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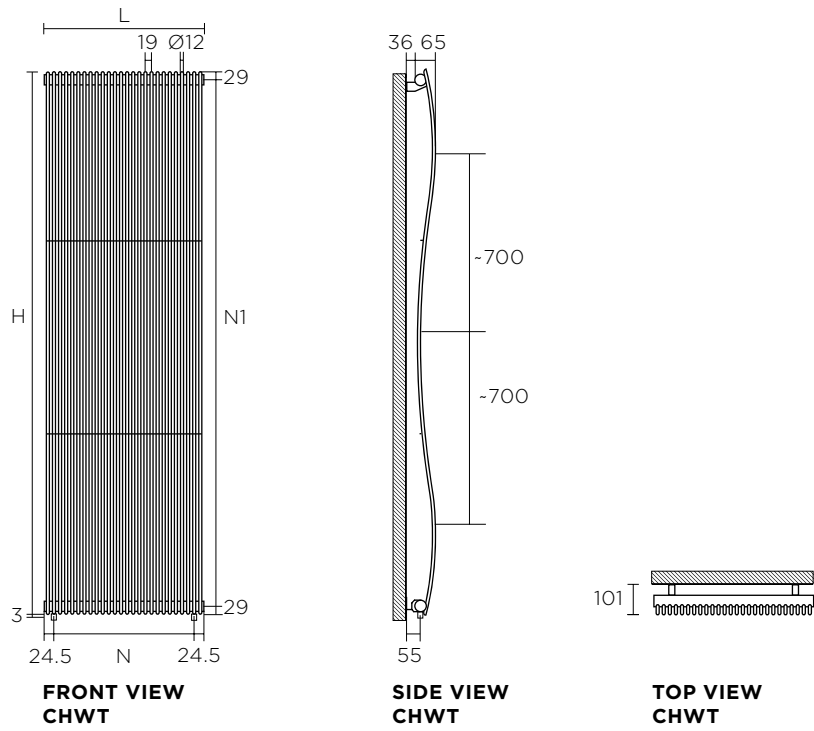
# RUNTAL HT ONDA S



**runtal**

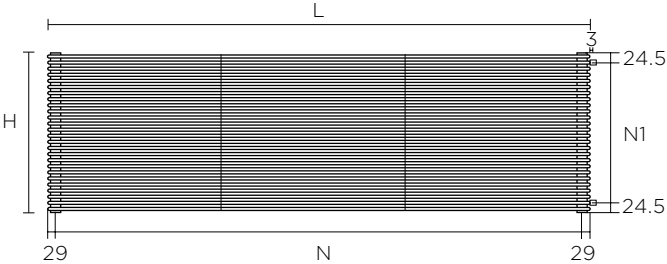
# RUNTAL HT ONDA S TECHNICAL SPECIFICATIONS

## CENTRAL HEATING - VERSION VERTICAL

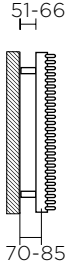


- H Height (mm)
- L Width (mm)
- N Pipe centres (mm)
- N1 Pipe centres (mm)

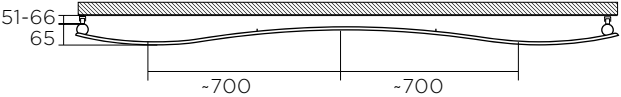
**CENTRAL HEATING - VERSION HORIZONTAL**



**FRONT VIEW  
CVWT**



**SIDE VIEW  
CVWT**



**TOP VIEW  
CVWT**

- H Height (mm)
- L Width (mm)
- N2 Pipe centres (mm)
- N3 Pipe centres (mm)

# RUNTAL HT ONDA S

## CENTRAL HEATING VERSION - VERTICAL

<b>Height 1793 mm</b>	<b>Width mm</b>	<b>V dm<sup>3</sup></b>	<b>M kg</b>	<b>n</b>	<b>P ΔT 50K Watt</b>
CHWT-10-180	190	0.16	0.67	1.258	461
CHWT-12-180	228	0.16	0.67	1.258	553
CHWT-14-180	266	0.16	0.67	1.258	645
CHWT-16-180	304	0.16	0.67	1.258	738
CHWT-18-180	342	0.16	0.67	1.258	830
CHWT-20-180	280	0.16	0.67	1.258	922
CHWT-22-180	418	0.16	0.67	1.258	1.014
CHWT-24-180	456	0.16	0.67	1.258	1.106
CHWT-26-180	494	0.16	0.67	1.258	1.199
CHWT-28-180	532	0.16	0.67	1.258	1.291
CHWT-30-180	570	0.16	0.67	1.258	1.383
CHWT-32-180	608	0.16	0.67	1.258	1.475
CHWT-34-180	646	0.16	0.67	1.258	1.567
CHWT-36-180	684	0.16	0.67	1.258	1.660
CHWT-38-180	722	0.16	0.67	1.258	1.752
CHWT-40-180	760	0.16	0.67	1.258	1.844
CHWT-42-180	798	0.16	0.67	1.258	1.936
CHWT-44-180	826	0.16	0.67	1.258	2.028
CHWT-46-180	874	0.16	0.67	1.258	2.121
CHWT-48-180	912	0.16	0.67	1.258	2.213
CHWT-50-180	950	0.16	0.67	1.258	2.305

<b>Height 1993 mm</b>	<b>Width mm</b>	<b>V dm<sup>3</sup></b>	<b>M kg</b>	<b>n</b>	<b>P ΔT 50K Watt</b>
CHWT-10-200	190	0.16	0.67	1.258	508
CHWT-12-200	228	0.16	0.67	1.258	610
CHWT-14-200	266	0.16	0.67	1.258	711
CHWT-16-200	304	0.16	0.67	1.258	813
CHWT-18-200	342	0.16	0.67	1.258	914
CHWT-20-200	280	0.16	0.67	1.258	1.016
CHWT-22-200	418	0.16	0.67	1.258	1.118
CHWT-24-200	456	0.16	0.67	1.258	1.219
CHWT-26-200	494	0.16	0.67	1.258	1.321
CHWT-28-200	532	0.16	0.67	1.258	1.422
CHWT-30-200	570	0.16	0.67	1.258	1.524
CHWT-32-200	608	0.16	0.67	1.258	1.626
CHWT-34-200	646	0.16	0.67	1.258	1.727
CHWT-36-200	684	0.16	0.67	1.258	1.829
CHWT-38-200	722	0.16	0.67	1.258	1.930

<b>Height 1993 mm</b>	<b>Width mm</b>	<b>V dm<sup>3</sup></b>	<b>M kg</b>	<b>n</b>	<b>PΔT 50K Watt</b>
CHWT-40-200	760	0.16	0.67	1.258	2.032
CHWT-42-200	798	0.16	0.67	1.258	2.134
CHWT-44-200	826	0.16	0.67	1.258	2.235
CHWT-46-200	874	0.16	0.67	1.258	2.337
CHWT-48-200	912	0.16	0.67	1.258	2.438
CHWT-50-200	950	0.16	0.67	1.258	2.540

<b>Height 2193 mm</b>	<b>Width mm</b>	<b>V dm<sup>3</sup></b>	<b>M kg</b>	<b>n</b>	<b>PΔT 50K Watt</b>
CHWT-10-220	190	0.16	0.67	1.258	555
CHWT-12-220	228	0.16	0.67	1.258	666
CHWT-14-220	266	0.16	0.67	1.258	777
CHWT-16-220	304	0.16	0.67	1.258	888
CHWT-18-220	342	0.16	0.67	1.258	999
CHWT-20-220	280	0.16	0.67	1.258	1.110
CHWT-22-220	418	0.16	0.67	1.258	1.221
CHWT-24-220	456	0.16	0.67	1.258	1.332
CHWT-26-220	494	0.16	0.67	1.258	1.443
CHWT-28-220	532	0.16	0.67	1.258	1.554
CHWT-30-220	570	0.16	0.67	1.258	1.665
CHWT-32-220	608	0.16	0.67	1.258	1.776
CHWT-34-220	646	0.16	0.67	1.258	1.887
CHWT-36-220	684	0.16	0.67	1.258	1.998
CHWT-38-220	722	0.16	0.67	1.258	2.109
CHWT-40-220	760	0.16	0.67	1.258	2.220
CHWT-42-220	798	0.16	0.67	1.258	2.331
CHWT-44-220	826	0.16	0.67	1.258	2.442
CHWT-46-220	874	0.16	0.67	1.258	2.553
CHWT-48-220	912	0.16	0.67	1.258	2.664
CHWT-50-220	950	0.16	0.67	1.258	2.775

V: volume, M: weight, n: exponent, PΔT 50K: EN 442 output

**CENTRAL HEATING VERSION - HORIZONTAL**

<b>Height 1793 mm</b>	<b>Width mm</b>	<b>V dm<sup>3</sup></b>	<b>M kg</b>	<b>n</b>	<b>P ΔT 50K Watt</b>
CVWT-10-180	190	0.95	3.78	1.230	512
CVWT-12-180	228	1.14	4.51	1.229	637
CVWT-14-180	266	1.33	5.23	1.227	764
CVWT-16-180	304	1.52	5.96	1.226	895
CVWT-18-180	342	1.71	6.69	1.222	992
CVWT-20-180	280	1.90	7.63	1.226	1.090
CVWT-22-180	418	2.09	8.37	1.230	1.189
CVWT-24-180	456	2.28	9.12	1.233	1.289
CVWT-26-180	494	2.47	9.86	1.237	1.389
CVWT-28-180	532	2.66	10.61	1.241	1.491
CVWT-30-180	570	2.85	11.35	1.244	1.595
CVWT-32-180	608	3.04	12.09	1.248	1.699
CVWT-34-180	646	3.23	13.53	1.252	1.806
CVWT-36-180	684	3.42	14.31	1.256	1.914
CVWT-38-180	722	3.61	15.09	1.259	2.023
CVWT-40-180	760	3.80	15.86	1.263	2.135
CVWT-42-180	798	3.99	16.64	1.267	2.248
CVWT-44-180	826	4.18	17.45	1.271	2.363
CVWT-46-180	874	4.37	18.87	1.274	2.481
CVWT-48-180	912	4.56	19.68	1.278	2.599
CVWT-50-180	950	4.75	20.49	1.282	2.721

<b>Height 1993 mm</b>	<b>Width mm</b>	<b>V dm<sup>3</sup></b>	<b>M kg</b>	<b>n</b>	<b>P ΔT 50K Watt</b>
CVWT-10-200	190	0.95	3.78	1.230	569
CVWT-12-200	228	1.14	4.51	1.229	708
CVWT-14-200	266	1.33	5.23	1.227	850
CVWT-16-200	304	1.52	5.96	1.226	950
CVWT-18-200	342	1.71	6.69	1.222	1.102
CVWT-20-200	280	1.90	7.63	1.226	1.212
CVWT-22-200	418	2.09	8.37	1.230	1.321
CVWT-24-200	456	2.28	9.12	1.233	1.433
CVWT-26-200	494	2.47	9.86	1.237	1.544
CVWT-28-200	532	2.66	10.61	1.241	1.658
CVWT-30-200	570	2.85	11.35	1.244	1.773
CVWT-32-200	608	3.04	12.09	1.248	1.889
CVWT-34-200	646	3.23	13.53	1.252	2.008
CVWT-36-200	684	3.42	14.31	1.256	2.217
CVWT-38-200	722	3.61	15.09	1.259	2.249

<b>Height 1993 mm</b>	<b>Width mm</b>	<b>V dm<sup>3</sup></b>	<b>M kg</b>	<b>n</b>	<b>PΔT 50K Watt</b>
CVWT-40-200	760	3.80	15.86	1.263	2.374
CVWT-42-200	798	3.99	16.64	1.267	2.499
CVWT-44-200	826	4.18	17.45	1.271	2.627
CVWT-46-200	874	4.37	18.87	1.274	2.758
CVWT-48-200	912	4.56	19.68	1.278	2.889
CVWT-50-200	950	4.75	20.49	1.282	3.025

<b>Height 2193 mm</b>	<b>Width mm</b>	<b>V dm<sup>3</sup></b>	<b>M kg</b>	<b>n</b>	<b>PΔT 50K Watt</b>
CVWT-10-220	190	0.95	3.78	1.230	626
CVWT-12-220	228	1.14	4.51	1.229	780
CVWT-14-220	266	1.33	5.23	1.227	935
CVWT-16-220	304	1.52	5.96	1.226	1.095
CVWT-18-220	342	1.71	6.69	1.222	1.213
CVWT-20-220	280	1.90	7.63	1.226	1.334
CVWT-22-220	418	2.09	8.37	1.230	1.454
CVWT-24-220	456	2.28	9.12	1.233	1.577
CVWT-26-220	494	2.47	9.86	1.237	1.699
CVWT-28-220	532	2.66	10.61	1.241	1.824
CVWT-30-220	570	2.85	11.35	1.244	1.951
CVWT-32-220	608	3.04	12.09	1.248	2.078
CVWT-34-220	646	3.23	13.53	1.252	2.210
CVWT-36-220	684	3.42	14.31	1.256	2.341
CVWT-38-220	722	3.61	15.09	1.259	2.475
CVWT-40-220	760	3.80	15.86	1.263	2.613
CVWT-42-220	798	3.99	16.64	1.267	2.751
CVWT-44-220	826	4.18	17.45	1.271	2.891
CVWT-46-220	874	4.37	18.87	1.274	3.035
CVWT-48-220	912	4.56	19.68	1.278	3.180
CVWT-50-220	950	4.75	20.49	1.282	3.329

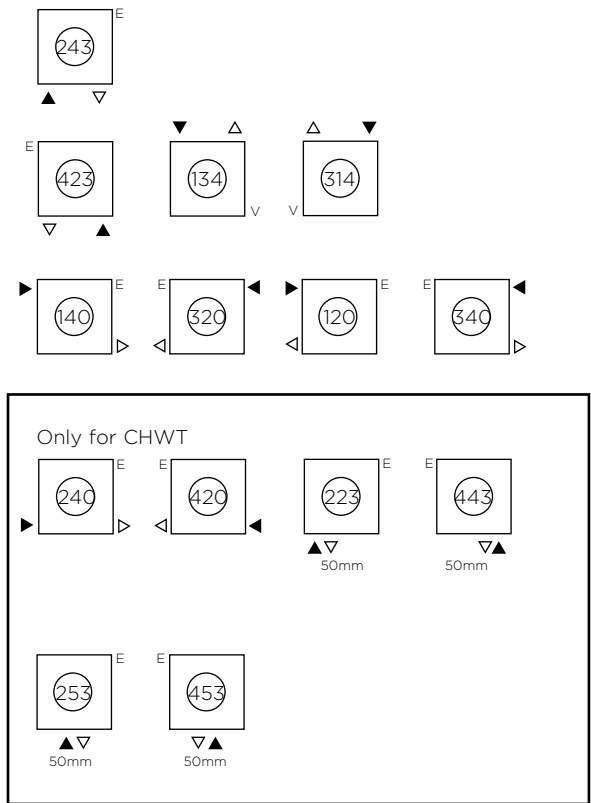
V: volume, M: weight, n: exponent, PΔT 50K: EN 442 output

**FINISH**

<b>Finish powder-coated</b>	<b>Code</b>	<b>Extra charge on RAL 9016</b>
White RAL9016 (standard)	0603	—
Classic and Trendy	See Runtal colour chart	+ 15 %
Metal Look	See Runtal colour chart	+ 25 %
Technoline (clear paint)	0325	+ 25 %
White Quartz	0521	+ 25 %

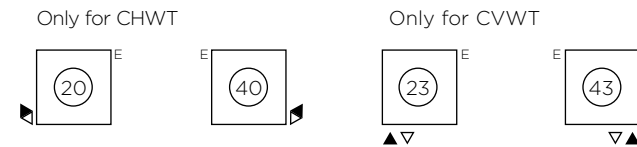
**TECHNICAL DATA**

Materials	Radiator made of steel. Round tubes Ø 12 mm squeezed at the end, header tubes Ø 38mm. Powder-coated in white RAL9016, available in the full range of colours as per Runtal colour chart or with a technoline (clear paint) surface
Operating pressure	Max. 4.0 bar (high pressure max. 10 bar, extra charge +15%)
Test pressure	(high pressure max. 13 bar, extra charge +15%)
Operating temperature	Max. 95 °C
Standard kit	Wall brackets in the same colour as radiator, assembly kit included in packaging
Connections	With the standard Ø ½" connections (on request ¾" or ¾") with internal thread, the following types of connections are possible. Flow ▲/▽ return at choice on left - or right-hand, Ø ½" air vent (E), drain (V)



NB: The connection must be made in accordance with the required specifications

Single entry connections



with Ø ½" connections the dip tube has Ø 12 mm  
with Ø ¾" connections the dip tube has Ø 14 mm

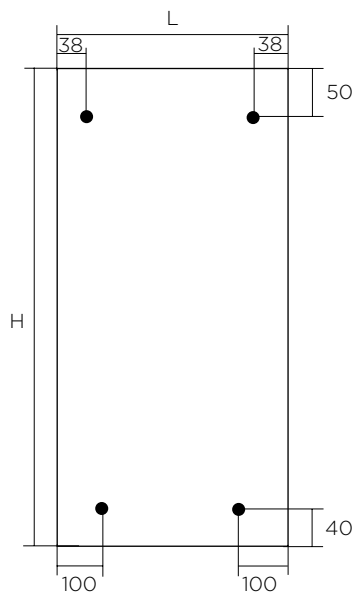
Standards

EC, EN 442

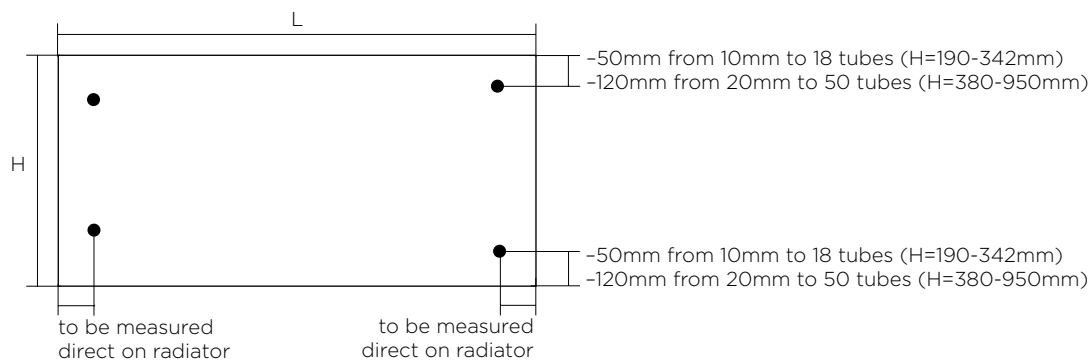
Valves

As per ACCESSORIES price list

# RUNTAL HT ONDA S MOUNTING INSTRUCTIONS



**VERTICAL MODEL  
CHWT**



**HORIZONTAL MODEL  
CHVT**

- H Height (mm)
- L Width (mm)
- Fixing point

For correct installation, please note the corresponding installation instructions



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