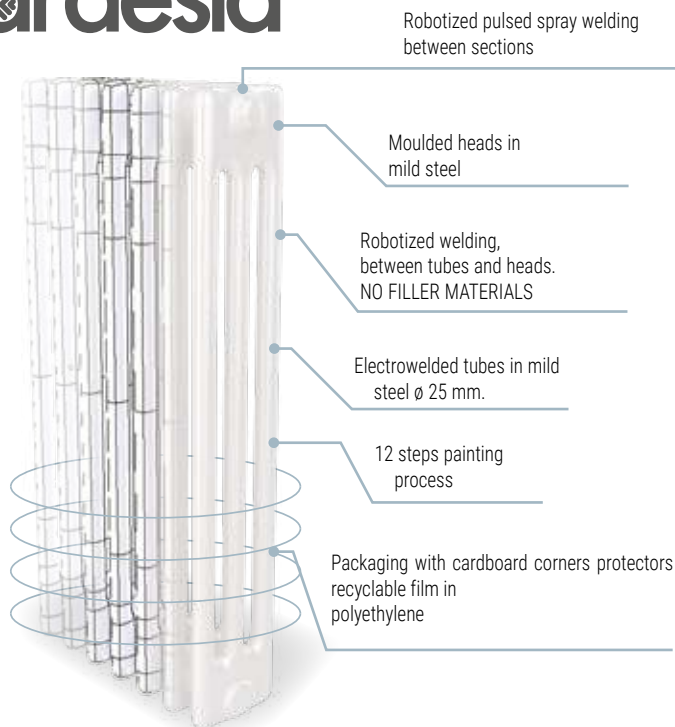




FUNCTIONING

Hot water

Temperature (max)	Hub	Section width
110 °C	1"	46 mm

PRESSURE

10 bar	Maximun working pressure
13 bar	Testing conditions



WARRANTY
5 YEARS



Thanks to our specific design, Ardesia® can be mounted without removing the packaging. For a major protection during the installation.

HOW TO ORDER ARDESIA® (CREATION OF THE ARTICLE CODE)

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr of columns E.g.: Ardesia® 3 columns	Nr of Elements E.g.: 21 elements	Height in cm Example: 750 mm	Code of the connection Example: connection D8	Code of the colour Example: R01 - White	Constant value
AR3	21	0750	D08	R01	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR3 ARDESIA® 3 Columns

21 21 elements (see the table shown on the side)

0750 Height 750 mm (see the table shown on the side)

D08 connection D8 (see page 212-213)

R01 colour R01 - White (see page 486)

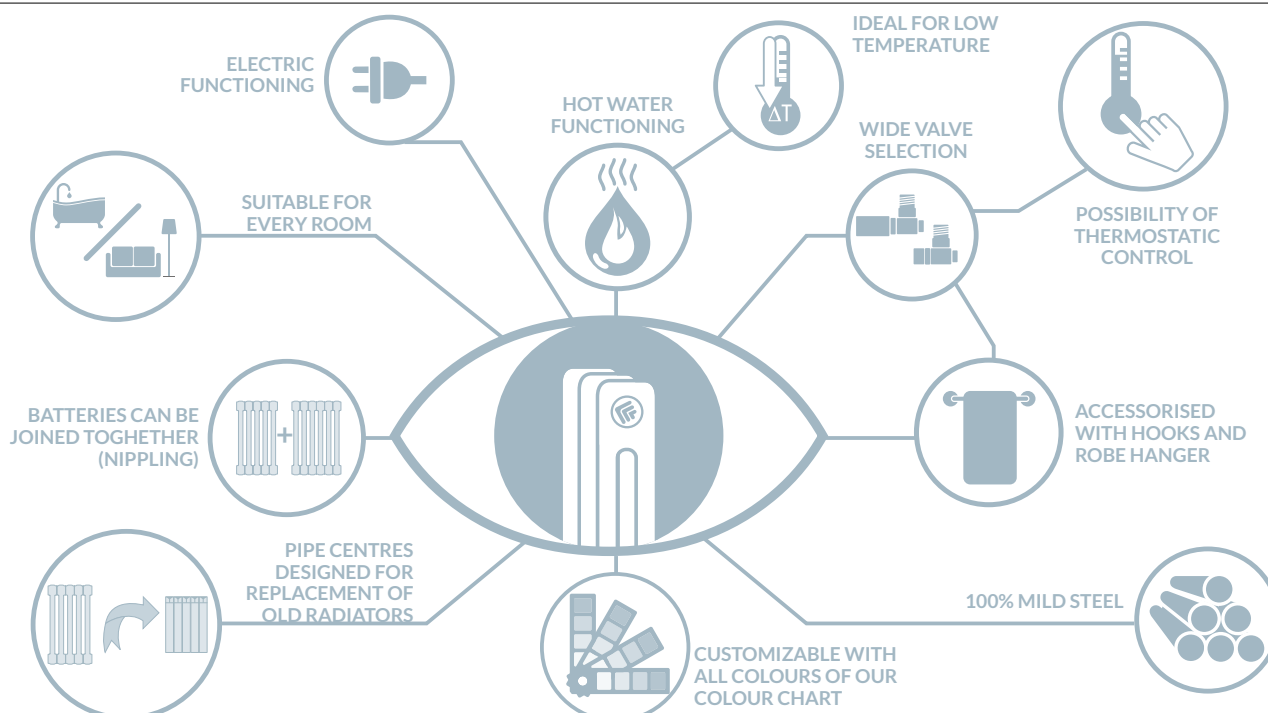
A (Constant value)

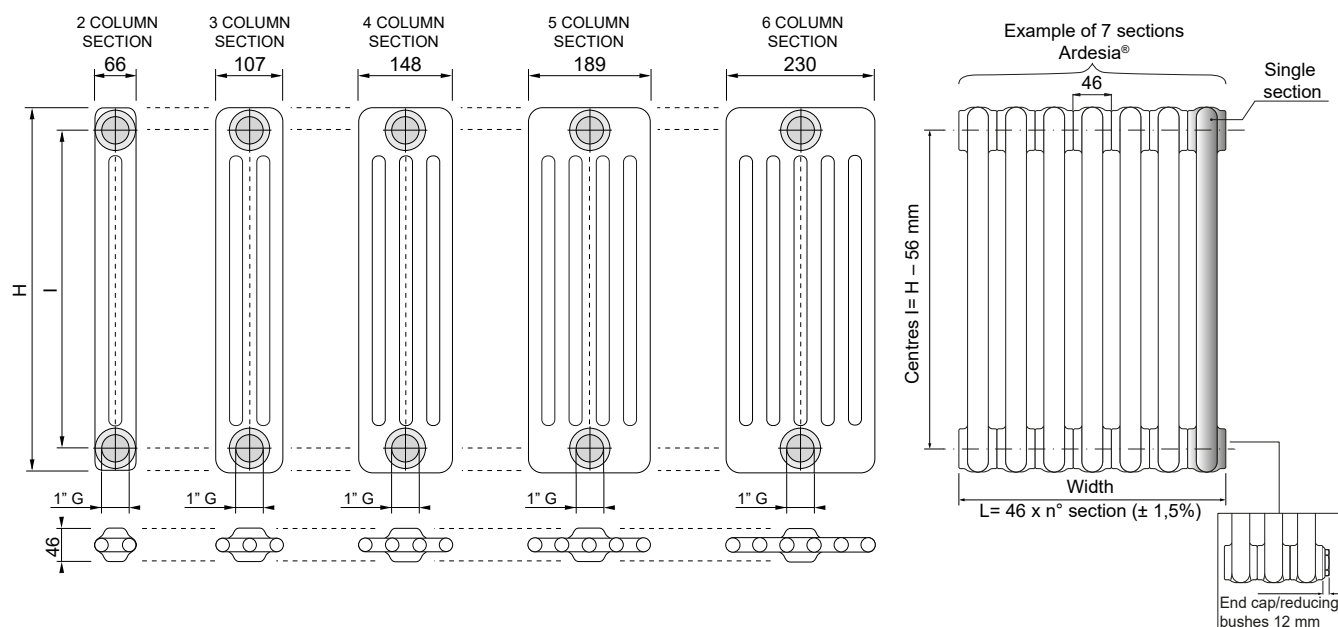
The article code will be:

AR3 21 0750 D08 R01 A

Three-digit value for the number of columns
Two-digit value for the number of elements (see technical table)
Four-digit value for height indication (see technical table)
Three-digit value for the type of connection (see page 212-213)
Three-digit value for colour selection (see page 486 - surcharge for colours other than white)

ARDESIA® QUICK LOOK



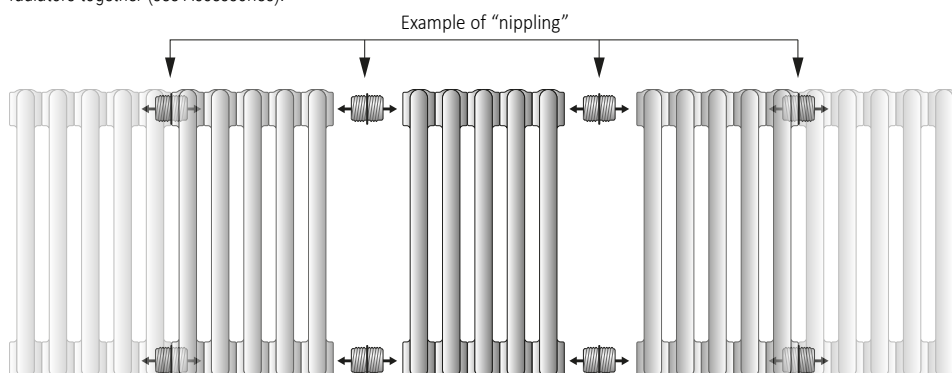


MAXIMUM NUMBER OF SECTIONS WELDED TOGETHER

Height H	Pipe centres I	N° COLUMNS				
[mm]	[mm]	2	3	4	5	6
207	151	40	40	40	40	40
300	244	40	40	40	40	40
400	344	40	40	40	40	40
500	444	40	40	40	40	40
556	500	40	40	40	40	35
586	530	40	40	40	40	35
600	544	40	40	40	40	35
626	570	40	40	40	36	30
656	600	40	40	40	36	30
676	620	40	40	40	36	30
750	694	40	40	40	33	27
756	700	40	40	40	33	27
786	730	40	40	40	33	27
856	800	40	40	35	28	23
876	820	40	40	35	28	23
900	844	40	35	35	28	23
926	870	40	35	35	28	23
1000	944	40	35	35	25	20
1200	1144	35	35	25	20	15
1500	1444	35	25	20	15	15
1656	1600	35	25	20	15	14
1800	1744	35	22	20	12	10
1856	1800	35	22	20	12	10
2000	1944	30	22	15	12	10
2056	2000	30	22	15	12	10
2200	2144	30	18	15	12	10
2500	2444	25	18	15	12	10

NIPPLING

The number of section/width is virtually unlimited. It is possible, in fact to obtain a bigger number of sections connecting the single radiators together (see Accessories).



Use only Cordivari Nipples.
The use of other nipples does not guarantee the sealing of the radiator and excludes the warranty.

All the batteries of the same height, can be joined together, starting from a minimum of 3 sections.

In the "joining operation" do not exceed the rate of 10 kg x meter. The special white silicon gasket guarantees a perfect hydraulic seal.

PLEASE NOTE: ONLY USE CORDIVARI NIPPLES.

ardesia[®] CONNECTIONS

To make easier your daily work we have provided the standard configurations with reducing bushes and end caps already mounted. When ordering please specify the desired connection, otherwise, the radiator will be supplied without any configurations.

To order Accessories and fittings please consult page 508

STANDARD CONFIGURATIONS

Standard configurations, except for connection "0" or special executions excluded, include airvent end caps and bushes already mounted. It is necessary to specify the desired combination (example: 1,2,3,8,D,M,AS ecc...).

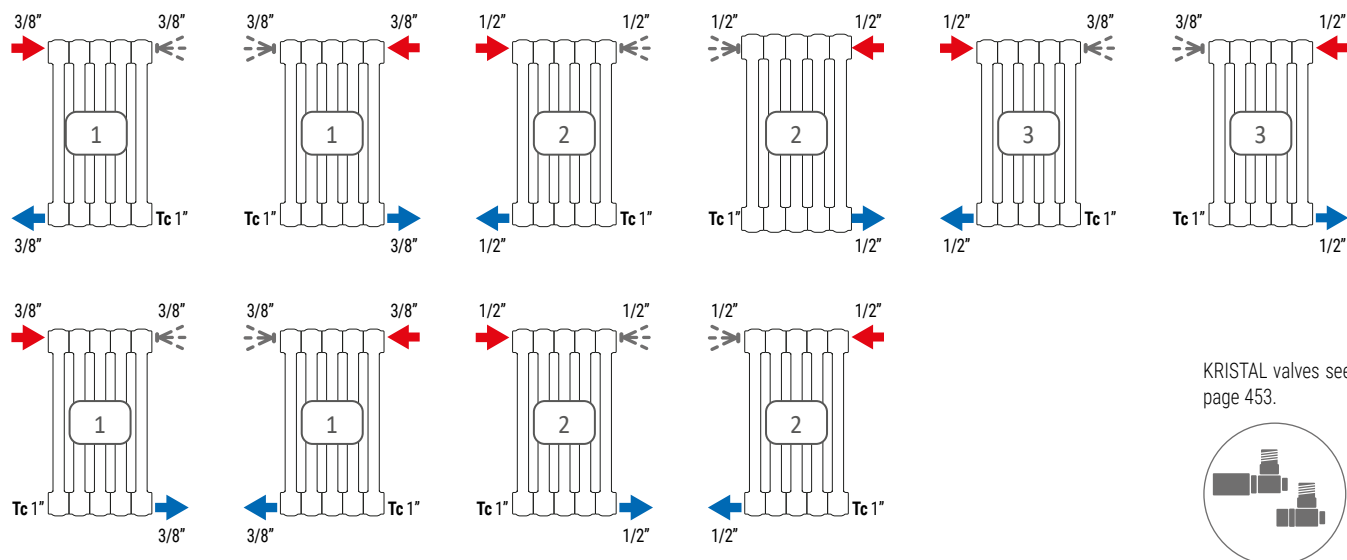
PLEASE NOTE: besides the configurations hereby presented, all configurations with diameters of 3/4" • 1/2" • 3/8" • 1/4" are available.

LEGENDA

 In	 Out
 Airvent	 Connection 1/2"
 Movable Diverter	 Welded Diverter
 Tc End cap	 Thermostatic head
 Bidirectional	

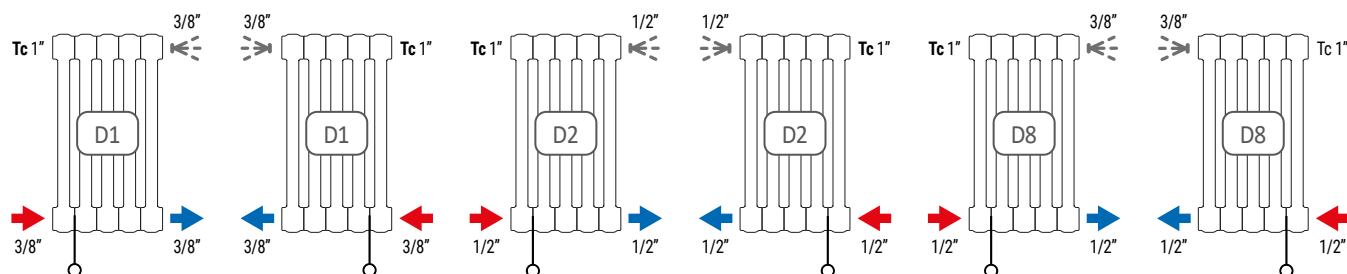
SIDE AND OPPOSITE CONNECTIONS

Airvent included



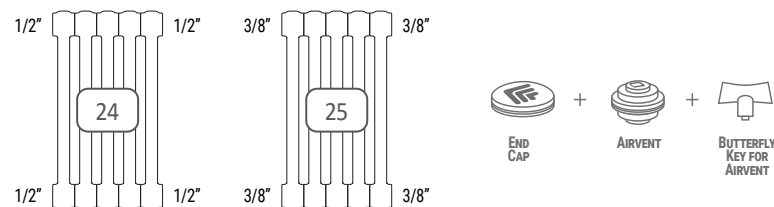
BOTTOM-SIDE CONNECTIONS

Airvent included



UNIVERSAL CONNECTIONS

Airvent included



CONNECTIONS FOR NIPPLING OPERATION

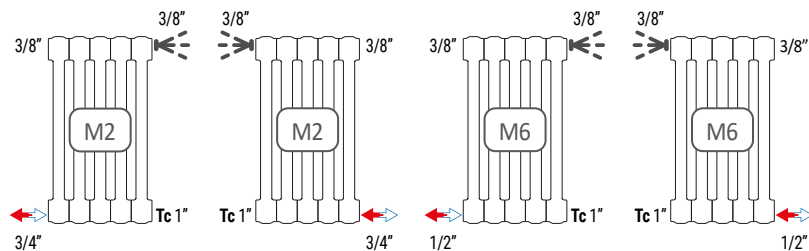
4 open connections with 1" threading end cap, reducing bushes and Airvent are supplied separately, on demand.



Ideal for wholesalers that wish to have a stock of radiators ready for use. The "0" connection for nipping operation allows to have batteries of several dimensions and with an almost endless number of heating sections.

BIDIRECTIONAL CONNECTIONS

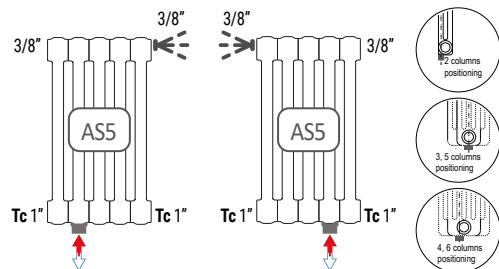
Airvent included



Valve Bidirectional Kristal Cordivari only for M6 bidirectional connection for batteries from 3 up to 20 sections.(see ACCESSORIES).

BIDIRECTIONAL CONNECTIONS

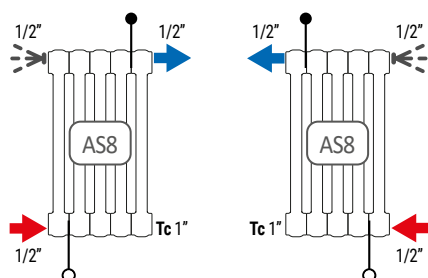
Airvent included



Bidirectional underneath connection placed on the second section

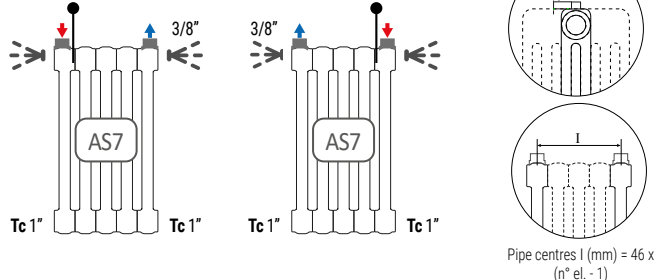
OPPOSITE SPECIAL CONNECTIONS

Airvent included



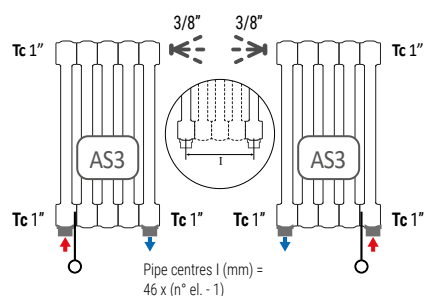
WITH UPPER SLEEVES CONNECTIONS

Airvent included



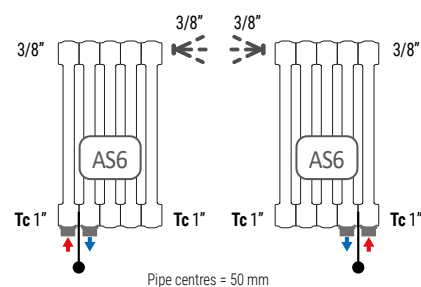
UNDERNEATH WELDED SLEEVES CONNECTIONS

Airvent included

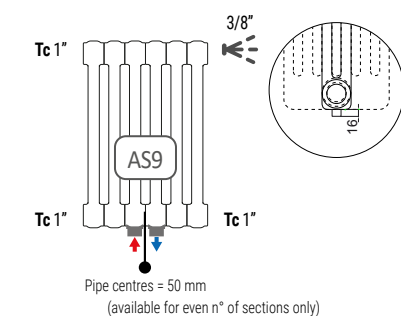


Pipe centres different from standard are available on demand.

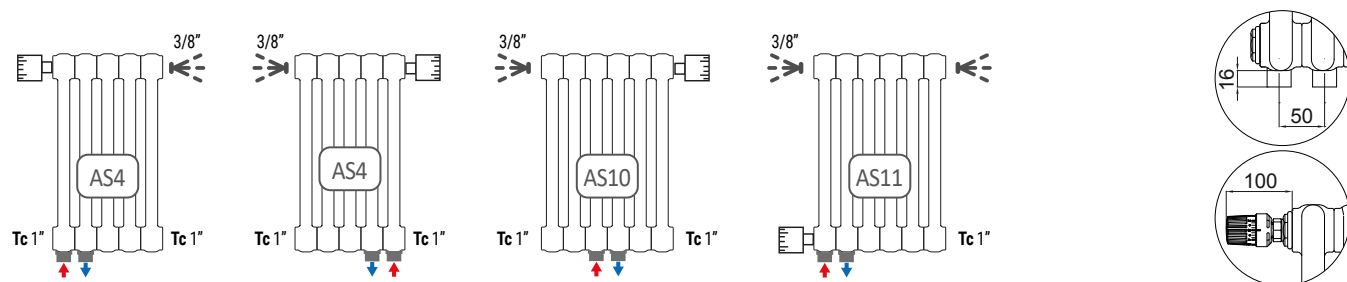
Airvent included



Airvent included



WELDED UNDERNEATH SLEEVES WITH PIPE CENTRES 50 MM 1/2" AND THERMOSTATIC HEAD MOUNTED*



* Valve unit and Liquid thermostatic head Oventrop with liquid functioning in accordance with UNI EN 215:2007 regulation.

Height (mm)	Columns				
207	2	3	4	5	6
Δt 60 = [W]	22,2	31,5	40,7	50,5	61,9
Δt 50 = [W]	17,5	24,8	32,0	39,7	48,7
Δt 40 = [W]	13,1	18,5	23,9	29,5	36,3
Δt 30 = [W]	9,0	12,7	16,3	20,1	24,8
Pipe Centres [mm]	151				
Water content [lt]	0,29	0,42	0,56	0,70	0,80
Dry Weight [kg]	0,35	0,53	0,71	0,89	1,07
Exp. [n]	1,303	1,314	1,317	1,329	1,318

Height (mm)	Columns				
300	2	3	4	5	6
Δt 60 = [W]	32,1	43,7	58,9	71,9	86,1
Δt 50 = [W]	25,6	34,7	46,8	56,5	67,7
Δt 40 = [W]	19,4	26,1	35,3	42,1	50,4
Δt 30 = [W]	13,5	18,1	24,5	28,8	34,5
Pipe Centres [mm]	244				
Water content [lt]	0,37	0,54	0,72	0,90	1,10
Dry Weight [kg]	0,49	0,74	0,99	1,24	1,49
Exp. [n]	1,247	1,273	1,265	1,320	1,322

Height (mm)	Columns				
400	2	3	4	5	6
Δt 60 = [W]	41,5	56,9	75,5	92,1	110,9
Δt 50 = [W]	33,0	45,1	59,8	72,4	87,3
Δt 40 = [W]	24,9	33,8	44,9	53,9	65,1
Δt 30 = [W]	17,3	23,4	31,1	36,8	44,6
Pipe Centres [mm]	344				
Water content [lt]	0,45	0,66	0,88	1,10	1,30
Dry Weight [kg]	0,63	0,95	1,27	1,59	1,92
Exp. [n]	1,261	1,284	1,280	1,323	1,313

Height (mm)	Columns				
500	2	3	4	5	6
Δt 60 = [W]	50,6	69,9	91,7	111,7	134,7
Δt 50 = [W]	40,1	55,2	72,4	87,7	106,2
Δt 40 = [W]	30,2	41,4	54,2	65,3	79,3
Δt 30 = [W]	20,9	28,5	37,3	44,6	54,5
Pipe Centres [mm]	444				
Water content [lt]	0,53	0,79	1,04	1,30	1,60
Dry Weight [kg]	0,77	1,16	1,55	1,95	2,34
Exp. [n]	1,275	1,296	1,296	1,326	1,305

Height (mm)	Columns				
600	2	3	4	5	6
Δt 60 = [W]	59,6	82,8	107,6	130,9	157,6
Δt 50 = [W]	47,1	65,2	84,7	102,7	124,5
Δt 40 = [W]	35,3	48,7	63,2	76,4	93,2
Δt 30 = [W]	24,4	33,5	43,4	52,1	64,2
Pipe Centres [mm]	544				
Water content [lt]	0,61	0,91	1,20	1,50	1,80
Dry Weight [kg]	0,91	1,37	1,84	2,30	2,76
Exp. [n]	1,289	1,307	1,312	1,329	1,296

Height (mm)	Columns				
750	2	3	4	5	6
Δt 60 = [W]	73,2	101,9	131,3	159,2	190,7
Δt 50 = [W]	57,6	80,0	102,9	124,8	150,9
Δt 40 = [W]	43,0	59,6	76,4	92,7	113,3
Δt 30 = [W]	29,5	40,7	52,0	63,1	78,3
Pipe Centres [mm]	694				
Water content [lt]	0,73	1,09	1,44	1,80	2,20
Dry Weight [kg]	1,12	1,69	2,26	2,83	3,40
Exp. [n]	1,310	1,325	1,335	1,334	1,284

Height (mm)	Columns				
900	2	3	4	5	6
Δt 60 = [W]	86,9	120,9	154,8	186,9	222,4
Δt 50 = [W]	68,1	94,6	120,8	146,4	176,4
Δt 40 = [W]	50,6	70,2	89,2	108,6	132,8
Δt 30 = [W]	34,5	47,7	60,4	73,9	92,1
Pipe Centres [mm]	844				
Water content [lt]	0,85	1,27	1,68	2,10	2,50
Dry Weight [kg]	1,33	2,01	2,68	3,36	4,03
Exp. [n]	1,331	1,342	1,359	1,339	1,271

Height (mm)	Columns				
1000	2	3	4	5	6
Δt 60 = [W]	95,9	133,3	169,9	205,4	244,2
Δt 50 = [W]	75,2	104,3	132,7	160,6	192,9
Δt 40 = [W]	55,8	77,3	98,1	118,9	144,4
Δt 30 = [W]	38,0	52,5	66,4	80,7	99,5
Pipe Centres [mm]	944				
Water content [lt]	0,93	1,39	1,84	2,30	2,80
Dry Weight [kg]	1,48	2,22	2,96	3,71	4,46
Exp. [n]	1,335	1,345	1,355	1,348	1,296

Height (mm)	Columns				
1200	2	3	4	5	6
Δt 60 = [W]	114,3	157,9	199,7	242,1	287,1
Δt 50 = [W]	89,5	123,5	156,2	188,8	224,7
Δt 40 = [W]	66,3	91,3	115,6	139,2	166,5
Δt 30 = [W]	45,1	61,9	78,5	93,9	113,1
Pipe Centres [mm]	1144				
Water content [lt]	1,09	1,63	2,17	2,70	3,20
Dry Weight [kg]	1,76	2,64	3,53	4,41	5,30
Exp. [n]	1,343	1,350	1,348	1,366	1,345

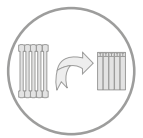
Height (mm)	Columns				
1500	2	3	4	5	6
Δt 60 = [W]	142,6	194,6	244,3	297,0	349,7
Δt 50 = [W]	111,4	151,9	191,4	230,4	270,0
Δt 40 = [W]	82,3	112,2	142,0	168,8	196,8
Δt 30 = [W]	55,8	75,9	96,6	113,1	130,8
Pipe Centres [mm]	1444				
Water content [lt]	1,33	1,99	2,65	3,30	4,0
Dry Weight [kg]	2,18	3,28	4,37	5,47	6,57
Exp. [n]	1,355	1,359	1,338	1,393	1,418

Height (mm)	Columns				
1800	2	3	4	5	6
Δt 60 = [W]	171,7	230,1	290,1	348,7	403,4
Δt 50 = [W]	134,1	180,2	226,6	271,6	312,7
Δt 40 = [W]	99,1	133,6	167,6	200,1	229,0
Δt 30 = [W]	67,1	90,8	113,5	134,9	153,2
Pipe Centres [mm]	1744				
Water content [lt]	1,58	2,35	3,13	3,91	4,70
Dry Weight [kg]	2,60	3,91	5,22	6,53	7,84
Exp. [n]	1,355	1,341	1,353	1,370	1,396

Height (mm)	Columns				
2000	2	3	4	5	6
Δt 60 = [W]	191,7	253,6	320,9	382,9	437,2
Δt 50 = [W]	149,8	199,0	250,3	299,0	339,8
Δt 40 = [W]	110,7	147,9	184,6	221,0	249,7
Δt 30 = [W]	75,0	100,9	124,7	149,6	167,8
Pipe Centres [mm]	1944				
Water content [lt]	1,74	2,59	3,45	4,31	5,20
Dry Weight [kg]	2,89	4,33	5,78	7,23	8,69
Exp. [n]	1,355	1,330	1,364	1,356	1,382

Height (mm)	Columns				
2200	2	3	4	5	6
Δt 60 = [W]	212,3	276,9	352,1	416,7	469,6
Δt 50 = [W]	165,9	217,8	274,1	326,4	366,0
Δt 40 = [W]	122,6	162,3	201,7	242,0	269,7
Δt 30 = [W]	83,0	111,1	135,9	164,6	182,0
Pipe Centres [mm]	2144				
Water content [lt]	1,90	2,83	3,77	4,71	5,60
Dry Weight [kg]	3,17	4,76	6,35	7,94	9,53
Exp. [n]	1,355	1,318	1,374	1,341	1,367

Height (mm)	Columns				
2500	2	3	4	5	6
Δt 60 = [W]	244,4	311,7	399,6	467,2	515,6
Δt 50 = [W]	190,9	245,9	310,2	367,4	403,4
Δt 40 = [W]	141,1	184,0	227,5	273,8	298,8
Δt 30 = [W]	95,5	126,6	152,5	187,4	202,9
Pipe Centres [mm]	2444				
Water content [lt]	2,14	3,19	4,25	5,31	6,40
Dry Weight [kg]	3,59	5,39	7,19	9,00	10,80
Exp. [n]	1,355	1,301	1,389	1,318	1,345



Height (mm)	Columns				
676	2	3	4	5	6
Δt 60 = [W]	66,5	92,5	119,6	145,3	174,6
Δt 50 = [W]	52,4	72,8	94,0	114,0	138,0
Δt 40 = [W]	39,2	54,3	70,0	84,7	103,5
Δt 30 = [W]	27,0	37,2	47,8	57,7	71,4
Pipe Centres [mm]	620				
Water content [lt]	0,67	1,00	1,32	1,65	2,00
Dry Weight [kg]	1,02	1,53	2,05	2,57	3,09
Exp. [n]	1,299	1,316	1,324	1,332	1,290

Height (mm)	Columns				
876	2	3	4	5	6
Δt 60 = [W]	84,7	117,8	151,0	182,5	217,4
Δt 50 = [W]	66,5	92,3	118,0	143,0	172,4
Δt 40 = [W]	49,4	68,5	87,2	106,1	129,7
Δt 30 = [W]	33,7	46,6	59,1	72,2	90,0
Pipe Centres [mm]	820				
Water content [lt]	0,83	1,24	1,65	2,05	2,50
Dry Weight [kg]	1,30	1,96	2,61	3,27	3,93
Exp. [n]	1,327	1,339	1,355	1,338	1,273

Height (mm)	Columns				
556	2	3	4	5	6
Δt 60 = [W]	55,6	77,2	100,6	122,5	147,6
Δt 50 = [W]	44,0	60,9	79,3	96,2	116,5
Δt 40 = [W]	33,1	45,5	59,3	71,5	87,1
Δt 30 = [W]	22,9	31,3	40,7	48,8	60,0
Pipe Centres [mm]	500				
Water content [lt]	0,58	0,85	1,13	1,41	1,70
Dry Weight [kg]	0,85	1,28	1,71	2,14	2,58
Exp. [n]	1,283	1,302	1,305	1,328	1,300

Height (mm)	Columns				
656	2	3	4	5	6
Δt 60 = [W]	64,7	90,0	116,5	141,5	170,2
Δt 50 = [W]	51,0	70,8	91,6	111,0	134,5
Δt 40 = [W]	38,2	52,8	68,2	82,5	100,8
Δt 30 = [W]	26,3	36,2	46,6	56,3	69,5
Pipe Centres [mm]	600				
Water content [lt]	0,66	0,97	1,29	1,61	1,90
Dry Weight [kg]	0,99	1,49	1,99	2,50	3,00
Exp. [n]	1,297	1,314	1,320	1,331	1,292

Height (mm)	Columns				
756	2	3	4	5	6
Δt 60 = [W]	73,7	102,7	132,2	160,3	192,0
Δt 50 = [W]	58,0	80,6	103,6	125,7	152,0
Δt 40 = [W]	43,3	60,0	76,9	93,3	114,1
Δt 30 = [W]	29,7	41,0	52,4	63,6	78,9
Pipe Centres [mm]	700				
Water content [lt]	0,74	1,09	1,45	1,81	2,20
Dry Weight [kg]	1,13	1,70	2,28	2,85	3,42
Exp. [n]	1,311	1,325	1,336	1,335	1,283

Height (mm)	Columns				
856	2	3	4	5	6
Δt 60 = [W]	82,8	115,3	147,9	178,8	213,2
Δt 50 = [W]	65,1	90,4	115,6	140,1	169,0
Δt 40 = [W]	48,4	67,1	85,5	103,9	127,2
Δt 30 = [W]	33,1	45,7	58,0	70,7	88,1
Pipe Centres [mm]	800				
Water content [lt]	0,82	1,21	1,61	2,01	2,40
Dry Weight [kg]	1,27	1,91	2,56	3,20	3,85
Exp. [n]	1,324	1,337	1,352	1,338	1,275

Height (mm)	Columns				
1656	2	3	4	5	6
Δt 60 = [W]	157,6	213,2	268,0	324,0	378,0
Δt 50 = [W]	123,1	166,7	209,7	251,9	292,5
Δt 40 = [W]	91,0	123,3	155,3	185,1	213,7
Δt 30 = [W]	61,6	83,6	105,5	124,4	142,6
Pipe Centres [mm]	1600				
Water content [lt]	1,46	2,18	2,90	3,62	4,36
Dry Weight [kg]	2,40	3,61	4,81	6,02	7,23
Exp. [n]	1,355	1,350	1,346	1,381	1,407

Height (mm)	Columns				
1856	2	3	4	5	6
Δt 60 = [W]	177,2	236,6	298,7	358,3	413,0
Δt 50 = [W]	138,4	185,5	233,3	279,3	320,4
Δt 40 = [W]	102,3	137,6	172,3	205,9	234,8
Δt 30 = [W]	69,3	93,6	116,7	139,0	157,3
Pipe Centres [mm]	1800				
Water content [lt]	1,62	2,42	3,22	4,02	4,84
Dry Weight [kg]	2,69	4,04	5,40	6,75	8,11
Exp. [n]	1,355	1,338	1,356	1,366	1,392

Height (mm)	Columns				
2056	2	3	4	5	6
Δt 60 = [W]	197,4	260,1	329,6	392,4	446,4
Δt 50 = [W]	154,2	204,3	256,9	306,7	347,2
Δt 40 = [W]	114,0	151,9	189,4	226,9	255,3
Δt 30 = [W]	77,2	103,7	127,8	153,8	171,8
Pipe Centres [mm]	2000				
Water content [lt]	1,78	2,66	3,54	4,42	5,29
Dry Weight [kg]	2,98	4,47	5,96	7,45	8,95
Exp. [n]	1,355	1,326	1,366	1,351	1,378

Height (mm)	Columns				
586	2	3	4	5	6
Δt 60 = [W]	58,3	81,0	105,4	128,3	154,5
Δt 50 = [W]	46,1	63,8	83,0	100,7	121,9
Δt 40 = [W]	34,6	47,7	62,0	74,8	91,3
Δt 30 = [W]	23,9	32,8	42,5	51,1	62,8
Pipe Centres [mm]	530				
Water content [lt]	0,60	0,89	1,18	1,47	1,77
Dry Weight [kg]	0,89	1,34	1,79	2,24	2,70
Exp. [n]	1,287	1,306	1,309	1,329	1,298

Height (mm)	Columns				
626	2	3	4	5	6
Δt 60 = [W]	61,9	86,1	111,7	135,9	163,5
Δt 50 = [W]	48,9	67,8	87,9	106,6	129,1
Δt 40 = [W]	36,7	50,6	65,5	79,2	96,7
Δt 30 = [W]	25,3	34,7	44,9	54,0	66,7
Pipe Centres [mm]	570				
Water content [lt]	0,63	0,94	1,24	1,55	1,85
Dry Weight [kg]	0,95	1,43	1,91	2,39	2,87
Exp. [n]	1,292	1,310	1,316	1,330	1,294

Height (mm)	Columns				
786	2	3	4	5	6
Δt 60 = [W]	76,4	106,5	136,9	165,9	198,4
Δt 50 = [W]	60,1	83,6	107,2	130,0	157,1
Δt 40 = [W]	44,9	62,1	79,5	96,5	118,1
Δt 30 = [W]	30,7	42,4	54,1	65,7	81,7
Pipe Centres [mm]	730				
Water content [lt]	0,76	1,13	1,50	1,87	2,25
Dry Weight [kg]	1,18	1,77	2,37	2,97	3,56
Exp. [n]	1,315	1,329	1,341	1,335	1,281

Height (mm)	Columns				
926	2	3	4	5	6
Δt 60 = [W]	89,2	124,1	158,7	191,7	228,1
Δt 50 = [W]	70,0	97,2	123,9	150,1	180,7
Δt 40 = [W]	52,0	72,0	91,5	111,3	135,9
Δt 30 = [W]	35,4	48,9	61,9	75,6	94,1
Pipe Centres [mm]	870				
Water content [lt]	0,78	1,26	1,70	2,13	2,56
Dry Weight [kg]	1,29	1,95	2,60	3,26	3,92
Exp. [n]	1,332	1,343	1,358	1,342	1,277



Pipe Centres for replacing **CAST IRON** radiators



Pipe Centres for replacing **ALUMINIUM** radiators



Pipe Centres for replacing **LAMELLAR and PANEL** radiators



ARDESIA®

2 COLUMNS



page **14**

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES



HOW TO ORDER ARDESIA® 2 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr of columns E.g.: Ardesia® 2 columns	Nr of Elements E.g.: 19 elements	Height in mm Example: 207 mm	Code of the connection Example: connection D1	Code of the colour Example: H48 - Dove	Constant value
AR2	19	0207	D01	H48	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR2 ARDESIA® 2 COLUMNS

19 19 elements (see the table shown on the side)

0207 Height 207 mm (see the table shown on the side)

D01 connection D1 (see page 212-213)

H48 colour H48 - Dove (see page 486)

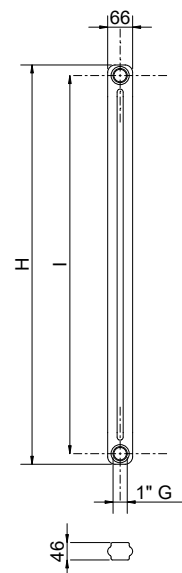
A (Constant value)

The article code will be:

AR2 19 0207 D01 H48 A

TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe centres I [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	22,2	32,1	41,5	50,6	59,6	73,2	86,9	95,9	114,3	142,6	171,7	191,7	212,3	244,4
(75/65/20°C) ΔT 50 = W	17,5	25,6	33	40,1	47,1	57,6	68,1	75,2	89,5	111,4	134,1	149,8	165,9	190,9
(65/55/20°C) ΔT 40 = W	13,1	19,4	24,9	30,2	35,3	43	50,6	55,8	66,3	82,3	99,1	110,7	122,6	141,1
(55/45/20°C) ΔT 30 = W	9	13,5	17,3	20,9	24,4	29,5	34,5	38	45,1	55,8	67,1	75	83	95,5
Water content [lt]	0,29	0,37	0,45	0,53	0,61	0,73	0,85	0,93	1,09	1,33	1,58	1,74	1,9	2,14
Dry Weight [kg]	0,35	0,49	0,63	0,77	0,91	1,12	1,33	1,48	1,76	2,18	2,6	2,89	3,17	3,59
Exp. [n]	1,303	1,247	1,261	1,275	1,289	1,31	1,331	1,335	1,343	1,355	1,355	1,355	1,355	1,355
Nominal flow rate [kg/h]	1,5	2,2	2,8	3,4	4,1	5	5,9	6,5	7,7	9,6	11,5	12,9	14,3	16,4
Radiation quote [%]	30	25	25	25	24	24	24	24	23	23	22	22	22	22
Surface [m²]	0,03	0,05	0,06	0,08	0,09	0,12	0,14	0,15	0,18	0,23	0,28	0,31	0,34	0,38



2 COLUMNS STANDARD HEIGHTS

Elements Width [mm]	HEIGHTS [mm]													
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
3														
138 mm	W	53	77	99	120	141	173	204	226	269	334	402	449	573
4														
184 mm	W	70	102	132	160	188	230	272	301	358	446	536	599	764
5														
230 mm	W	88	128	165	201	236	288	341	376	448	557	671	749	955
6														
276 mm	W	105	154	198	241	283	346	409	451	537	668	805	899	1145
7														
322 mm	W	123	179	231	281	330	403	477	526	627	780	939	1049	1336
8														
368 mm	W	140	205	264	321	377	461	545	602	716	891	1073	1198	1527
9														
414 mm	W	158	230	297	361	424	518	613	677	806	1003	1207	1348	1718
10														
460 mm	W	175	256	330	401	471	576	681	752	895	1114	1341	1498	1909
11														
506 mm	W	193	282	363	441	518	634	749	827	985	1225	1475	1648	2100
12														
552 mm	W	210	307	396	481	565	691	817	902	1074	1337	1609	1798	2291
13														
598 mm	W	228	333	429	521	612	749	885	978	1164	1448	1743	1947	2482
14														
644 mm	W	245	358	462	561	659	806	953	1053	1253	1560	1877	2097	2673
15														
690 mm	W	263	384	495	602	707	864	1022	1128	1343	1671	2012	2247	2864
16														
736 mm	W	280	410	528	642	754	922	1090	1203	1432	1782	2146	2397	3054
17														
782 mm	W	298	435	561	682	801	979	1158	1278	1522	1894	2280	2547	3245
18														
828 mm	W	315	461	594	722	848	1037	1226	1354	1611	2005	2414	2696	3436
19														
874 mm	W	333	486	627	762	895	1094	1294	1429	1701	2117	2548	2846	3627
20														
920 mm	W	350	512	660	802	942	1152	1362	1504	1790	2228	2682	2996	3818
21														
966 mm	W	368	538	693	842	989	1210	1430	1579	1880	2339	2816	3146	4009
22														
1012 mm	W	385	563	726	882	1036	1267	1498	1654	1969	2451	2950	3296	4200
23														
1058 mm	W	403	589	759	922	1083	1325	1566	1730	2059	2562	3084	3445	4391
24														
1104 mm	W	420	614	792	962	1130	1382	1634	1805	2148	2674	3218	3595	4582
25														
1150 mm	W	438	640	825	1003	1178	1440	1703	1880	2238	2785	3353	3745	4773
26														
1196 mm	W	455	666	858	1043	1225	1498	1771	1955	2327	2896	3487	3895	4963
27														
1242 mm	W	473	691	891	1083	1272	1555	1839	2030	2417	3008	3621	4045	5154
28														
1288 mm	W	490	717	924	1123	1319	1613	1907	2106	2506	3119	3755	4194	5345
29														
1344 mm	W	508	742	957	1163	1366	1670	1975	2181	2596	3231	3889	4344	5536
30														
1380 mm	W	525	768	990	1203	1413	1728	2043	2256	2685	3342	4023	4494	5727
31														
1426 mm	W	543	794	1023	1243	1460	1786	2111	2331	2775	3453	4157	4644	5918
32														
1472 mm	W	560	819	1056	1283	1507	1843	2179	2406	2864	3565	4291	4794	6109
33														
1518 mm	W	578	845	1089	1323	1554	1901	2247	2482	2954	3676	4425	4943	6300
34														
1564 mm	W	595	870	1122	1363	1601	1958	2315	2557	3043	3788	4559	5093	6491
35														
1610 mm	W	613	896	1155	1404	1649	2016	2384	2632	3133	3899	4694	5243	6682
36														
1656 mm	W	630	922	1188	1444	1696	2074	2452	2707	3222	4010	4828	5393	6872
37														
1702 mm	W	648	947	1221	1484	1743	2131	2520	2782	3312	4122	4962	5543	7063
38														
1748 mm	W	665	973	1254	1524	1790	2189	2588	2858	3401	4233	5096	5692	7254
39														
1794 mm	W	683	998	1287	1564	1837	2246	2656	2933	3491	4345	5230	5842	7445
40														
1840 mm	W	700	1024	1320	1604	1884	2304	2724	3008	3580	4456	5364	5992	7636

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 85 sections with lateral connection, see probes kit at page 465.



ARDESIA® 3 COLUMNS



page **16**

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes $\varnothing$ 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

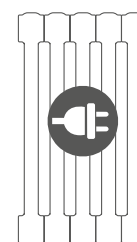
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart on page 486.

Functioning:	Hot water	Maximum working pressure	10 bar	Temperature max	110°C	Hub	1"
	electric (see page 300)	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES



ELECTRIC VERSION
AVAILABLE
SEE PAGE 300

HOW TO ORDER ARDESIA® 3 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

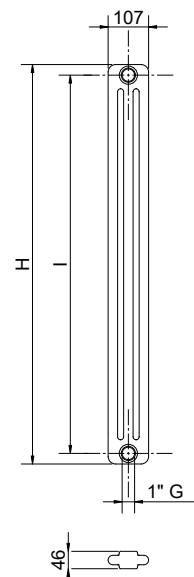
Model and nr of columns E.g.: Ardesia® 3 columns	Nr of Elements E.g.: 21 elements	Height in mm Example: 750 mm	Code of the connection Example: connection D8	Code of the colour Example: R01 - White	Constant value
AR3	21	0750	D08	R01	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:
AR3.....ARDESIA® 3 COLUMNS
21.....21 elements (see the table shown on the side)
0750.....Height 750 mm (see the table shown on the side)
D08.....connection D8 (see page 212-213)
R01.....colour R01 - White (see page 486)
A.....(Constant value)
 The article code will be:
AR3 21 0750 D08 R01 A

TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe centres I [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	31,5	43,7	56,9	69,9	82,8	101,9	120,9	133,3	157,9	194,6	230,1	253,6	276,9	311,7
(75/65/20°C) ΔT 50 = W	24,8	34,7	45,1	55,2	65,2	80	94,6	104,3	123,5	151,9	180,2	199	217,8	245,9
(65/55/20°C) ΔT 40 = W	18,5	26,1	33,8	41,4	48,7	59,6	70,2	77,3	91,3	112,2	133,6	147,9	162,3	184
(55/45/20°C) ΔT 30 = W	12,7	18,1	23,4	28,5	33,5	40,7	47,7	52,5	61,9	75,9	90,8	100,9	111,1	126,6
Water content [lt]	0,42	0,54	0,66	0,79	0,91	1,09	1,27	1,39	1,63	1,99	2,35	2,59	2,83	3,19
Dry Weight [kg]	0,53	0,74	0,95	1,16	1,37	1,69	2,01	2,22	2,64	3,28	3,91	4,33	4,76	5,39
Exp. [n]	1,314	1,273	1,284	1,296	1,307	1,325	1,342	1,345	1,35	1,359	1,341	1,33	1,318	1,301
Nominal flow rate [kg/h]	2,1	3	3,9	4,7	5,6	6,9	8,1	9	10,6	13,1	15,5	17,1	18,7	21,1
Radiation quote [%]	23	23	23	22	22	21	21	21	21	20	20	19	19	18
Surface [m²]	0,05	0,07	0,1	0,12	0,14	0,18	0,21	0,23	0,28	0,35	0,41	0,46	0,5	0,57



3 COLUMNS STANDARD HEIGHTS



Elements Width [mm]	HEIGHTS [mm]														
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500	
3															
138 mm	W	74	104	135	166	196	240	284	313	371	456	541	597	653	738
4															
184 mm	W	99	139	180	221	261	320	378	417	494	608	721	796	871	984
5															
230 mm	W	124	174	226	276	326	400	473	522	618	760	901	995	1089	1230
6															
276 mm	W	149	208	271	331	391	480	568	626	741	911	1081	1194	1307	1475
7															
322 mm	W	174	243	316	386	456	560	662	730	865	1063	1261	1393	1525	1721
8															
368 mm	W	198	278	361	442	522	640	757	834	988	1215	1442	1592	1742	1967
9															
414 mm	W	223	312	406	497	587	720	851	939	1112	1367	1622	1791	1960	2213
10															
460 mm	W	248	347	451	552	652	800	946	1043	1235	1519	1802	1990	2178	2459
11															
506 mm	W	273	382	496	607	717	880	1041	1147	1359	1671	1982	2189	2396	2705
12															
552 mm	W	298	416	541	662	782	960	1135	1252	1482	1823	2162	2388	2614	2951
13															
598 mm	W	322	451	586	718	848	1040	1230	1356	1606	1975	2343	2587	2831	3197
14															
644 mm	W	347	486	631	773	913	1120	1324	1460	1729	2127	2523	2786	3049	3443
15															
690 mm	W	372	521	677	828	978	1200	1419	1565	1853	2279	2703	2985	3267	3689
16															
736 mm	W	397	555	722	883	1043	1280	1514	1669	1976	2430	2883	3184	3485	3934
17															
782 mm	W	422	590	767	938	1108	1360	1608	1773	2100	2582	3063	3383	3703	4180
18															
828 mm	W	446	625	812	994	1174	1440	1703	1877	2223	2734	3244	3582	3920	4426
19															
874 mm	W	471	659	857	1049	1239	1520	1797	1982	2347	2886	3424	3781	4138	4672
20															
920 mm	W	496	694	902	1104	1304	1600	1892	2086	2470	3038	3604	3980	4356	4918
21															
966 mm	W	521	729	947	1159	1369	1680	1987	2190	2594	3190	3784	4179	4574	5164
22															
1012 mm	W	546	763	992	1214	1434	1760	2081	2295	2717	3342	3964	4378	4792	5410
23															
1058 mm	W	570	798	1037	1270	1500	1840	2176	2399	2841	3494	4145	4577	5009	5656
24															
1104 mm	W	595	833	1082	1325	1565	1920	2270	2503	2964	3646	4325	4776	5227	5902
25															
1150 mm	W	620	868	1128	1380	1630	2000	2365	2608	3088	3798	4505	4975	5445	6148
26															
1196 mm	W	645	902	1173	1435	1695	2080	2460	2712	3211	3949	4685	5174	5663	6393
27															
1242 mm	W	670	937	1218	1490	1760	2160	2554	2816	3335	4101	4865	5373	5881	6639
28															
1288 mm	W	694	972	1263	1546	1826	2240	2649	2920	3458	4253	5046	5572	6098	6885
29															
1344 mm	W	719	1006	1308	1601	1891	2320	2743	3025	3582	4405	5226	5771	6316	7131
30															
1380 mm	W	744	1041	1353	1656	1956	2400	2838	3129	3705	4557	5406	5970	6534	7377
31															
1426 mm	W	769	1076	1398	1711	2021	2480	2933	3233	3829	4709	5586	6169	6752	7623
32															
1472 mm	W	794	1110	1443	1766	2086	2560	3027	3338	3952	4861	5766	6368	6970	7869
33															
1518 mm	W	818	1145	1488	1822	2152	2640	3122	3442	4076	5013	5947	6567	7187	8115
34															
1564 mm	W	843	1180	1533	1877	2217	2720	3216	3546	4199	5165	6127	6766	7405	8361
35															
1610 mm	W	868	1215	1579	1932	2282	2800	3311	3651	4323	5317	6307	6965	7623	8607
36															
1656 mm	W	893	1249	1624	1987	2347	2880	3406	3755	4446	5468	6487	7164	7841	8852
37															
1702 mm	W	918	1284	1669	2042	2412	2960	3500	3859	4570	5620	6667	7363	8059	9098
38															
1748 mm	W	942	1319	1714	2098	2478	3040	3595	3963	4693	5772	6848	7562	8276	9344
39															
1794 mm	W	967	1353	1759	2153	2543	3120	3689	4068	4817	5924	7028	7761	8494	9590
40															
1840 mm	W	992	1388	1804	2208	2608	3200	3784	4172	4940	6076	7208	7960	8712	9836

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 83 sections with lateral connection, see probes kit at page 465.



ARDESIA®

4 COLUMNS



page 18

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES



HOW TO ORDER ARDESIA® 4 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

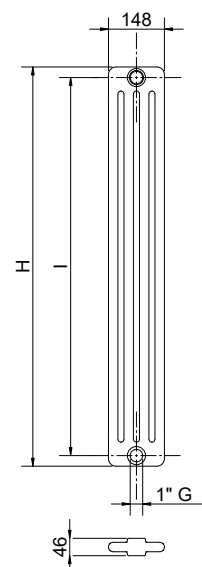
Model and nr of columns E.g.: Ardesia® 4 columns	Nr of Elements E.g.: 12 elements	Height in mm Example: 1200 mm	Code of the connection Example: connection M2	Code of the colour Example: S20 - Jasmine	Constant value
AR4	12	1200	M02	S20	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:
AR4 ARDESIA® 4 COLUMNS
12 12 elements (see the table shown on the side)
1200 Height 1200 mm (see the table shown on the side)
M02 connection M2 (see page 212-213)
S20 colour S20 - Jasmine (see page 486)
A (Constant value)
 The article code will be:
AR4 12 1200 M02 S20 A

TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe centres I [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	40,7	58,9	75,5	91,7	107,6	131,3	154,8	169,9	199,7	244,3	290,1	320,9	352,1	399,6
(75/65/20°C) ΔT 50 = W	32	46,8	59,8	72,4	84,7	102,9	120,8	132,7	156,2	191,4	226,6	250,3	274,1	310,2
(65/55/20°C) ΔT 40 = W	23,9	35,3	44,9	54,2	63,2	76,4	89,2	98,1	115,6	142	167,6	184,6	201,7	227,5
(55/45/20°C) ΔT 30 = W	16,3	24,5	31,1	37,3	43,4	52	60,4	66,4	78,5	96,6	113,5	124,7	135,9	152,5
Water content [lt]	0,56	0,72	0,88	1,04	1,2	1,44	1,68	1,84	2,17	2,65	3,13	3,45	3,77	4,25
Dry Weight [kg]	0,71	0,99	1,27	1,55	1,84	2,26	2,68	2,96	3,53	4,37	5,22	5,78	6,35	7,19
Exp. [n]	1,317	1,265	1,28	1,296	1,312	1,335	1,359	1,355	1,348	1,338	1,353	1,364	1,374	1,389
Nominal flow rate [kg/h]	2,8	4	5,1	6,2	7,3	8,8	10,4	11,4	13,4	16,5	19,5	21,5	23,6	26,7
Radiation quote [%]	20	20	19	19	19	19	18	18	18	17	17	16	16	15
Surface [m²]	0,07	0,1	0,13	0,16	0,19	0,23	0,28	0,31	0,37	0,46	0,55	0,61	0,67	0,76



4 COLUMNS STANDARD HEIGHTS



Elements Width [mm]	HEIGHTS [mm]														
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500	
3															
138 mm	W	96	140	179	217	254	309	362	398	469	574	680	751	822	931
4															
184 mm	W	128	187	239	290	339	412	483	531	625	766	906	1001	1096	1241
5															
230 mm	W	160	234	299	362	424	515	604	664	781	957	1133	1252	1371	1551
6															
276 mm	W	192	281	359	434	508	617	725	796	937	1148	1360	1502	1645	1861
7															
322 mm	W	224	328	419	507	593	720	846	929	1093	1340	1586	1752	1919	2171
8															
368 mm	W	256	374	478	579	678	823	966	1062	1250	1531	1813	2002	2193	2482
9															
414 mm	W	288	421	538	652	762	926	1087	1194	1406	1723	2039	2253	2467	2792
10															
460 mm	W	320	468	598	724	847	1029	1208	1327	1562	1914	2266	2503	2741	3102
11															
506 mm	W	352	515	658	796	932	1132	1329	1460	1718	2105	2493	2753	3015	3412
12															
552 mm	W	384	562	718	869	1016	1235	1450	1592	1874	2297	2719	3004	3289	3722
13															
598 mm	W	416	608	777	941	1101	1338	1570	1725	2031	2488	2946	3254	3563	4033
14															
644 mm	W	448	655	837	1014	1186	1441	1691	1858	2187	2680	3172	3504	3837	4343
15															
690 mm	W	480	702	897	1086	1271	1544	1812	1991	2343	2871	3399	3755	4112	4653
16															
736 mm	W	512	749	957	1158	1355	1646	1933	2123	2499	3062	3626	4005	4386	4963
17															
782 mm	W	544	796	1017	1231	1440	1749	2054	2256	2655	3254	3852	4255	4660	5273
18															
828 mm	W	576	842	1076	1303	1525	1852	2174	2389	2812	3445	4079	4505	4934	5584
19															
874 mm	W	608	889	1136	1376	1609	1955	2295	2521	2968	3637	4305	4756	5208	5894
20															
920 mm	W	640	936	1196	1448	1694	2058	2416	2654	3124	3828	4532	5006	5482	6204
21															
966 mm	W	672	983	1256	1520	1779	2161	2537	2787	3280	4019	4759	5256	5756	6514
22															
1012 mm	W	704	1030	1316	1593	1863	2264	2658	2919	3436	4211	4985	5507	6030	6824
23															
1058 mm	W	736	1076	1375	1665	1948	2367	2778	3052	3593	4402	5212	5757	6304	7135
24															
1104 mm	W	768	1123	1435	1738	2033	2470	2899	3185	3749	4594	5438	6007	6578	7445
25															
1150 mm	W	800	1170	1495	1810	2118	2573	3020	3318	3905	4785	5665	6258	6853	7755
26															
1196 mm	W	832	1217	1555	1882	2202	2675	3141	3450	4061	4976	5892	6508	7127	8065
27															
1242 mm	W	864	1264	1615	1955	2287	2778	3262	3583	4217	5168	6118	6758	7401	8375
28															
1288 mm	W	896	1310	1674	2027	2372	2881	3382	3716	4374	5359	6345	7008	7675	8686
29															
1344 mm	W	928	1357	1734	2100	2456	2984	3503	3848	4530	5551	6571	7259	7949	8996
30															
1380 mm	W	960	1404	1794	2172	2541	3087	3624	3981	4686	5742	6798	7509	8223	9306
31															
1426 mm	W	992	1451	1854	2244	2626	3190	3745	4114	4842	5933	7025	7759	8497	9616
32															
1472 mm	W	1024	1498	1914	2317	2710	3293	3866	4246	4998	6125	7251	8010	8771	9926
33															
1518 mm	W	1056	1544	1973	2389	2795	3396	3986	4379	5155	6316	7478	8260	9045	10237
34															
1564 mm	W	1088	1591	2033	2462	2880	3499	4107	4512	5311	6508	7704	8510	9319	10547
35															
1610 mm	W	1120	1638	2093	2534	2965	3602	4228	4645	5467	6699	7931	8761	9594	10857
36															
1656 mm	W	1152	1685	2153	2606	3049	3704	4349	4777	5623	6890	8158	9011	9868	11167
37															
1702 mm	W	1184	1732	2213	2679	3134	3807	4470	4910	5779	7082	8384	9261	10142	11477
38															
1748 mm	W	1216	1778	2272	2751	3219	3910	4590	5043	5936	7273	8611	9511	10416	11788
39															
1794 mm	W	1248	1825	2332	2824	3303	4013	4711	5175	6092	7465	8837	9762	10690	12098
40															
1840 mm	W	1280	1872	2392	2896	3388	4116	4832	5308	6248	7656	9064	10012	10964	12408

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 80 sections with lateral connection, see probes kit at page 465.

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION
RADIATORS

MY WAY®
ACCESSORIES AND
TECHNICAL SUPPORT



ARDESIA®

5 COLUMNS



page 20

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES



HOW TO ORDER ARDESIA® 5 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

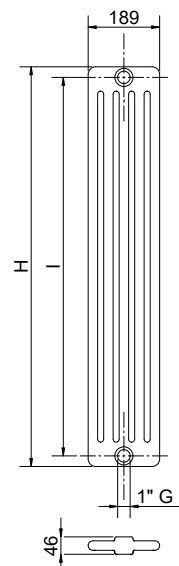
Model and nr of columns E.g.: Ardesia® 5 columns	Nr of Elements E.g.: 10 elements	Height in mm Example: 1800 mm	Code of the connection Example: connection AS8	Code of the colour Example: F37 - Denim Blue	Constant value
AR5	10	1800	AS8	F37	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:
AR5 ARDESIA® 5 COLUMNS
10 10 elements (see the table shown on the side)
1800 Height 1800 mm (see the table shown on the side)
AS8 connection AS8 (see page 212-213)
F37 colour F37 - Denim Blue (see page 486)
A (Constant value)
 The article code will be:
AR5 10 1800 AS8 F37 A

TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe centres I [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	50,5	71,9	92,1	111,7	130,9	159,2	186,9	205,4	242,1	297	348,7	382,9	416,7	467,2
(75/65/20°C) ΔT 50 = W	39,7	56,5	72,4	87,7	102,7	124,8	146,4	160,6	188,8	230,4	271,6	299	326,4	367,4
(65/55/20°C) ΔT 40 = W	29,5	42,1	53,9	65,3	76,4	92,7	108,6	118,9	139,2	168,8	200,1	221	242	273,8
(55/45/20°C) ΔT 30 = W	20,1	28,8	36,8	44,6	52,1	63,1	73,9	80,7	93,9	113,1	134,9	149,6	164,6	187,4
Water content [lt]	0,7	0,9	1,1	1,3	1,5	1,8	2,1	2,3	2,7	3,3	3,91	4,31	4,71	5,31
Dry Weight [kg]	0,89	1,24	1,59	1,95	2,3	2,83	3,36	3,71	4,41	5,47	6,53	7,23	7,94	9
Exp. [n]	1,329	1,32	1,323	1,326	1,329	1,334	1,339	1,348	1,366	1,393	1,37	1,356	1,341	1,318
Nominal flow rate [kg/h]	3,4	4,9	6,2	7,5	8,8	10,7	12,6	13,8	16,2	19,8	23,4	25,7	28,1	31,6
Radiation quote [%]	19	19	18	18	18	18	17	17	16	16	15	14	14	13
Surface [m²]	0,09	0,12	0,16	0,2	0,24	0,29	0,35	0,39	0,46	0,58	0,69	0,77	0,84	0,95



5 COLUMNS STANDARD HEIGHTS

Elements Width [mm]	HEIGHTS [mm]													
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
3														
138 mm	W	119	170	217	263	308	374	439	482	566	691	815	897	1102
4														
184 mm	W	159	226	290	351	411	499	586	642	755	922	1086	1196	1470
5														
230 mm	W	199	283	362	439	514	624	732	803	944	1152	1358	1495	1837
6														
276 mm	W	238	339	434	526	616	749	878	964	1133	1382	1630	1794	2204
7														
322 mm	W	278	396	507	614	719	874	1025	1124	1322	1613	1901	2093	2572
8														
368 mm	W	318	452	579	702	822	998	1171	1285	1510	1843	2173	2392	2939
9														
414 mm	W	357	509	652	789	924	1123	1318	1445	1699	2074	2444	2691	3307
10														
460 mm	W	397	565	724	877	1027	1248	1464	1606	1888	2304	2716	2990	3674
11														
506 mm	W	437	622	796	965	1130	1373	1610	1767	2077	2534	2988	3289	4041
12														
552 mm	W	476	678	869	1052	1232	1498	1757	1927	2266	2765	3259	3588	4409
13														
598 mm	W	516	735	941	1140	1335	1622	1903	2088	2454	2995	3531	3887	4776
14														
644 mm	W	556	791	1014	1228	1438	1747	2050	2248	2643	3226	3802	4186	5144
15														
690 mm	W	596	848	1086	1316	1541	1872	2196	2409	2832	3456	4074	4485	5511
16														
736 mm	W	635	904	1158	1403	1643	1997	2342	2570	3021	3686	4346	4784	5878
17														
782 mm	W	675	961	1231	1491	1746	2122	2489	2730	3210	3917	4617	5083	6246
18														
828 mm	W	715	1017	1303	1579	1849	2246	2635	2891	3398	4147	4889	5382	6613
19														
874 mm	W	754	1074	1376	1666	1951	2371	2782	3051	3587	4378	5160	5681	6981
20														
920 mm	W	794	1130	1448	1754	2054	2496	2928	3212	3776	4608	5432	5980	7348
21														
966 mm	W	834	1187	1520	1842	2157	2621	3074	3373	3965	4838	5704	6279	7715
22														
1012 mm	W	873	1243	1593	1929	2259	2746	3221	3533	4154	5069	5975	6578	8083
23														
1058 mm	W	913	1300	1665	2017	2362	2870	3367	3694	4342	5299	6247	6877	8450
24														
1104 mm	W	953	1356	1738	2105	2465	2995	3514	3854	4531	5530	6518	7176	8818
25														
1150 mm	W	993	1413	1810	2193	2568	3120	3660	4015	4720	5760	6790	7475	9185
26														
1196 mm	W	1032	1469	1882	2280	2670	3245	3806	4176	4909	5990	7062	7774	9552
27														
1242 mm	W	1072	1526	1955	2368	2773	3370	3953	4336	5098	6221	7333	8073	9920
28														
1288 mm	W	1112	1582	2027	2456	2876	3494	4099	4497	5286	6451	7605	8372	10287
29														
1344 mm	W	1151	1639	2100	2543	2978	3619	4246	4657	5475	6682	7876	8671	10655
30														
1380 mm	W	1191	1695	2172	2631	3081	3744	4392	4818	5664	6912	8148	8970	11022
31														
1426 mm	W	1231	1752	2244	2719	3184	3869	4538	4979	5853	7142	8420	9269	11389
32														
1472 mm	W	1270	1808	2317	2806	3286	3994	4685	5139	6042	7373	8691	9568	11757
33														
1518 mm	W	1310	1865	2389	2894	3389	4118	4831	5300	6230	7603	8963	9867	12124
34														
1564 mm	W	1350	1921	2462	2982	3492	4243	4978	5460	6419	7834	9234	10166	12492
35														
1610 mm	W	1390	1978	2534	3070	3595	4368	5124	5621	6608	8064	9506	10465	12859
36														
1656 mm	W	1429	2034	2606	3157	3697	4493	5270	5782	6797	8294	9778	10764	13226
37														
1702 mm	W	1469	2091	2679	3245	3800	4618	5417	5942	6986	8525	10049	11063	13594
38														
1748 mm	W	1509	2147	2751	3333	3903	4742	5563	6103	7174	8755	10321	11362	13961
39														
1794 mm	W	1548	2204	2824	3420	4005	4867	5710	6263	7363	8986	10592	11661	14329
40														
1840 mm	W	1588	2260	2896	3508	4108	4992	5856	6424	7552	9216	10864	11960	14696

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 70 sections with lateral connection, see probes kit at page 465.



ARDESIA®

6 COLUMNS



page **22**

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes $\varnothing$ 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES



HOW TO ORDER ARDESIA® 6 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

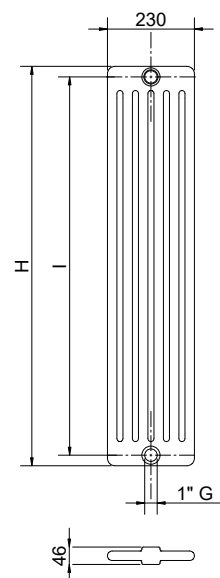
Model and nr of columns E.g.: Ardesia® 6 columns	Nr of Elements E.g.: 35 elements	Height in mm Example: 300 mm	Code of the connection Example: connection 24	Code of the colour Example: F36 - Terra	Constant value
AR6	35	0300	024	F36	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:
AR6 ARDESIA® 6 COLUMNS
35 35 elements (see the table shown on the side)
0300 Height 300 mm (see the table shown on the side)
024 connection 24 (see page 212-213)
F36 colour F36 - Terra (see page 486)
A (Constant value)
 The article code will be:
AR6 35 0300 024 F36 A

TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe centres I [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	61,9	86,1	110,9	134,7	157,6	190,7	222,4	244,2	287,1	349,7	403,4	437,2	469,6	515,6
(75/65/20°C) ΔT 50 = W	48,7	67,7	87,3	106,2	124,5	150,9	176,4	192,9	224,7	270	312,7	339,8	366	403,4
(65/55/20°C) ΔT 40 = W	36,3	50,4	65,1	79,3	93,2	113,3	132,8	144,4	166,5	196,8	229	249,7	269,7	298,8
(55/45/20°C) ΔT 30 = W	24,8	34,5	44,6	54,5	64,2	78,3	92,1	99,5	113,1	130,8	153,2	167,8	182	202,9
Water content [lt]	0,8	1,1	1,3	1,6	1,8	2,2	2,5	2,8	3,2	4	4,7	5,2	5,6	6,4
Dry Weight [kg]	1,07	1,49	1,92	2,34	2,76	3,4	4,03	4,46	5,3	6,57	7,84	8,69	9,53	10,8
Exp. [n]	1,318	1,322	1,313	1,305	1,296	1,284	1,271	1,296	1,345	1,418	1,396	1,382	1,367	1,345
Nominal flow rate [kg/h]	4,2	5,8	7,5	9,1	10,7	13	15,2	16,6	19,3	23,2	26,9	29,2	31,5	34,7
Radiation quote [%]	19	19	18	18	18	17	17	17	16	15	14	14	13	12
Surface [m ²]	0,11	0,15	0,19	0,24	0,29	0,35	0,42	0,47	0,56	0,69	0,83	0,92	1,01	1,14



6 COLUMNS STANDARD HEIGHTS



Elements Width [mm]	HEIGHTS [mm]													
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
3														
138 mm	W	146	203	262	319	374	453	529	579	674	810	938	1019	1210
4														
184 mm	W	195	271	349	425	498	604	706	772	899	1080	1251	1359	1464
5														
230 mm	W	244	339	437	531	623	755	882	965	1124	1350	1564	1699	2017
6														
276 mm	W	292	406	524	637	747	905	1058	1157	1348	1620	1876	2039	2196
7														
322 mm	W	341	474	611	743	872	1056	1235	1350	1573	1890	2189	2379	2562
8														
368 mm	W	390	542	698	850	996	1207	1411	1543	1798	2160	2502	2718	2928
9														
414 mm	W	438	609	786	956	1121	1358	1588	1736	2022	2430	2814	3058	3294
10														
460 mm	W	487	677	873	1062	1245	1509	1764	1929	2247	2700	3127	3398	3660
11														
506 mm	W	536	745	960	1168	1370	1660	1940	2122	2472	2970	3440	3738	4026
12														
552 mm	W	584	812	1048	1274	1494	1811	2117	2315	2696	3240	3752	4078	4392
13														
598 mm	W	633	880	1135	1381	1619	1962	2293	2508	2921	3510	4065	4417	4758
14														
644 mm	W	682	948	1222	1487	1743	2113	2470	2701	3146	3780	4378	4757	5124
15														
690 mm	W	731	1016	1310	1593	1868	2264	2646	2894	3371	4050	4691	5097	5490
16														
736 mm	W	779	1083	1397	1699	1992	2414	2822	3086	3595	4320	5003	5437	5856
17														
782 mm	W	828	1151	1484	1805	2117	2565	2999	3279	3820	4590	5316	5777	6222
18														
828 mm	W	877	1219	1571	1912	2241	2716	3175	3472	4045	4860	5629	6116	6588
19														
874 mm	W	925	1286	1659	2018	2366	2867	3352	3665	4269	5130	5941	6456	6954
20														
920 mm	W	974	1354	1746	2124	2490	3018	3528	3858	4494	5400	6254	6796	7320
21														
966 mm	W	1023	1422	1833	2230	2615	3169	3704	4051	4719	5670	6567	7136	7686
22														
1012 mm	W	1071	1489	1921	2336	2739	3320	3881	4244	4943	5940	6879	7476	8052
23														
1058 mm	W	1120	1557	2008	2443	2864	3471	4057	4437	5168	6210	7192	7815	8418
24														
1104 mm	W	1169	1625	2095	2549	2988	3622	4234	4630	5393	6480	7505	8155	8784
25														
1150 mm	W	1218	1693	2183	2655	3113	3773	4410	4823	5618	6750	7818	8495	9150
26														
1196 mm	W	1266	1760	2270	2761	3237	3923	4586	5015	5842	7020	8130	8835	9516
27														
1242 mm	W	1315	1828	2357	2867	3362	4074	4763	5208	6067	7290	8443	9175	9882
28														
1288 mm	W	1364	1896	2444	2974	3486	4225	4939	5401	6292	7560	8756	9514	10248
29														
1344 mm	W	1412	1963	2532	3080	3611	4376	5116	5594	6516	7830	9068	9854	10614
30														
1380 mm	W	1461	2031	2619	3186	3735	4527	5292	5787	6741	8100	9381	10194	10980
31														
1426 mm	W	1510	2099	2706	3292	3860	4678	5468	5980	6966	8370	9694	10534	11346
32														
1472 mm	W	1558	2166	2794	3398	3984	4829	5645	6173	7190	8640	10006	10874	11712
33														
1518 mm	W	1607	2234	2881	3505	4109	4980	5821	6366	7415	8910	10319	11213	12078
34														
1564 mm	W	1656	2302	2968	3611	4233	5131	5998	6559	7640	9180	10632	11553	12444
35														
1610 mm	W	1705	2370	3056	3717	4358	5282	6174	6752	7865	9450	10945	11893	12810
36														
1656 mm	W	1753	2437	3143	3823	4482	5432	6350	6944	8089	9720	11257	12233	13176
37														
1702 mm	W	1802	2505	3230	3929	4607	5583	6527	7137	8314	9990	11570	12573	13542
38														
1748 mm	W	1851	2573	3317	4036	4731	5734	6703	7330	8539	10260	11883	12912	13908
39														
1794 mm	W	1899	2640	3405	4142	4856	5885	6880	7523	8763	10530	12195	13252	14274
40														
1840 mm	W	1948	2708	3492	4248	4980	6036	7056	7716	8988	10800	12508	13592	14640

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 55 sections with lateral connection, see probes kit at page 465.

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION
RADIATORS

MY WAY®
ACCESSORIES AND
TECHNICAL SUPPORT



ARDESIA®

2 COLUMNS

FOR REPLACEMENT



page **15**

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes $\varnothing$ 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

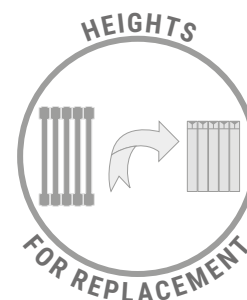
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES



HOW TO ORDER ARDESIA® 2 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

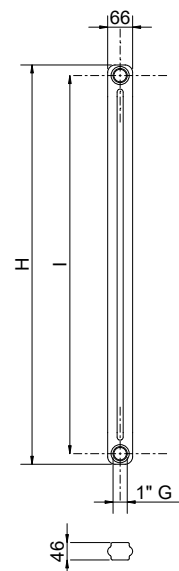
Model and nr of columns E.g.: Ardesia® 2 columns	Nr of Elements E.g.: 12 elements	Height in mm Example: 756 mm	Code of the connection Example: connection 2	Code of the colour Example: H48 - Dove	Constant value
AR2	12	0756	002	H48	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:
AR2 ARDESIA® 2 COLUMNS
12 12 elements (see the table shown on the side)
0756 Height 756 mm (see the table shown on the side)
002 connection 2 (see page 212-213)
H48 colour H48 - Dove (see page 486)
A (Constant value)
 The article code will be:
AR2 12 0756 002 H48 A

TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR and PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	66,5	84,7	55,6	64,7	73,7	82,8	157,6	177,2	197,4	58,3	61,9	76,4	89,2
(75/65/20°C) ΔT 50 = W	52,4	66,5	44	51	58	65,1	123,1	138,4	154,2	46,1	48,9	60,1	70
(65/55/20°C) ΔT 40 = W	39,2	49,4	33,1	38,2	43,3	48,4	91	102,3	114	34,6	36,7	44,9	52
(55/45/20°C) ΔT 30 = W	27	33,7	22,9	26,3	29,7	33,1	61,6	69,3	77,2	23,9	25,3	30,7	35,4
Water content [lt]	0,67	0,83	0,58	0,66	0,74	0,82	1,46	1,62	1,78	0,6	0,63	0,76	0,78
Dry Weight [kg]	1,02	1,3	0,85	0,99	1,13	1,27	2,4	2,69	2,98	0,89	0,95	1,18	1,29
Exp. [n]	1,299	1,327	1,283	1,297	1,311	1,324	1,355	1,355	1,355	1,287	1,292	1,315	1,332
Nominal flow rate [kg/h]	4,5	5,7	3,8	4,4	5	5,6	10,6	11,9	13,3	4	4,2	5,2	6
Radiation quote [%]	24	24	25	25	24	24	23	23	23	25	25	25	24
Surface [m²]	0,11	0,14	0,09	0,1	0,12	0,13	0,25	0,28	0,31	0,09	0,12	0,1	0,14



2 COLUMNS HEIGHTS FOR REPLACEMENT

Elements Width [mm]	CAST IRON			ALUMINIUM							LAMELLAR PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
	Pipe centres	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3														
138 mm	W	157	200	132	153	174	195	369	415	463	138	147	180	210
4														
184 mm	W	210	266	176	204	232	260	492	554	617	184	196	240	280
5														
230 mm	W	262	333	220	255	290	326	616	692	771	231	245	301	350
6														
276 mm	W	314	399	264	306	348	391	739	830	925	277	293	361	420
7														
322 mm	W	367	466	308	357	406	456	862	969	1079	323	342	421	490
8														
368 mm	W	419	532	352	408	464	521	985	1107	1234	369	391	481	560
9														
414 mm	W	472	599	396	459	522	586	1108	1246	1388	415	440	541	630
10														
460 mm	W	524	665	440	510	580	651	1231	1384	1542	461	489	601	700
11														
506 mm	W	576	732	484	561	638	716	1354	1522	1696	507	538	661	770
12														
552 mm	W	629	798	528	612	696	781	1477	1661	1850	553	587	721	840
13														
598 mm	W	681	865	572	663	754	846	1600	1799	2005	599	636	781	910
14														
644 mm	W	734	931	616	714	812	911	1723	1938	2159	645	685	841	980
15														
690 mm	W	786	998	660	765	870	977	1847	2076	2313	692	734	902	1050
16														
736 mm	W	838	1064	704	816	928	1042	1970	2214	2467	738	782	962	1120
17														
782 mm	W	891	1131	748	867	986	1107	2093	2353	2621	784	831	1022	1190
18														
828 mm	W	943	1197	792	918	1044	1172	2216	2491	2776	830	880	1082	1260
19														
874 mm	W	996	1264	836	969	1102	1237	2339	2630	2930	876	929	1142	1330
20														
920 mm	W	1048	1330	880	1020	1160	1302	2462	2768	3084	922	978	1202	1400
21														
966 mm	W	1100	1397	924	1071	1218	1367	2585	2906	3238	968	1027	1262	1470
22														
1012 mm	W	1153	1463	968	1122	1276	1432	2708	3045	3392	1014	1076	1322	1540
23														
1058 mm	W	1205	1530	1012	1173	1334	1497	2831	3183	3547	1060	1125	1382	1610
24														
1104 mm	W	1258	1596	1056	1224	1392	1562	2954	3322	3701	1106	1174	1442	1680
25														
1150 mm	W	1310	1663	1100	1275	1450	1628	3078	3460	3855	1153	1223	1503	1750
26														
1196 mm	W	1362	1729	1144	1326	1508	1693	3201	3598	4009	1199	1271	1563	1820
27														
1242 mm	W	1415	1796	1188	1377	1566	1758	3324	3737	4163	1245	1320	1623	1890
28														
1288 mm	W	1467	1862	1232	1428	1624	1823	3447	3875	4318	1291	1369	1683	1960
29														
1344 mm	W	1520	1929	1276	1479	1682	1888	3570	4014	4472	1337	1418	1743	2030
30														
1380 mm	W	1572	1995	1320	1530	1740	1953	3693	4152	4626	1383	1467	1803	2100
31														
1426 mm	W	1624	2062	1364	1581	1798	2018	3816	4290	4780	1429	1516	1863	2170
32														
1472 mm	W	1677	2128	1408	1632	1856	2083	3939	4429	4934	1475	1565	1923	2240
33														
1518 mm	W	1729	2195	1452	1683	1914	2148	4062	4567	5089	1521	1614	1983	2310
34														
1564 mm	W	1782	2261	1496	1734	1972	2213	4185	4706	5243	1567	1663	2043	2380
35														
1610 mm	W	1834	2328	1540	1785	2030	2279	4309	4844	5397	1614	1712	2104	2450
36														
1656 mm	W	1886	2394	1584	1836	2088	2344	4432	4982	5551	1660	1760	2164	2520
37														
1702 mm	W	1939	2461	1628	1887	2146	2409	4555	5121	5705	1706	1809	2224	2590
38														
1748 mm	W	1991	2527	1672	1938	2204	2474	4678	5259	5860	1752	1858	2284	2660
39														
1794 mm	W	2044	2594	1716	1989	2262	2539	4801	5398	6014	1798	1907	2344	2730
40														
1840 mm	W	2096	2660	1760	2040	2320	2604	4924	5536	6168	1844	1956	2404	2800

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 85 sections with lateral connection, see probes kit at page 465.



ARDESIA®

3 COLUMNS

FOR REPLACEMENT



page **16**

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes $\varnothing$ 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

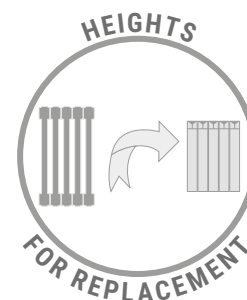
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES



HOW TO ORDER ARDESIA® 3 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

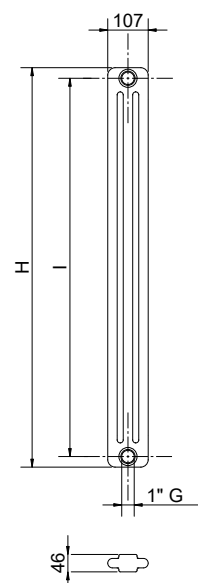
Model and nr of columns E.g.: Ardesia® 3 columns	Nr of Elements E.g.: 14 elements	Height in mm Example: 586 mm	Code of the connection Example: connection 2	Code of the colour Example: R01 - White	Constant value
AR3	14	0586	002	R01	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:
AR3..... ARDESIA® 3 Columns
14..... 14 elements (see the table shown on the side)
0586..... Height 586 mm (see the table shown on the side)
002..... connection 2 (see page 212-213)
R01..... colour R01 - White (see page 486)
A..... (Constant value)
 The article code will be:
AR3 14 0586 002 R01 A

TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR and PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	92,5	117,8	77,2	90	102,7	115,3	213,2	236,6	260,1	81	86,1	106,5	124,1
(75/65/20°C) ΔT 50 = W	72,8	92,3	60,9	70,8	80,6	90,4	166,7	185,5	204,3	63,8	67,8	83,6	97,2
(65/55/20°C) ΔT 40 = W	54,3	68,5	45,5	52,8	60	67,1	123,3	137,6	151,9	47,7	50,6	62,1	72
(55/45/20°C) ΔT 30 = W	37,2	46,6	31,3	36,2	41	45,7	83,6	93,6	103,7	32,8	34,7	42,4	48,9
Water content [lt]	1	1,24	0,85	0,97	1,09	1,21	2,18	2,42	2,66	0,89	0,94	1,13	1,26
Dry Weight [kg]	1,53	1,96	1,28	1,49	1,7	1,91	3,61	4,04	4,47	1,34	1,43	1,77	1,95
Exp. [n]	1,316	1,339	1,302	1,314	1,325	1,337	1,35	1,338	1,326	1,306	1,31	1,329	1,343
Nominal flow rate [kg/h]	6,3	7,9	5,2	6,1	6,9	7,8	14,3	16	17,6	5,5	5,8	7,2	8,4
Radiation quote [%]	22	22	22	22	22	22	20	19	19	22	22	22	21
Surface [m²]	0,16	0,2	0,13	0,15	0,18	0,2	0,38	0,43	0,47	0,14	0,15	0,18	0,22



3 COLUMNS HEIGHTS FOR REPLACEMENT



Elements Width [mm]	CAST IRON			ALUMINIUM							LAMELLAR PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres		620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3														
138 mm	W	218	277	183	212	242	271	500	557	613	191	203	251	292
4														
184 mm	W	291	369	244	283	322	362	667	742	817	255	271	334	389
5														
230 mm	W	364	462	305	354	403	452	834	928	1022	319	339	418	486
6														
276 mm	W	437	554	365	425	484	542	1000	1113	1226	383	407	502	583
7														
322 mm	W	510	646	426	496	564	633	1167	1299	1430	447	475	585	680
8														
368 mm	W	582	738	487	566	645	723	1334	1484	1634	510	542	669	778
9														
414 mm	W	655	831	548	637	725	814	1500	1670	1839	574	610	752	875
10														
460 mm	W	728	923	609	708	806	904	1667	1855	2043	638	678	836	972
11														
506 mm	W	801	1015	670	779	887	994	1834	2041	2247	702	746	920	1069
12														
552 mm	W	874	1108	731	850	967	1085	2000	2226	2452	766	814	1003	1166
13														
598 mm	W	946	1200	792	920	1048	1175	2167	2412	2656	829	881	1087	1264
14														
644 mm	W	1019	1292	853	991	1128	1266	2334	2597	2860	893	949	1170	1361
15														
690 mm	W	1092	1385	914	1062	1209	1356	2501	2783	3065	957	1017	1254	1458
16														
736 mm	W	1165	1477	974	1133	1290	1446	2667	2968	3269	1021	1085	1338	1555
17														
782 mm	W	1238	1569	1035	1204	1370	1537	2834	3154	3473	1085	1153	1421	1652
18														
828 mm	W	1310	1661	1096	1274	1451	1627	3001	3339	3677	1148	1220	1505	1750
19														
874 mm	W	1383	1754	1157	1345	1531	1718	3167	3525	3882	1212	1288	1588	1847
20														
920 mm	W	1456	1846	1218	1416	1612	1808	3334	3710	4086	1276	1356	1672	1944
21														
966 mm	W	1529	1938	1279	1487	1693	1898	3501	3896	4290	1340	1424	1756	2041
22														
1012 mm	W	1602	2031	1340	1558	1773	1989	3667	4081	4495	1404	1492	1839	2138
23														
1058 mm	W	1674	2123	1401	1628	1854	2079	3834	4267	4699	1467	1559	1923	2236
24														
1104 mm	W	1747	2215	1462	1699	1934	2170	4001	4452	4903	1531	1627	2006	2333
25														
1150 mm	W	1820	2308	1523	1770	2015	2260	4168	4638	5108	1595	1695	2090	2430
26														
1196 mm	W	1893	2400	1583	1841	2096	2350	4334	4823	5312	1659	1763	2174	2527
27														
1242 mm	W	1966	2492	1644	1912	2176	2441	4501	5009	5516	1723	1831	2257	2624
28														
1288 mm	W	2038	2584	1705	1982	2257	2531	4668	5194	5720	1786	1898	2341	2722
29														
1344 mm	W	2111	2677	1766	2053	2337	2622	4834	5380	5925	1850	1966	2424	2819
30														
1380 mm	W	2184	2769	1827	2124	2418	2712	5001	5565	6129	1914	2034	2508	2916
31														
1426 mm	W	2257	2861	1888	2195	2499	2802	5168	5751	6333	1978	2102	2592	3013
32														
1472 mm	W	2330	2954	1949	2266	2579	2893	5334	5936	6538	2042	2170	2675	3110
33														
1518 mm	W	2402	3046	2010	2336	2660	2983	5501	6122	6742	2105	2237	2759	3208
34														
1564 mm	W	2475	3138	2071	2407	2740	3074	5668	6307	6946	2169	2305	2842	3305
35														
1610 mm	W	2548	3231	2132	2478	2821	3164	5835	6493	7151	2233	2373	2926	3402
36														
1656 mm	W	2621	3323	2192	2549	2902	3254	6001	6678	7355	2297	2441	3010	3499
37														
1702 mm	W	2694	3415	2253	2620	2982	3345	6168	6864	7559	2361	2509	3093	3596
38														
1748 mm	W	2766	3507	2314	2690	3063	3435	6335	7049	7763	2424	2576	3177	3694
39														
1794 mm	W	2839	3600	2375	2761	3143	3526	6501	7235	7968	2488	2644	3260	3791
40														
1840 mm	W	2912	3692	2436	2832	3224	3616	6668	7420	8172	2552	2712	3344	3888

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 83 sections with lateral connection, see probes kit at page 465.



ARDESIA®

4 COLUMNS

FOR REPLACEMENT



page 19

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes $\varnothing$ 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

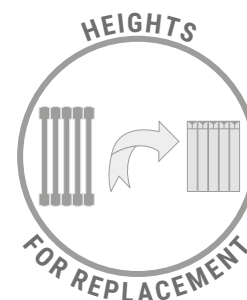
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES



HOW TO ORDER ARDESIA® 4 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

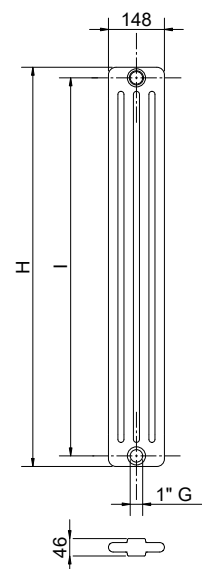
Model and nr of columns E.g.: Ardesia® 4 columns	Nr of Elements E.g.: 18 elements	Height in mm Example: 876 mm	Code of the connection Example: connection 2	Code of the colour Example: S20 - Jasmine	Constant value
AR4	18	0876	002	S20	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:
AR4..... ARDESIA® 4 COLUMNS
18..... 18 elements (see the table shown on the side)
0876..... Height 876 mm (see the table shown on the side)
002..... connection 2 (see page 212-213)
S20..... colour S20 - Jasmine (see page 486)
A..... (Constant value)
 The article code will be:
AR4 18 0876 002 S20 A

TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR and PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	119,6	151	100,6	116,5	132,2	147,9	268	298,7	329,6	105,4	111,7	136,9	158,7
(75/65/20°C) ΔT 50 = W	94	118	79,3	91,6	103,6	115,6	209,7	233,3	256,9	83	87,9	107,2	123,9
(65/55/20°C) ΔT 40 = W	70	87,2	59,3	68,2	76,9	85,5	155,3	172,3	189,4	62	65,5	79,5	91,5
(55/45/20°C) ΔT 30 = W	47,8	59,1	40,7	46,6	52,4	58	105,5	116,7	127,8	42,5	44,9	54,1	61,9
Water content [lt]	1,32	1,65	1,13	1,29	1,45	1,61	2,9	3,22	3,54	1,18	1,24	1,5	1,7
Dry Weight [kg]	2,05	2,61	1,71	1,99	2,28	2,56	4,81	5,4	5,96	1,79	1,91	2,37	2,6
Exp. [n]	1,324	1,355	1,305	1,32	1,336	1,352	1,346	1,356	1,366	1,309	1,316	1,341	1,358
Nominal flow rate [kg/h]	8,1	10,1	6,8	7,9	8,9	9,9	18	20,1	22,1	7,1	7,6	9,2	10,7
Radiation quote [%]	19	19	19	19	19	19	17	16	16	19	19	19	18
Surface [m²]	0,21	0,27	0,18	0,21	0,24	0,27	0,51	0,57	0,63	0,19	0,2	0,25	0,29



4 COLUMNS HEIGHTS FOR REPLACEMENT



Elements Width [mm]	CAST IRON			ALUMINIUM							LAMELLAR PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
	Pipe centres	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3														
138 mm	W	282	354	238	275	311	347	629	700	771	249	264	322	372
4														
184 mm	W	376	472	317	366	414	462	839	933	1028	332	352	429	496
5														
230 mm	W	470	590	397	458	518	578	1049	1167	1285	415	440	536	620
6														
276 mm	W	564	708	476	550	622	694	1258	1400	1541	498	527	643	743
7														
322 mm	W	658	826	555	641	725	809	1468	1633	1798	581	615	750	867
8														
368 mm	W	752	944	634	733	829	925	1678	1866	2055	664	703	858	991
9														
414 mm	W	846	1062	714	824	932	1040	1887	2100	2312	747	791	965	1115
10														
460 mm	W	940	1180	793	916	1036	1156	2097	2333	2569	830	879	1072	1239
11														
506 mm	W	1034	1298	872	1008	1140	1272	2307	2566	2826	913	967	1179	1363
12														
552 mm	W	1128	1416	952	1099	1243	1387	2516	2800	3083	996	1055	1286	1487
13														
598 mm	W	1222	1534	1031	1191	1347	1503	2726	3033	3340	1079	1143	1394	1611
14														
644 mm	W	1316	1652	1110	1282	1450	1618	2936	3266	3597	1162	1231	1501	1735
15														
690 mm	W	1410	1770	1190	1374	1554	1734	3146	3500	3854	1245	1319	1608	1859
16														
736 mm	W	1504	1888	1269	1466	1658	1850	3355	3733	4110	1328	1406	1715	1982
17														
782 mm	W	1598	2006	1348	1557	1761	1965	3565	3966	4367	1411	1494	1822	2106
18														
828 mm	W	1692	2124	1427	1649	1865	2081	3775	4199	4624	1494	1582	1930	2230
19														
874 mm	W	1786	2242	1507	1740	1968	2196	3984	4433	4881	1577	1670	2037	2354
20														
920 mm	W	1880	2360	1586	1832	2072	2312	4194	4666	5138	1660	1758	2144	2478
21														
966 mm	W	1974	2478	1665	1924	2176	2428	4404	4899	5395	1743	1846	2251	2602
22														
1012 mm	W	2068	2596	1745	2015	2279	2543	4613	5133	5652	1826	1934	2358	2726
23														
1058 mm	W	2162	2714	1824	2107	2383	2659	4823	5366	5909	1909	2022	2466	2850
24														
1104 mm	W	2256	2832	1903	2198	2486	2774	5033	5599	6166	1992	2110	2573	2974
25														
1150 mm	W	2350	2950	1983	2290	2590	2890	5243	5833	6423	2075	2198	2680	3098
26														
1196 mm	W	2444	3068	2062	2382	2694	3006	5452	6066	6679	2158	2285	2787	3221
27														
1242 mm	W	2538	3186	2141	2473	2797	3121	5662	6299	6936	2241	2373	2894	3345
28														
1288 mm	W	2632	3304	2220	2565	2901	3237	5872	6532	7193	2324	2461	3002	3469
29														
1344 mm	W	2726	3422	2300	2656	3004	3352	6081	6766	7450	2407	2549	3109	3593
30														
1380 mm	W	2820	3540	2379	2748	3108	3468	6291	6999	7707	2490	2637	3216	3717
31														
1426 mm	W	2914	3658	2458	2840	3212	3584	6501	7232	7964	2573	2725	3323	3841
32														
1472 mm	W	3008	3776	2538	2931	3315	3699	6710	7466	8221	2656	2813	3430	3965
33														
1518 mm	W	3102	3894	2617	3023	3419	3815	6920	7699	8478	2739	2901	3538	4089
34														
1564 mm	W	3196	4012	2696	3114	3522	3930	7130	7932	8735	2822	2989	3645	4213
35														
1610 mm	W	3290	4130	2776	3206	3626	4046	7340	8166	8992	2905	3077	3752	4337
36														
1656 mm	W	3384	4248	2855	3298	3730	4162	7549	8399	9248	2988	3164	3859	4460
37														
1702 mm	W	3478	4366	2934	3389	3833	4277	7759	8632	9505	3071	3252	3966	4584
38														
1748 mm	W	3572	4484	3013	3481	3937	4393	7969	8865	9762	3154	3340	4074	4708
39														
1794 mm	W	3666	4602	3093	3572	4040	4508	8178	9099	10019	3237	3428	4181	4832
40														
1840 mm	W	3760	4720	3172	3664	4144	4624	8388	9332	10276	3320	3516	4288	4956

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 80 sections with lateral connection, see probes kit at page 465.



ARDESIA®

5 COLUMNS

FOR REPLACEMENT



page 20

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

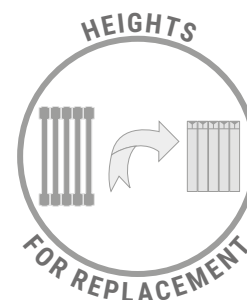
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES



HOW TO ORDER ARDESIA® 5 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr of columns E.g.: Ardesia® 5 columns	Nr of Elements E.g.: 22 elements	Height in mm Example: 556 mm	Code of the connection Example: connection 2	Code of the colour Example: F37 - Denim Blue	Constant value
AR5	22	0556	002	F37	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR5..... ARDESIA® 5 Columns

22..... 22 elements (see the table shown on the side)

0556..... Height 556 mm (see the table shown on the side)

002..... connection 2 (see page 212-213)

F37..... colour F37 - Denim Blue (see page 486)

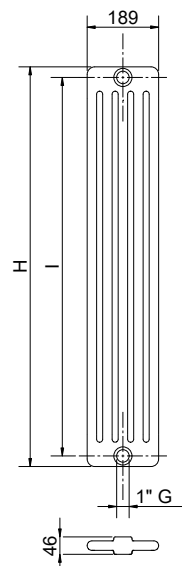
A..... (Constant value)

The article code will be:

AR5 22 0556 002 F37 A

TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR and PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	145,3	182,5	122,5	141,5	160,3	178,8	324	358,3	392,4	128,3	135,9	165,9	191,7
(75/65/20°C) ΔT 50 = W	114	143	96,2	111	125,7	140,1	251,9	279,3	306,7	100,7	106,6	130	150,1
(65/55/20°C) ΔT 40 = W	84,7	106,1	71,5	82,5	93,3	103,9	185,1	205,9	226,9	74,8	79,2	96,5	111,3
(55/45/20°C) ΔT 30 = W	57,7	72,2	48,8	56,3	63,6	70,7	124,4	139	153,8	51,1	54	65,7	75,6
Water content [lt]	1,65	2,05	1,41	1,61	1,81	2,01	3,62	4,02	4,42	1,47	1,55	1,87	2,13
Dry Weight [kg]	2,57	3,27	2,14	2,5	2,85	3,2	6,02	6,75	7,45	2,24	2,39	2,97	3,26
Exp. [n]	1,332	1,338	1,328	1,331	1,335	1,338	1,381	1,366	1,351	1,329	1,33	1,335	1,342
Nominal flow rate [kg/h]	9,8	12,3	8,3	9,5	10,8	12	21,7	24	26,4	8,7	9,2	11,2	12,9
Radiation quote [%]	18	17	18	18	18	17	15	15	14	18	18	17	17
Surface [m²]	0,27	0,34	0,22	0,26	0,3	0,33	0,64	0,71	0,79	0,23	0,25	0,31	0,36



5 COLUMNS HEIGHTS FOR REPLACEMENT



Elements Width [mm]	CAST IRON			ALUMINIUM							LAMELLAR PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres		620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3														
138 mm	W	342	429	289	333	377	420	756	838	920	302	320	390	450
4														
184 mm	W	456	572	385	444	503	560	1008	1117	1227	403	426	520	600
5														
230 mm	W	570	715	481	555	629	701	1260	1397	1534	504	533	650	751
6														
276 mm	W	684	858	577	666	754	841	1511	1676	1840	604	640	780	901
7														
322 mm	W	798	1001	673	777	880	981	1763	1955	2147	705	746	910	1051
8														
368 mm	W	912	1144	770	888	1006	1121	2015	2234	2454	806	853	1040	1201
9														
414 mm	W	1026	1287	866	999	1131	1261	2267	2514	2760	906	959	1170	1351
10														
460 mm	W	1140	1430	962	1110	1257	1401	2519	2793	3067	1007	1066	1300	1501
11														
506 mm	W	1254	1573	1058	1221	1383	1541	2771	3072	3374	1108	1173	1430	1651
12														
552 mm	W	1368	1716	1154	1332	1508	1681	3023	3352	3680	1208	1279	1560	1801
13														
598 mm	W	1482	1859	1251	1443	1634	1821	3275	3631	3987	1309	1386	1690	1951
14														
644 mm	W	1596	2002	1347	1554	1760	1961	3527	3910	4294	1410	1492	1820	2101
15														
690 mm	W	1710	2145	1443	1665	1886	2102	3779	4190	4601	1511	1599	1950	2252
16														
736 mm	W	1824	2288	1539	1776	2011	2242	4030	4469	4907	1611	1706	2080	2402
17														
782 mm	W	1938	2431	1635	1887	2137	2382	4282	4748	5214	1712	1812	2210	2552
18														
828 mm	W	2052	2574	1732	1998	2263	2522	4534	5027	5521	1813	1919	2340	2702
19														
874 mm	W	2166	2717	1828	2109	2388	2662	4786	5307	5827	1913	2025	2470	2852
20														
920 mm	W	2280	2860	1924	2220	2514	2802	5038	5586	6134	2014	2132	2600	3002
21														
966 mm	W	2394	3003	2020	2331	2640	2942	5290	5865	6441	2115	2239	2730	3152
22														
1012 mm	W	2508	3146	2116	2442	2765	3082	5542	6145	6747	2215	2345	2860	3302
23														
1058 mm	W	2622	3289	2213	2553	2891	3222	5794	6424	7054	2316	2452	2990	3452
24														
1104 mm	W	2736	3432	2309	2664	3017	3362	6046	6703	7361	2417	2558	3120	3602
25														
1150 mm	W	2850	3575	2405	2775	3143	3503	6298	6983	7668	2518	2665	3250	3753
26														
1196 mm	W	2964	3718	2501	2886	3268	3643	6549	7262	7974	2618	2772	3380	3903
27														
1242 mm	W	3078	3861	2597	2997	3394	3783	6801	7541	8281	2719	2878	3510	4053
28														
1288 mm	W	3192	4004	2694	3108	3520	3923	7053	7820	8588	2820	2985	3640	4203
29														
1344 mm	W	3306	4147	2790	3219	3645	4063	7305	8100	8894	2920	3091	3770	4353
30														
1380 mm	W	3420	4290	2886	3330	3771	4203	7557	8379	9201	3021	3198	3900	4503
31														
1426 mm	W	3534	4433	2982	3441	3897	4343	7809	8658	9508	3122	3305	4030	4653
32														
1472 mm	W	3648	4576	3078	3552	4022	4483	8061	8938	9814	3222	3411	4160	4803
33														
1518 mm	W	3762	4719	3175	3663	4148	4623	8313	9217	10121	3323	3518	4290	4953
34														
1564 mm	W	3876	4862	3271	3774	4274	4763	8565	9496	10428	3424	3624	4420	5103
35														
1610 mm	W	3990	5005	3367	3885	4400	4904	8817	9776	10735	3525	3731	4550	5254
36														
1656 mm	W	4104	5148	3463	3996	4525	5044	9068	10055	11041	3625	3838	4680	5404
37														
1702 mm	W	4218	5291	3559	4107	4651	5184	9320	10334	11348	3726	3944	4810	5554
38														
1748 mm	W	4332	5434	3656	4218	4777	5324	9572	10613	11655	3827	4051	4940	5704
39														
1794 mm	W	4446	5577	3752	4329	4902	5464	9824	10893	11961	3927	4157	5070	5854
40														
1840 mm	W	4560	5720	3848	4440	5028	5604	10076	11172	12268	4028	4264	5200	6004

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 70 sections with lateral connection, see probes kit at page 465.



ARDESIA®

6 COLUMNS

FOR REPLACEMENT



page **22**

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes $\varnothing$ 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

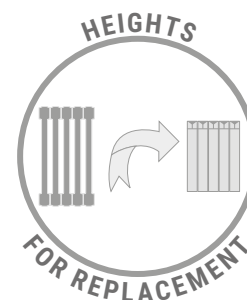
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES



HOW TO ORDER ARDESIA® 6 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

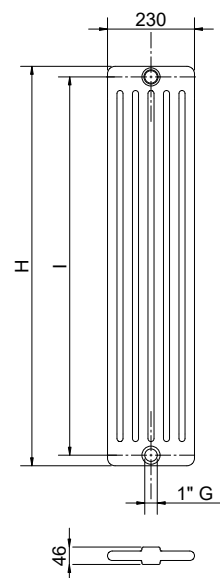
Model and nr of columns E.g.: Ardesia® 6 columns	Nr of Elements E.g.: 18 elements	Height in mm Example: 676 mm	Code of the connection Example: connection 2	Code of the colour Example: F36 - Terra	Constant value
AR6	18	0676	002	F36	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:
AR6..... ARDESIA® 6 Columns
18..... 18 elements (see the table shown on the side)
0676..... Height 676 mm (see the table shown on the side)
002..... connection 2 (see page 212-213)
F36..... colour F36 - Terra (see page 486)
A..... (Constant value)
 The article code will be:
AR6 18 0676 002 F36 A

TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR and PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	174,6	217,4	147,6	170,2	192	213,2	378	413	446,4	154,5	163,5	198,4	228,1
(75/65/20°C) ΔT 50 = W	138	172,4	116,5	134,5	152	169	292,5	320,4	347,2	121,9	129,1	157,1	180,7
(65/55/20°C) ΔT 40 = W	103,5	129,7	87,1	100,8	114,1	127,2	213,7	234,8	255,3	91,3	96,7	118,1	135,9
(55/45/20°C) ΔT 30 = W	71,4	90	60	69,5	78,9	88,1	142,6	157,3	171,8	62,8	66,7	81,7	94,1
Water content [lt]	2	2,5	1,7	1,9	2,2	2,4	4,36	4,84	5,29	1,77	1,85	2,25	2,56
Dry Weight [kg]	3,09	3,93	2,58	3	3,42	3,85	7,23	8,11	8,95	2,7	2,87	3,56	3,92
Exp. [n]	1,29	1,273	1,3	1,292	1,283	1,275	1,407	1,392	1,378	1,298	1,294	1,281	1,277
Nominal flow rate [kg/h]	11,9	14,8	10	11,6	13,1	14,5	25,2	27,6	29,9	10,5	11,1	13,5	15,5
Radiation quote [%]	18	17	18	18	17	17	15	14	13	18	18	17	17
Surface [m²]	0,32	0,41	0,27	0,31	0,36	0,4	0,76	0,85	0,94	0,28	0,3	0,37	0,43



6 COLUMNS HEIGHTS FOR REPLACEMENT



Elements Width [mm]	CAST IRON			ALUMINIUM							LAMELLAR PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres		620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3														
138 mm	W	414	517	350	404	456	507	878	961	1042	366	387	471	542
4														
184 mm	W	552	690	466	538	608	676	1170	1282	1389	488	516	628	723
5														
230 mm	W	690	862	583	673	760	845	1463	1602	1736	610	646	786	904
6														
276 mm	W	828	1034	699	807	912	1014	1755	1922	2083	731	775	943	1084
7														
322 mm	W	966	1207	816	942	1064	1183	2048	2243	2430	853	904	1100	1265
8														
368 mm	W	1104	1379	932	1076	1216	1352	2340	2563	2778	975	1033	1257	1446
9														
414 mm	W	1242	1552	1049	1211	1368	1521	2633	2884	3125	1097	1162	1414	1626
10														
460 mm	W	1380	1724	1165	1345	1520	1690	2925	3204	3472	1219	1291	1571	1807
11														
506 mm	W	1518	1896	1282	1480	1672	1859	3218	3524	3819	1341	1420	1728	1988
12														
552 mm	W	1656	2069	1398	1614	1824	2028	3510	3845	4166	1463	1549	1885	2168
13														
598 mm	W	1794	2241	1515	1749	1976	2197	3803	4165	4514	1585	1678	2042	2349
14														
644 mm	W	1932	2414	1631	1883	2128	2366	4095	4486	4861	1707	1807	2199	2530
15														
690 mm	W	2070	2586	1748	2018	2280	2535	4388	4806	5208	1829	1937	2357	2711
16														
736 mm	W	2208	2758	1864	2152	2432	2704	4680	5126	5555	1950	2066	2514	2891
17														
782 mm	W	2346	2931	1981	2287	2584	2873	4973	5447	5902	2072	2195	2671	3072
18														
828 mm	W	2484	3103	2097	2421	2736	3042	5265	5767	6250	2194	2324	2828	3253
19														
874 mm	W	2622	3276	2214	2556	2888	3211	5558	6088	6597	2316	2453	2985	3433
20														
920 mm	W	2760	3448	2330	2690	3040	3380	5850	6408	6944	2438	2582	3142	3614
21														
966 mm	W	2898	3620	2447	2825	3192	3549	6143	6728	7291	2560	2711	3299	3795
22														
1012 mm	W	3036	3793	2563	2959	3344	3718	6435	7049	7638	2682	2840	3456	3975
23														
1058 mm	W	3174	3965	2680	3094	3496	3887	6728	7369	7986	2804	2969	3613	4156
24														
1104 mm	W	3312	4138	2796	3228	3648	4056	7020	7690	8333	2926	3098	3770	4337
25														
1150 mm	W	3450	4310	2913	3363	3800	4225	7313	8010	8680	3048	3228	3928	4518
26														
1196 mm	W	3588	4482	3029	3497	3952	4394	7605	8330	9027	3169	3357	4085	4698
27														
1242 mm	W	3726	4655	3146	3632	4104	4563	7898	8651	9374	3291	3486	4242	4879
28														
1288 mm	W	3864	4827	3262	3766	4256	4732	8190	8971	9722	3413	3615	4399	5060
29														
1344 mm	W	4002	5000	3379	3901	4408	4901	8483	9292	10069	3535	3744	4556	5240
30														
1380 mm	W	4140	5172	3495	4035	4560	5070	8775	9612	10416	3657	3873	4713	5421
31														
1426 mm	W	4278	5344	3612	4170	4712	5239	9068	9932	10763	3779	4002	4870	5602
32														
1472 mm	W	4416	5517	3728	4304	4864	5408	9360	10253	11110	3901	4131	5027	5782
33														
1518 mm	W	4554	5689	3845	4439	5016	5577	9653	10573	11458	4023	4260	5184	5963
34														
1564 mm	W	4692	5862	3961	4573	5168	5746	9945	10894	11805	4145	4389	5341	6144
35														
1610 mm	W	4830	6034	4078	4708	5320	5915	10238	11214	12152	4267	4519	5499	6325
36														
1656 mm	W	4968	6206	4194	4842	5472	6084	10530	11534	12499	4388	4648	5656	6505
37														
1702 mm	W	5106	6379	4311	4977	5624	6253	10823	11855	12846	4510	4777	5813	6686
38														
1748 mm	W	5244	6551	4427	5111	5776	6422	11115	12175	13194	4632	4906	5970	6867
39														
1794 mm	W	5382	6724	4544	5246	5928	6591	11408	12496	13541	4754	5035	6127	7047
40														
1840 mm	W	5520	6896	4660	5380	6080	6760	11700	12816	13888	4876	5164	6284	7228

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 55 sections with lateral connection, see probes kit at page 465.



ARDESIA[®]

BENCH



page 27

WARRANTY
5 YEARS

MATERIAL:

- Heads moulded in mild steel plate.
- Tubes in mild steel electro-welded $\varnothing$ 25 mm.
- Seat in solid wood 25 mm thickness

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES





ARDESIA® HYGIENIC



page 28

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 25 mm.
- Space rings between sections welded with robotized technology of PULSED SPRAY WELDING.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled

carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

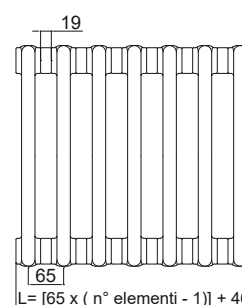
See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Temperature max	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	65 mm

CERTIFICATES



Space rings between sections welded with robotized technology of **PULSED SPRAY WELDING**



On demand, it is possible to realize ardesia in hygienic version, with all connections, heights, dimensions and finishing.

This execution extends the water content of Ardesia® to be applied also to sanitary and

community centers subject to severe norms for hygiene in heating systems.

The space between the sections has been conceived to facilitate an accurate cleaning on all radiator surface. For additional informations feel free to contact our sales department.

HOW TO ORDER ARDESIA® HYGIENIC

ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr of columns E.g.: Ardesia® Hygienic 3 columns	Nr of Elements E.g.: 19 elements	Height in mm Example: 207 mm	Code of the connection Example: connection D1	Code of the colour Example: H48 - Dove	Constant value
AH3	19	0207	D01	H48	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:
AH3..... ARDESIA® HYGIENIC 3 Columns
19..... 19 elements (see the table shown on the side)
0207..... Height 207 mm (see the table shown on the side)
D01..... connection D1 (see page 212-213)
H48..... colour H48 - Dove (see page 486)
A..... (Constant value)
 The article code will be:
AH3 19 0207 D01 H48 A

TECHNICAL DATA PER SECTION (at least 3 elements)

	2 COLUMNS	3 COLUMNS	4 COLUMNS	5 COLUMNS	6 COLUMNS
	AH2	AH3	AH4	AH5	AH6
Height [mm]					
207					
300					
400					
500					
600					
750					
900					
1000					
1200					
1500					
1800					
2000					
2200					
2500					



ARDESIA® SPECIAL EXECUTIONS



page 26

WARRANTY
5 YEARS

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

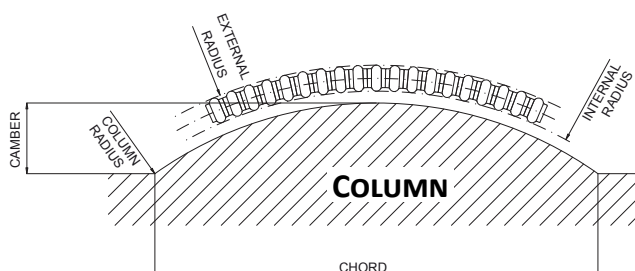
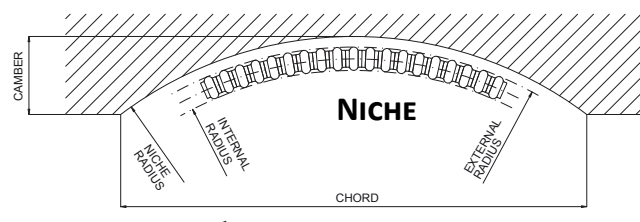
RADIATORS

VENTILATION
RADIATORS

MY WAY®
ACCESSORIES AND
TECHNICAL SUPPORT

ARDESIA® CURVED

Among all special executions, the ardesia Curved model is the ideal solution for the installation around a column or within a wall niche. Curved batteries are realizable on demand with the following minimum internal bending: Minimum internal bending: 1000 mm for 2 and 3 columns - 1300 mm for 4, 5 and 6 columns.. The development of the battery can not exceed the semi-circumference, that is the angle covered by the curve needs to be less than 180°



HOW TO ORDER

When sending the order please specify:

- N. of columns • N. of sections • Height.
- Radius and Chord as indicated in below technical drawing.
- Type of connections.

ARDESIA® ANGLED

On demand it is possible to realize customised batteries of Ardesia® Angled.



HOW TO ORDER

When ordering please specify:

- n° of columns,
- n° of sections side 1 and side 2
- Height
- Connections and colour
- Angle type and measure

End cap, reducing bushes and nipples included but not mounted.



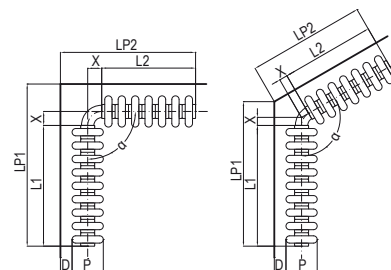
page 27

WARRANTY
5 YEARS

CLOSING WALL - ANGLE

N° di columns	P [mm]	Distance X [mm] depending on angle α											
		$\alpha = 90^\circ$	$\alpha = 105^\circ$	$\alpha = 120^\circ$	$\alpha = 135^\circ$	$\alpha = 150^\circ$	$\alpha = 165^\circ$	$\alpha = 90^\circ$	$\alpha = 105^\circ$	$\alpha = 120^\circ$	$\alpha = 135^\circ$	$\alpha = 150^\circ$	$\alpha = 165^\circ$
2	66	48	37	28	20	13	6	48	51	58	73	105	204
3	107	48	37	28	20	13	6	48	57	70	93	140	281
4	148	93	71	54	39	25	12	93	97	108	133	188	363
5	189	93	71	54	39	25	12	93	102	120	153	223	440
6	230	118	96	79	64	50	37	93	102	120	153	223	440

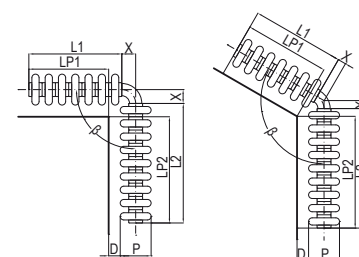
Value to add or subtract to
(Number of sections x 46) so to obtain the wall
encumbrance LP with D = 20 depending on angle α



OPENING WALL - ANGLE

N° di columns	P [mm]	Distance X [mm] depending on angle β											
		$\beta = 90^\circ$	$\beta = 105^\circ$	$\beta = 120^\circ$	$\beta = 135^\circ$	$\beta = 150^\circ$	$\beta = 165^\circ$	$\beta = 90^\circ$	$\beta = 105^\circ$	$\beta = 120^\circ$	$\beta = 135^\circ$	$\beta = 150^\circ$	$\beta = 165^\circ$
2	66	48	37	28	20	13	6	5	4	3	2	1	1
3	107	48	37	28	20	13	6	26	20	15	11	7	3
4	148	93	71	54	39	25	12	1	1	0	0	0	0
5	189	93	71	54	39	25	12	22	16	12	9	6	3
6	230	118	96	79	64	50	37	17	7	-1	-8	-14	-19

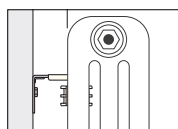
Value to add or subtract to
(Number of sections x 46) so to obtain the wall
encumbrance LP with D = 20 depending on angle β



ARDESIA® WITH WELDED FEET

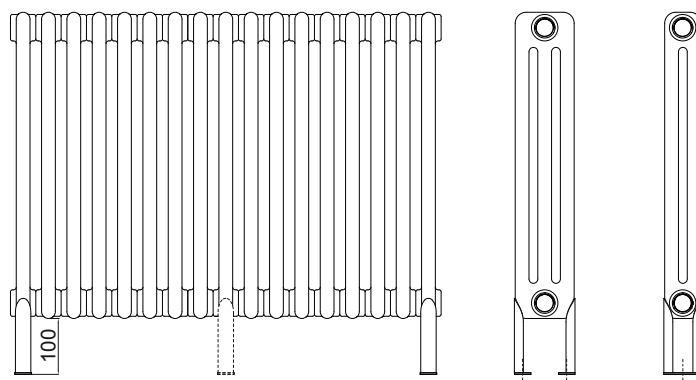
Ardesia® with welded feet support is available on demand. The floor feet support is welded to the battery and in matching colour. Standard height for

The feet is 100mm. On demand, it is possible to realize feet up to 150mm of height.



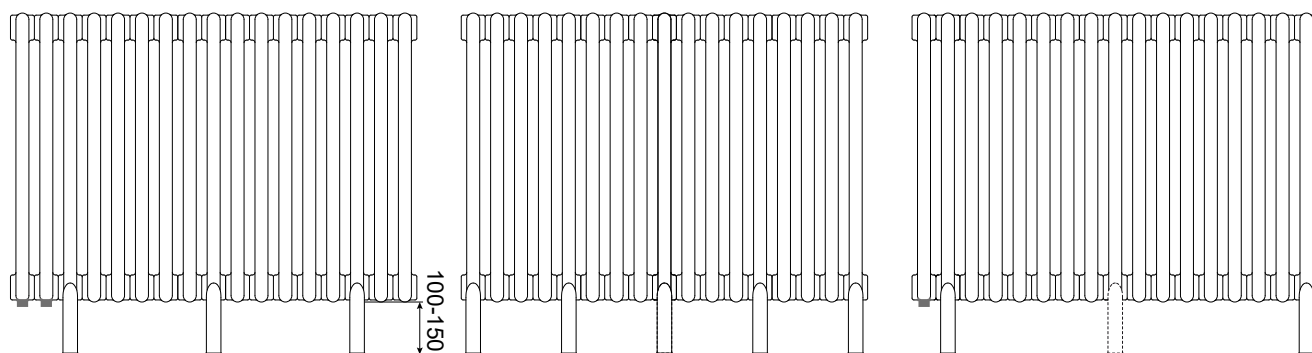
PLEASE NOTE: on ARDESIA® with welded feet it is always necessary to install the wall stabiliser kit.

Art. nr. 5991990310307



	2 COLUMNS	3 COLUMNS	4 COLUMNS	5 COLUMNS	6 COLUMNS	FEET STANDARD HEIGHT
MOUNTING OPTIONS	connected at the base		free			[mm]
from 3 to 23 SECTIONS	2 pairs	2 pairs	2 pairs	2 pairs	2 pairs	100
from 24 to 40 SECTIONS	3 pairs	3 pairs	3 pairs	3 pairs	3 pairs	100
from 41 to 63 SECTIONS	4 pairs	4 pairs	4 pairs	4 pairs	4 pairs	100

For special executions or for welded bottom connections connections, it is possible to customise batteries with a major or odd number of welded feet to facilitate installation.

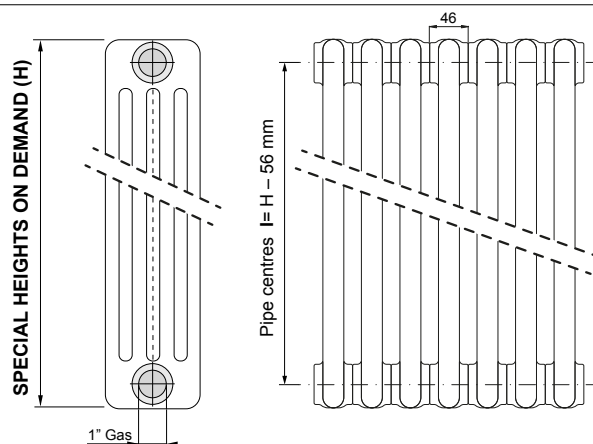


SPECIAL HEIGHTS (NON STANDARD)

For replacing old radiators or for specific installation needs, it is possible to realize Special Heights, not indicated in pricelist, **from 300 mm up to 2500 mm.**

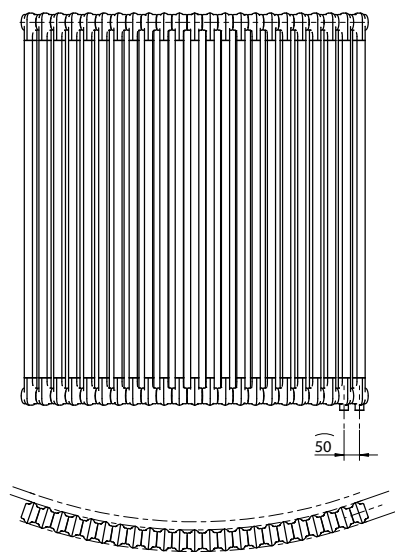
SURCHARGE FOR SPECIAL HEIGHTS ON DEMAND

Refer to the price of the immediate higher standard height. Requests are accepted only for models whose height or center distance is 5 mm higher than the standard sizes.

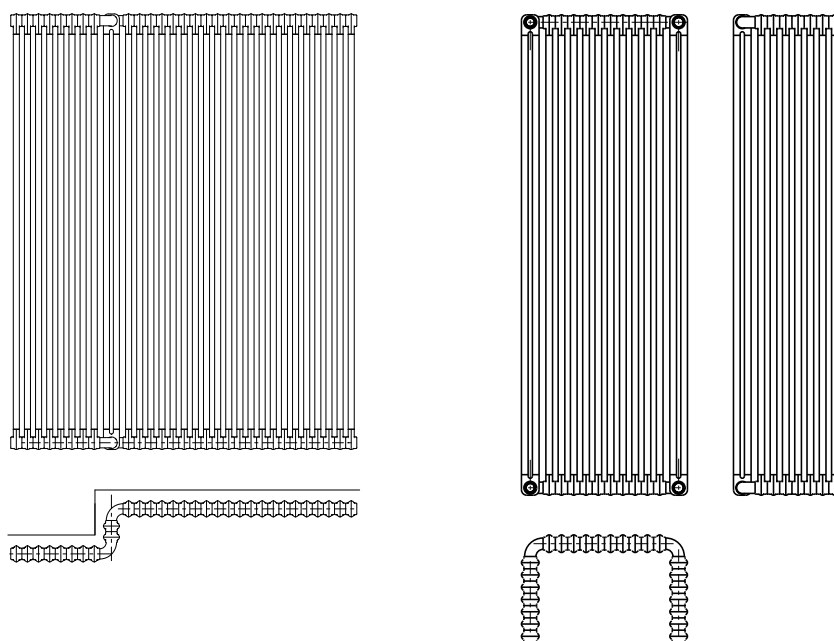


EXAMPLES OF CUSTOMISED EXECUTIONS

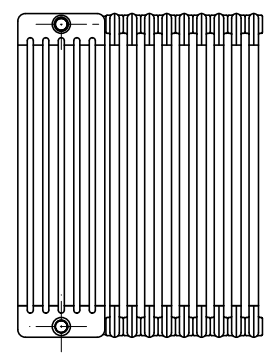
CURVED



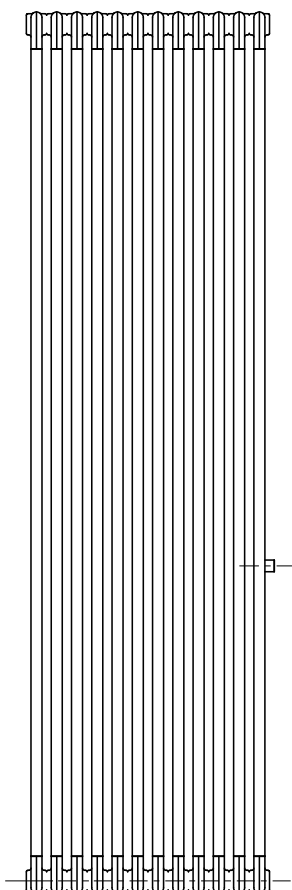
DOUBLE ANGLES



SINGLE ANGLE



SOLUTION WITH LATERAL CONNECTION
FOR 3 AND 5 COLUMN BATTERIES



CUSTOMISED WELDED SLEEVES

