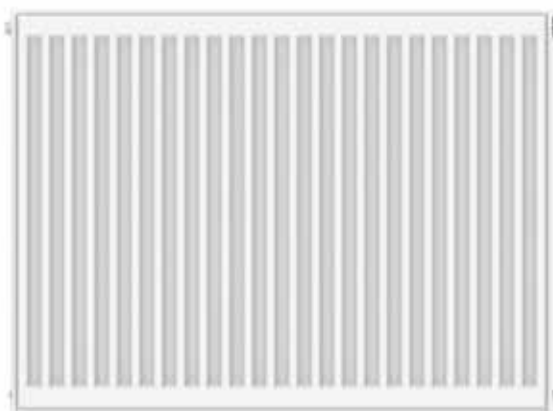


## General information

### NOVELLO

The Novello radiator is a fully dressed radiator equipped with an integrated adjustable valve insert. This radiator can be connected either as a valve or as a compact radiator.

Product:	fully encased valve radiator
Finishing:	upper grille and side panels
Pre-installed:	preset Heimeier 4368 or 4369 valve insert, air vent and blind plugs
Valve insert:	The integrated adjustable valve insert (without thermostatic head) is factory-fit on the right side of the radiator; CEN certified, tested in accordance with EN215 and compatible with thermostatic heads M30 x 1,5 mm. The thermostatic valve insert is factory-set in relation to the size of the radiator. This presetting ensures optimum throughput in the radiator. Factory setting for two-pipe systems, also suitable for one-pipe systems (as long as the valve insert is adjusted to position 8).
Also supplied:	Monclac brackets (VDI compliant when used in combination with included anti-slide clips), screws, plugs and assembly instructions
Connections:	6 x 1/2" female connection (2 x 1/2" lateral bottom connection included). Left handed version: type 21, 22 and 33 are reversible, type 11 is available on request.
Lugs:	Type 11 is equipped with 2 pairs of mounting lugs up to 1.600 mm and 3 pairs from 1.800 mm
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	10 years, as long as the installation instructions have been followed and Stelrad's warranty conditions have been met.
Paint process:	All radiators are degreased, phosphated, cathoretically primed and powder-coated in Stelrad white 9016 as standard.
Colours:	Stelrad white 9016 + 35 different Stelrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested at 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	RAL and NF
Types:	11   21   22   33
Heights:	300   400   500   600   700   900 mm
Lengths:	400 – 3.000 mm
Depths:	61   77   100   158 mm



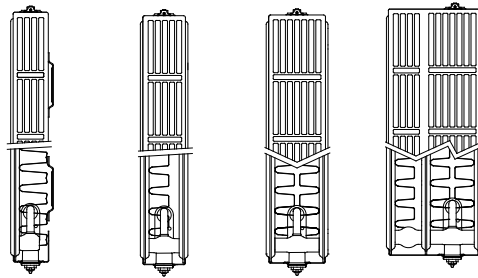
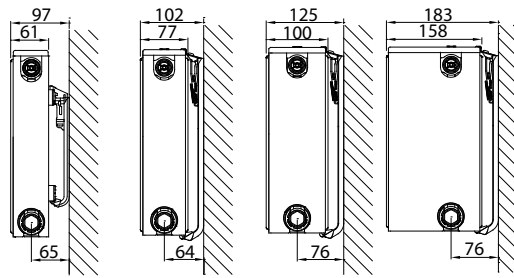
	RAL N°.
Type 11	GZ-Reg. N° 0557
Type 21	GZ-Reg. N° 0558
Type 22	GZ-Reg. N° 0559
Type 33	GZ-Reg. N° 0560

## Type overview

Calculation factor  
per meter  
at 75/65/20°C  
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		Type 11	Type 21	Type 22	Type 33	Centre distance
300	W			982	1.349	250
	kg			16,80	25,20	
	l			3,70	5,40	
	m <sup>2</sup>			3,51	5,26	
	n			1,33	1,31	
400	W	676		1.245	1.711	350
	kg	12,78		22,87	34,30	
	l	2,34		4,67	6,87	
	m <sup>2</sup>	2,95		4,92	7,38	
	n	1,31		1,33	1,32	
500	W	833	1.153	1.494	2.056	450
	kg	16,24	24,63	28,93	43,40	
	l	2,80	5,63	5,63	8,33	
	m <sup>2</sup>	3,80	4,31	6,33	9,49	
	n	1,30	1,34	1,33	1,32	
600	W	980	1.345	1.732	2.389	550
	kg	19,70	29,80	35,00	52,50	
	l	3,25	6,60	6,60	9,80	
	m <sup>2</sup>	4,66	5,24	7,74	11,61	
	n	1,29	1,34	1,33	1,32	
700	W	1.117	1.530	1.961	2.712	650
	kg	22,90	34,50	40,53	60,77	
	l	3,77	7,63	7,63	11,37	
	m <sup>2</sup>	5,51	6,18	9,15	13,72	
	n	1,29	1,34	1,34	1,34	
900	W	1.360	1.883	2.395	3.334	850
	kg	29,30	43,90	51,60	77,30	
	l	4,80	9,70	9,70	14,50	
	m <sup>2</sup>	7,22	8,05	11,97	17,96	
	n	1,29	1,34	1,35	1,37	

W=heat output per meter / kg=weight per meter / l=content per meter / m<sup>2</sup>=surface per meter / n=exponent  
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

## NOVELLO

Heat outputs in Watt according to EN442

Height	300	
	22	33
400		
500		
600	438 299 589	603 414 809
700		
800	585 399 786	805 552 1.079
900	658 449 884	906 621 1.214
1000	730 499 982	1.006 690 1.349
1100	803 548 1.080	1.107 759 1.484
1200	876 598 1.178	1.208 828 1.619
1400	1.023 698 1.375	1.409 966 1.889
1600	1.169 798 1.571	1.610 1.103 2.158
1800	1.315 898 1.768	1.811 1.241 2.428
2000	1.461 997 1.964	2.012 1.379 2.698
2200	1.607 1.097 2.160	2.214 1.517 2.968
2400	1.753 1.197 2.357	2.415 1.655 3.238
2600	1.899 1.297 2.553	
2800	2.045 1.397 2.750	
3000	2.191 1.496 2.946	

400		
11	22	33
252 173 338	462 315 623	
303 208 406	555 379 747	766 524 1.027
353 242 473	648 442 872	
404 277 541	740 505 996	1.020 699 1.369
454 311 608	833 568 1.121	1.148 786 1.540
504 346 676	925 631 1.245	1.275 873 1.711
555 381 744	1.018 695 1.370	1.403 960 1.882
605 415 811	1.111 758 1.494	1.530 1.048 2.053
706 484 946	1.296 884 1.743	1.785 1.222 2.395
807 554 1.082	1.481 1.010 1.992	2.041 1.397 2.738
908 623 1.217	1.666 1.137 2.241	2.296 1.572 3.080
1.009 692 1.352	1.851 1.263 2.490	2.551 1.746 3.422
	2.036 1.389 2.739	2.806 1.921 3.764
	2.221 1.515 2.988	3.061 2.095 4.106
	2.406 1.642 3.237	
	2.591 1.768 3.486	
	2.776 1.894 3.735	

500			
11	21	22	33
249 171 333			
311 214 417	428 291 577	555 378 747	
374 257 500	514 350 692	666 454 896	919 629 1.234
436 300 583	599 408 807	777 530 1.046	1.072 733 1.439
498 343 666	684 466 922	888 605 1.195	1.225 838 1.645
561 386 750	771 525 1.038	999 681 1.345	1.378 943 1.850
623 428 833	856 583 1.153	1.110 757 1.494	1.531 1.047 2.056
685 471 916	941 641 1.268	1.221 832 1.643	1.685 733 2.262
748 514 1.000	1.027 700 1.384	1.332 908 1.793	1.838 1.257 2.467
872 600 1.166	1.198 816 1.614	1.554 1.059 2.092	2.144 1.466 2.878
997 686 1.333	1.370 933 1.845	1.776 1.210 2.390	2.451 1.676 3.290
1.121 771 1.499	1.540 1.049 2.075	1.998 1.362 2.689	2.757 1.886 3.701
1.246 857 1.666	1.712 1.166 2.306	2.220 1.513 2.988	3.063 2.095 4.112
1.371 943 1.833	1.883 1.283 2.537	2.442 1.665 3.287	3.369 2.304 4.523
1.495 1.028 1.999	2.054 1.399 2.767	2.664 1.816 3.586	3.675 2.514 4.934
		2.885 1.967 3.884	
		3.108 2.118 4.183	
		3.330 2.270 4.482	

Stelrad BV/PL 17/01/51/EC01

Core assortment (Stelrad white 9016) available ex factory within 10 days.  
Core assortment is subject to change, please refer to [www.stelrad.eu](http://www.stelrad.eu) for the latest information.  
Delivery time depends on the model, please refer to your distributor.

**10** YEAR WARRANTY

EN442 (W) 70/50/20°C

EN442 (W) 55/45/20°C

EN442 (W) 75/65/20°C

Height	600			
	11	21	22	33
400	294	399	515	712
	203	272	350	486
	392	538	693	956
500	367	499	643	889
	253	339	438	607
	490	673	866	1.195
600	441	599	771	1.067
	304	407	525	729
	588	807	1.039	1.433
700	514	699	900	1.244
	355	476	613	850
	686	942	1.212	1.672
800	588	798	1.029	1.422
	405	543	701	972
	784	1.076	1.386	1.911
900	661	898	1.157	1.600
	456	611	788	1.094
	882	1.211	1.559	2.150
1000	735	998	1.286	1.778
	507	679	876	1.215
	980	1.345	1.732	2.389
1100	808	1.098	1.414	1.956
	557	747	963	1.337
	1.078	1.480	1.905	2.628
1200	881	1.197	1.543	2.134
	608	815	1.051	1.458
	1.176	1.614	2.078	2.867
1400	1.028	1.397	1.800	2.490
	709	951	1.226	1.701
	1.372	1.883	2.425	3.345
1600	1.175	1.596	2.057	2.845
	810	1.086	1.401	1.944
	1.568	2.152	2.771	3.822
1800	1.322	1.796	2.315	3.200
	912	1.222	1.577	2.187
	1.764	2.421	3.118	4.300
2000	1.469	1.996	2.572	3.556
	1.013	1.358	1.752	2.430
	1.960	2.690	3.464	4.778
2200	1.616	2.195	2.829	
	1.114	1.494	1.927	
	2.156	2.959	3.810	
2400	1.763	2.395	3.086	4.268
	1.216	1.630	2.102	2.917
	2.352	3.228	4.157	5.734
2600			3.343	
			2.277	
			4.503	
2800			3.601	
			2.453	
			4.850	
3000			3.858	
			2.628	
			5.196	

700			
11	21	22	33
335	454	582	805
231	309	396	547
447	612	784	1.085
418	568	727	1.006
288	386	495	684
559	765	981	1.356
502	681	873	1.207
346	463	594	821
670	918	1.177	1.627
586	795	1.018	1.408
404	541	693	958
782	1.071	1.373	1.898
670	908	1.164	1.609
462	618	792	1.095
894	1.224	1.569	2.170
753	1.022	1.309	1.810
519	695	891	1.232
1.005	1.377	1.765	2.441
837	1.135	1.455	2.011
577	772	990	1.368
1.117	1.530	1.961	2.712
921	1.249	1.600	2.212
635	850	1.089	1.505
1.229	1.683	2.157	2.983
1.004	1.362	1.745	2.413
693	927	1.188	1.642
1.340	1.836	2.353	3.254
1.172	1.589	2.036	2.816
808	1.081	1.385	1.916
1.564	2.142	2.745	3.797
1.339	1.816	2.328	3.218
924	1.236	1.584	2.189
1.787	2.448	3.138	4.339

900			
11	21	22	33
408	559	709	982
281	380	482	662
544	753	958	1.334
510	699	887	1.228
351	476	602	827
680	942	1.198	1.667
612	838	1.064	1.473
422	570	722	993
816	1.130	1.437	2.000
714	978	1.241	1.719
492	665	843	1.159
952	1.318	1.677	2.334
816	1.117	1.419	1.964
562	760	963	1.324
1.088	1.506	1.916	2.667
917	1.257	1.597	2.210
633	856	1.084	1.490
1.224	1.695	2.156	3.001
1.019	1.397	1.774	2.455
703	951	1.204	1.655
1.360	1.883	2.395	3.334
1.121	1.536	1.950	2.700
773	1.045	1.324	1.820
1.496	2.071	2.635	3.667
1.223	1.677	2.128	2.946
844	1.141	1.445	1.986
1.632	2.260	2.874	4.001
1.427	1.956	2.483	3.438
984	1.331	1.686	2.317
1.904	2.636	3.353	4.668
1.631	2.235	2.838	3.928
1.125	1.521	1.926	2.648
2.176	3.013	3.832	5.334