
RUNTAL ARTEPLANO

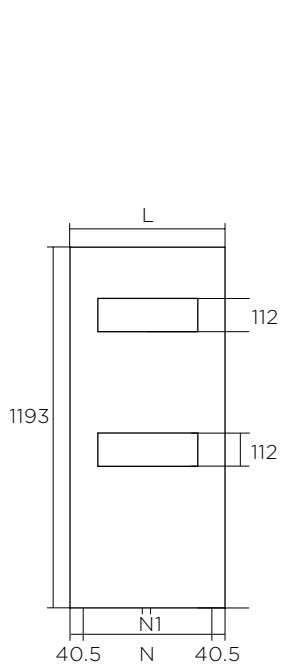
SATIN



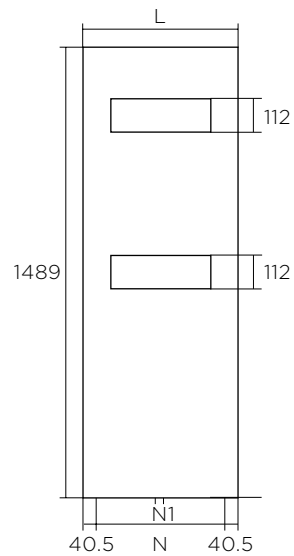
runtal

RUNTAL ARTEPLANO SATIN TECHNICAL SPECIFICATIONS

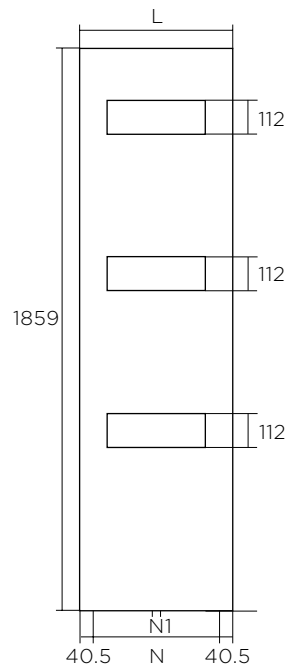
CENTRAL HEATING VERSION



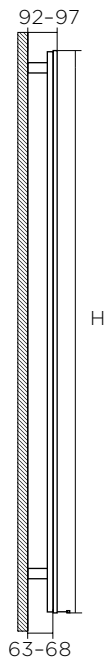
FRONT VIEW
VC-119-...



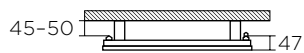
FRONT VIEW
VC-149-...



FRONT VIEW
VC-186-...



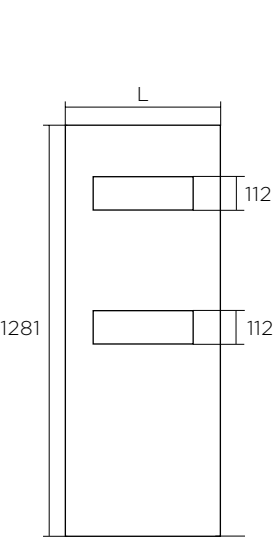
SIDE VIEW VC



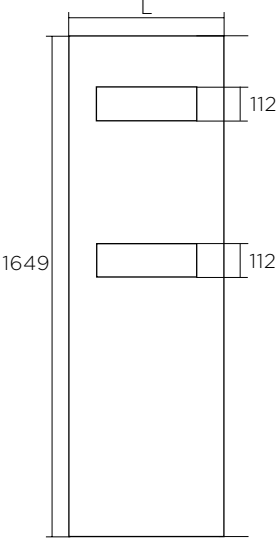
TOP VIEW VC

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

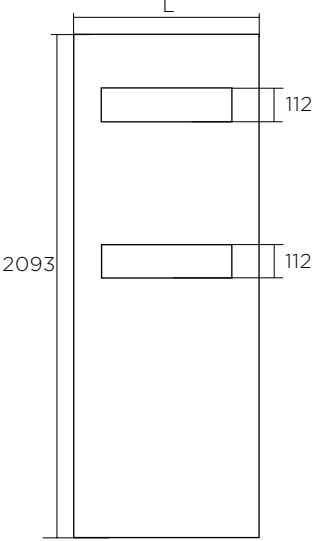
ELECTRIC ONLY VERSION



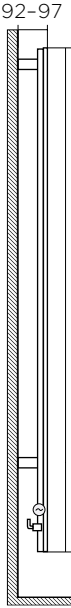
**FRONT VIEW
VCE-128-050-...**



**FRONT VIEW
VCE-165-050-...**



**FRONT VIEW
VCE-209-060-...**



SIDE VIEW VCE



TOP VIEW VCE

H Height (mm)
⊙ Electric immersion

RUNTAL ARTEPLANO SATIN

CENTRAL HEATING

Height 1193 mm	Width mm	N mm	N1 mm	V dm ³	M kg	n	P ΔT 50K Watt	Surface (Code)
VC-119-050	513	432	50	4.0	20.4	1.22	533	RAL9016 (0603)
VC-119-050	513	432	50	4.0	20.4	1.22	533	Anodised aluminium (0791)
VC-119-050	513	432	50	4.0	20.4	1.22	449	Stainless Steel (0792)

Height 1489 mm	Width mm	N mm	N1 mm	V dm ³	M kg	n	P ΔT 50K Watt	Surface (Code)
VC-149-050	513	432	50	5.1	26.0	1.22	661	RAL9016 (0603)
VC-149-050	513	432	50	5.1	26.0	1.22	661	Anodised aluminium (0791)
VC-149-050	513	432	50	5.1	26.0	1.22	547	Stainless Steel (0792)
VC-149-060	613	532	50	5.6	30.4	1.22	764	RAL9016 (0603)
VC-149-060	613	532	50	5.6	30.4	1.22	764	Anodised aluminium (0791)
VC-149-060	613	532	50	5.6	30.4	1.22	650	Stainless Steel (0792)

Height 1859 mm	Width mm	N mm	N1 mm	V dm ³	M kg	n	P ΔT 50K Watt	Surface (Code)
VC-186-050	513	432	50	6.2	32.2	1.20	797	RAL9016 (0603)
VC-186-050	513	432	50	6.2	32.2	1.20	797	Anodised aluminium (0791)
VC-186-050	513	432	50	6.2	32.2	1.20	669	Stainless Steel (0792)
VC-186-060	613	532	50	6.8	36.9	1.25	941	RAL9016 (0603)
VC-186-060	613	532	50	6.8	36.9	1.25	941	Anodised aluminium (0791)
VC-186-060	613	532	50	6.8	36.9	1.25	758	Stainless Steel (0792)

N: pipe centres, N1: pipe centres, V: volume, M: weight, n: exponent, P ΔT 50K: EN 442 output

ELECTRIC ONLY VERSION

Height 1279 mm	Width mm	M kg	EP Watt	Surface (Code)
VCE-128-050-FF	513	24.7	500	RAL9016 (0603)

Height 1649 mm	Width mm	M kg	EP Watt	Surface (Code)
VCE-165-050-FF	513	29.4	750	RAL9016 (0603)
VCE-165-050-FF	513	28.5	750	Anodised aluminium (0791)
VCE-165-050-FF	513	30.0	750	Stainless Steel (0792)

Height 2093 mm	Width mm	M kg	EP Watt	Surface (Code)
VCE-209-050-FF	513	34.4	1'000	RAL9016 (0603)
VCE-209-050-FF	513	35.7	1'000	Anodised aluminium (0791)
VCE-209-050-FF	513	37.7	1'000	Stainless Steel (0792)
VCE-209-060-FF	613	39.9	1'250	RAL9016 (0603)
VCE-209-060-FF	613	41.7	1'250	Anodised aluminium (0791)
VCE-209-060-FF	613	43.2	1'250	Stainless Steel (0792)

M: weight, EP: electrical power

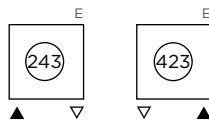
FINISHES

Powder-coated finish	Code	Extra charge on RAL 9016
White RAL9016 (standard)	0603	—
Classic and Trendy	See Runtal colour chart	15%
Metal Look (Inox Look not available)	See Runtal colour chart	25%
White Quartz	0521	25%

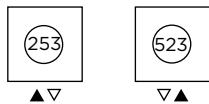
Processed finish (see brochure RUNTAL ARTEPLANO)	Code	Basic radiator
Anodised aluminium	0791	RAL9006
Stainless steel	0792	RAL9007

TECHNICAL DATA

Materials	Flat front made of steel, powder-coated as per Runtal colour chart or with high-quality finish. Header 37×32 mm and flat oval tube 70×8 mm made from steel
Operating pressure	Standard max. 4.6 bar, high pressure max. 10 bar (extra charge 15%)
Test pressure	Standard 6.0 bar, high pressure 13.0 bar (extra charge 15%)
Operating temperature	Max. 80 °C
Standard kit	Wall brackets in same colour as radiator and air vent included in packaging
Valves	As per ACCESSORIES price list
Connections	With the standard connections (code 243/423) 2×½" internal thread, the following connections are possible. ½" flow (▲)/return (▼), on left or right, bottom vertical, on alternating sides, with ½" air vent (E)

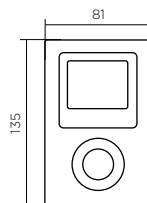


Optional 50 mm pipe centre connections:



Additional price: € 80

Pressure loss Δp	Inlet and outlet resistance per radiator for water flow rates of up to 1 m/s $\zeta = 4.0$.
Single-entry systems	Only possible with valves for vertical installation. Installation in ½" connection, on left or right. Only single-entry systems with dip tube (at least 120 mm in length) may be used
Electric-only model	Filled with non-flammable, non-toxic heat transfer fluid, frostproof up to -20 °C, immersion heater 1×230 V, 50 Hz +/- 10%. Standard fitted in bottom right. Includes radio frequency control unit with integrated timer/programming function



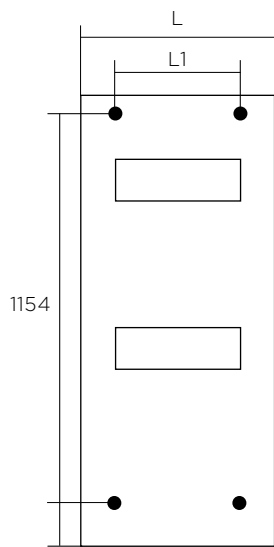
Radio frequency control unit with timer/programming function

- Control unit
- Room temperature control
 - Daily and weekly programme
 - Operating modes: frost protection
 - Economy programme, comfort, automatic, manual, off
 - Wall-mounted or free-standing

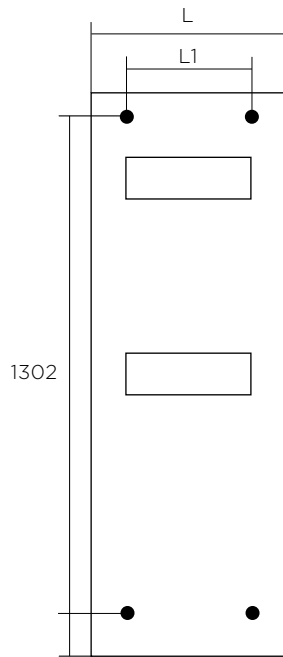
Mains connection: 2.0 m power cable with 2 pole Euro plug T11
Degree of protection: Class II IP44 (splash water) with CE-marking

Position of electrical connection	The electrical connection must be performed by an electrician in accordance with applicable regulations.
Standards	CE , EN 442

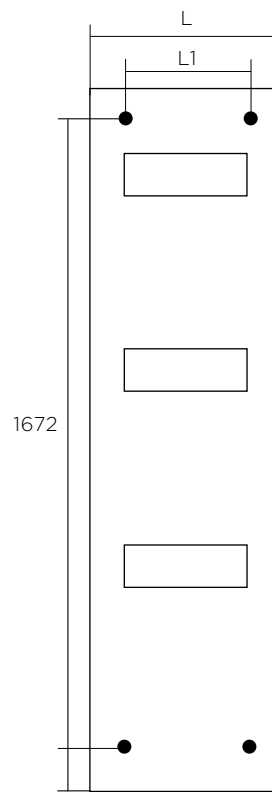
RUNTAL ARTEPLANO SATIN MOUNTING INSTRUCTIONS



VC-119



VC-149



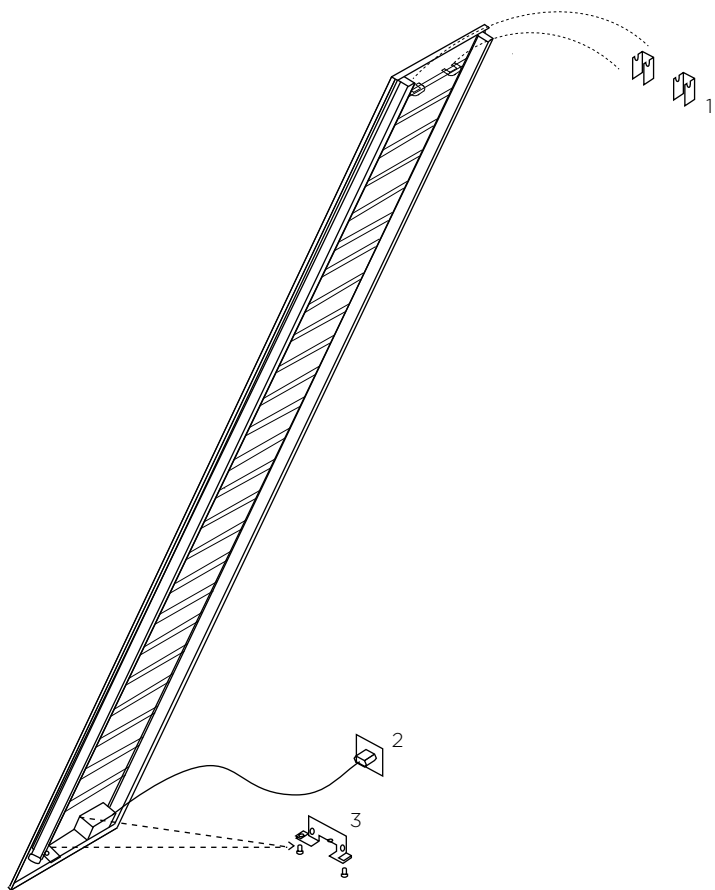
VC-186

L	L1
513mm	200mm
613 mm	300mm

- L Width (mm)
- Fixing point

For correct radiator installation, please note the corresponding installation instructions

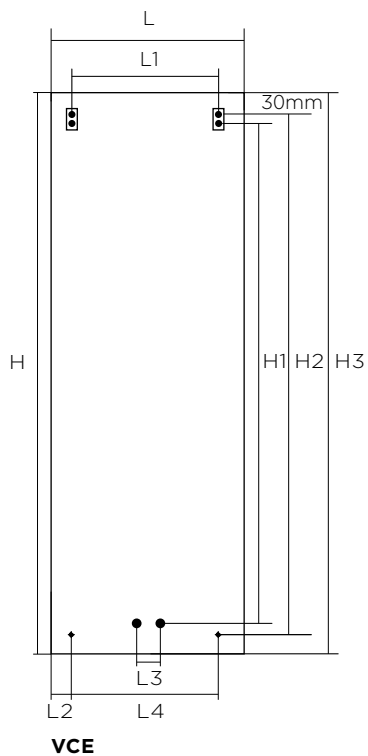
RUNTAL ARTEPLANO SATIN MOUNTING INSTRUCTIONS



VCE

- 1 Movable fixing on top for easy mounting and service access
- 2 Electric plug
- 3 Fixation at bottom for interlock

RUNTAL ARTEPLANO SATIN MOUNTING INSTRUCTIONS



L (mm)					H (mm)			
L	L1	L2	L3	L4	H	H1	H2	H3
513	188	216	70	140	1281	1009	1060	1197
513	188	216	70	140	1694	1377	1428	1565
513	188	216	70	140	2093	1821	1872	2009
613	288	316	79	140	2093	1821	1872	2009

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

For correct radiator installation, please note the corresponding installation instructions

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Runtal Arteplano Satin Price list 213 EN-INT 08/11.
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