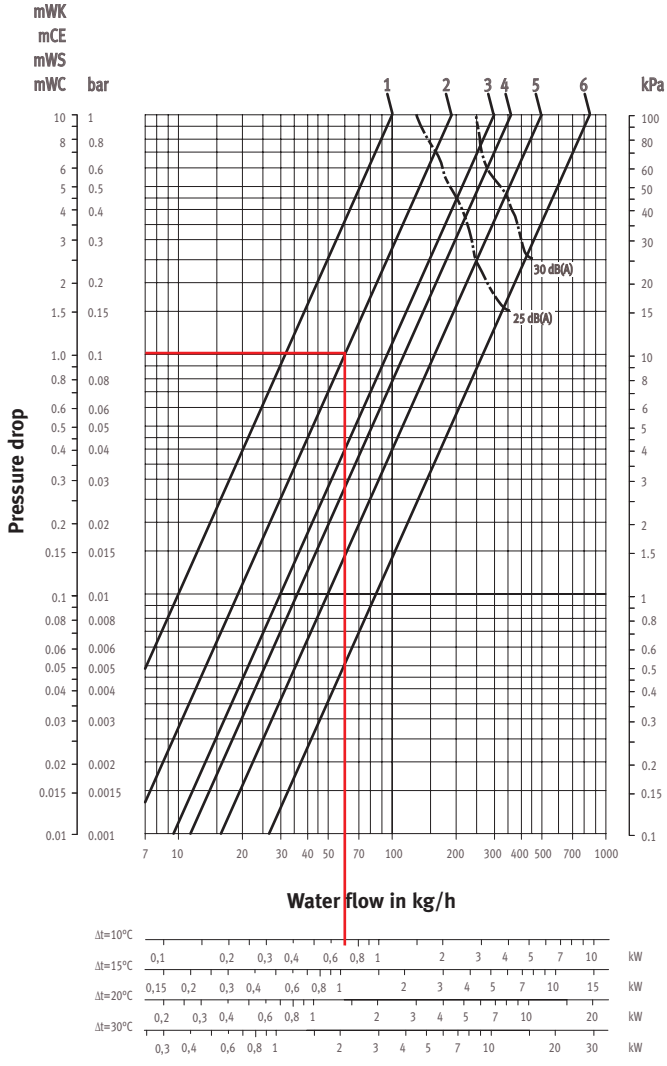
Deco valves_Pressure drop

Pressure drop Jaga-Deco thermostatic valve Reduced Kv - Angled / Double angled / Straight

Example: Radiator 0,7 kW
(Table Δ T=50)

Δ T = 10 °C (75 - 65 = 10 °C)
Δ P = 0.1 bar
Pre-setting = 2
Kv= 0.19 m³/h

Pre-setting	0	1	2	3	4	5	6
% radiator	0	100	100	100	100	100	100
Kv (t=2K)	0	0.10	0.19	0.30	0.36	0.50	0.84



Pressure drop lockshield Angled / Double angled / Straight

Example: Radiator 4 kW
(Table Δ T=50)

Δ T = 10 °C (75 - 65 = 10 °C)
Δ P = 0.1 bar
Number of rotations = 1
Kv= 1.04 m³/h

Number of rotations	closed	0.5	1.0	1.5	open
% radiator	0	100	100	100	100
Kv (t=2K)	0	0.44	1.04	1.28	1.31