

2020 Radiator Guide



Ecostyle CV and PCV Panel Radiators
Designer Tube and Towel Bar Radiators
Radiator Valves and Fittings
Intelligent Fan Convectors



Leader in sustainable indoor climate comfort solutions

Quality and reliability is what has made Purmo into one of the most trusted names in heating products. Whether they are Purmo's tubular radiators or Ecostyle radiant panels, all are engineered and manufactured to the highest standards.

Purmo Group is Europe's leader in sustainable indoor climate comfort. Their comprehensive product offering includes steel radiators, towel warmers, under floor heating components, convectors, valves and controls. Purmo Group manufactures and distributes products to customers in over 100 countries.

In North America, Purmo Group's products are distributed by QHT, located in Portsmouth, NH. QHT's wholesale distributors are spread across the USA and Canada. QHT provides product application support, specialized packaging and after-sales services through local networks of plumbing and heating professionals.

If you have any questions or suggestions, please call QHT at 800-501-7697.

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The New Style of Warmth

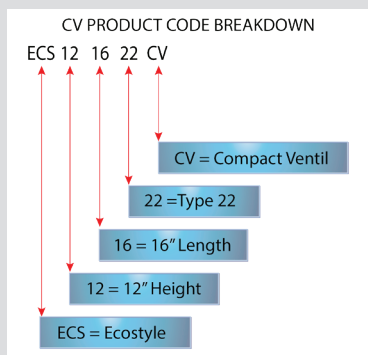
ECOSTYLE CV PANEL RADIATORS



The versatile Ecostyle CV panel radiators with stylish fluting and concealed convector fins provide warmth and style to your home's heating system. Ecostyle panels are equipped with six ½" female connections which allow bottom or side connections. They are also equipped with a built-in thermostatic valve body to provide individual room temperature control and clamp brackets to improve installation as well as contoured side covers and top grille.

Technical Specifications

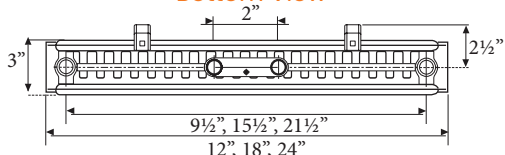
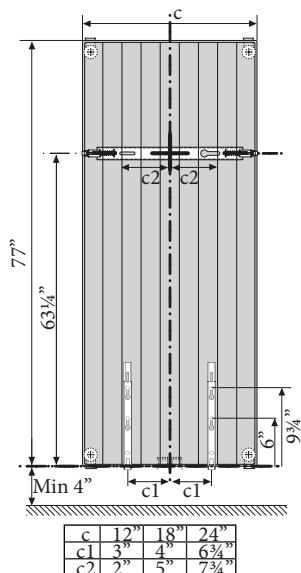
- Material : High quality, low carbon, cold rolled DC01 steel in accordance with PN-EN 10130
- Water channel spacing: 1.3 inches
- Connections: 2 - ½" bottom and 4 - ½" side connections
- Working pressure: 147 psi •Test Pressure: 191 psi
- Color: RAL 9016 white, other colors are available upon special request
- Package of clamp brackets are packed in radiator packaging
- Plugs, air vent and TRV are installed in radiator



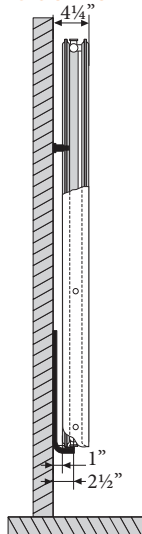
ECOSTYLE CV- DIMENSIONS AND OUTPUTS

Vertical Type 21

NOTE: Vertical CV radiators can not use a internal thermostatic valve body.

[Back View](#)

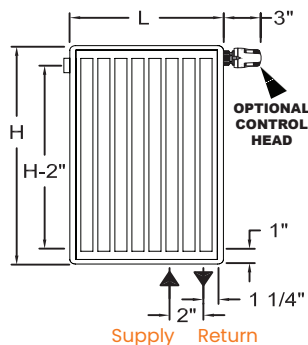
Side View



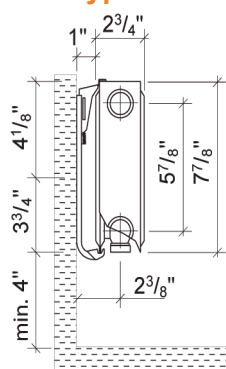
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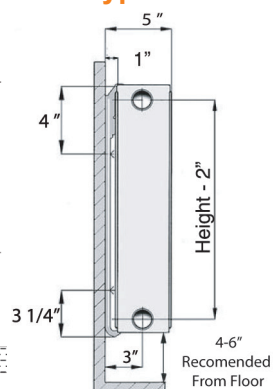
Horizontal Type 21 & 22



Type 21



Type 22



CV - STEEL PANEL RADIATORS

Product Code	Height (inch)	Length (inch)	Output (BTU/HR) @ 180°F x 68°F**	Output (BTU/HR) @ 140°F x 68°F**	Weight (lbs)	Water Content (gal)	UPC #	
ECS82421CV	8"	24"	1,346	781	14	.40	6418569225392	
ECS83621CV		36"	2,022	1,173	22	.60	6418569225422	
ECS84821CV		48"	2,698	1,565	29	.80	6418569225453	
ECS85621CV		56"	3,147	1,825	34	.90	6418569225460	
ECS87121CV		71"	4,046	2,347	43	1.2	6418569225484	
ECS89221CV		92"	5,172	3,000	55	1.5	6418569225507	
ECS812021CV	12"	120"	6,742	3,910	77	2.0	6418569225521	
ECS121622CV		16"	1,705	1,031	15	.37	5907814707499	
ECS122422CV		24"	2,562	1,548	22	.53	5907814707512	
ECS123222CV		32"	3,414	2,064	29	.71	5907814707536	
ECS124022CV		40"	4,266	2,579	37	.90	5907814707550	
ECS124822CV		48"	5,119	3,094	44	1.08	5907814707574	
ECS125622CV	16"	56"	5,971	3,610	51	1.27	5907814707598	
ECS126422CV		64"	6,828	4,128	58	1.43	5907814707604	
ECS161622CV		16"	2,167	1,310	20	.48	5907814712769	
ECS162422CV		24"	3,254	1,967	30	.71	5907814712783	
ECS163222CV		32"	4,337	2,622	40	.95	5907814712806	
ECS164022CV		40"	5,421	3,277	49	1.19	5907814712820	
ECS164822CV	20"	48"	6,504	3,932	59	1.43	5907814712844	
ECS165622CV		56"	7,587	4,586	69	1.66	5907814712868	
ECS166422CV		64"	8,675	5,244	78	1.90	5907814712875	
ECS167122CV		71"	9,758	5,899	88	2.11	5907814712882	
ECS201622CV		16"	2,610	1,578	25	.58	5907814714299	
ECS202422CV		24"	3,916	2,367	37	.87	5907814714312	
ECS203222CV	24"	32"	5,221	3,156	50	1.14	5907814714336	
ECS204022CV		40"	6,526	3,945	62	1.43	5907814714350	
ECS204822CV		48"	7,831	4,734	74	1.72	5907814714374	
ECS205622CV		56"	9,137	5,523	86	2.01	5907814714398	
ECS206422CV		64"	10,442	6,312	98	2.30	5907814714404	
ECS241622CV		36"	16"	3,037	1,836	30	.69	5907814707833
ECS242422CV	24"		4,551	2,751	45	1.06	5907814707857	
ECS243222CV	32"		6,069	3,669	60	1.40	5907814707871	
ECS244022CV	40"		7,587	4,586	74	1.74	5907814707895	
ECS244822CV	48"		9,106	5,504	89	2.09	5907814707918	
ECS245622CV	56"		10,624	6,422	104	2.43	5907814707932	
ECS246422CV	77"	64"	12,138	7,337	118	2.80	5907814707949	
ECS247122CV		71"	13,656	8,255	133	3.14	5907814707956	
ECS361622CV		36"	16"	4,240	2,563	46	.95	5907814708007
ECS362422CV			24"	6,362	3,846	68	1.43	5907814708021
ECS363222CV			32"	8,480	5,126	90	1.90	5907814708045
ECS363622CV			36"	9,544	5,822	101	2.1	5907814708052
ECS364022CV	40"		10,602	6,409	112	2.38	5907814708069	
ECS364822CV	48"		12,724	7,691	135	2.85	5907814708083	
ECS771221CV	77"	12"	3,903	2,340	61	1.9		
ECS771821CV		18"	5,848	3,509	91	2.9		
ECS772421CV		24"	7,793	4,674	122	3.9		

Outputs based on supply temperatures shown, 20° F ΔT and 68° F Room Temperature

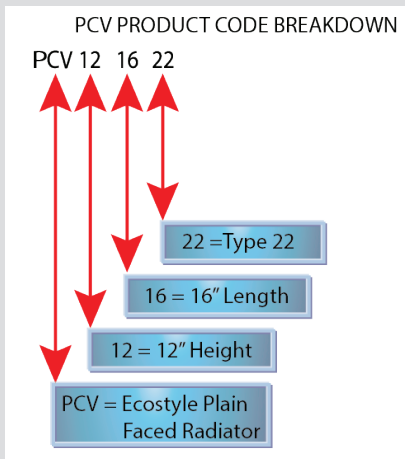
ECOSTYLE PCV PANEL RADIATORS



The PCV radiators stand out due to their smooth flat faced panel. They provide increased warmth, efficiency and style blending in with traditional and modern decor. PCV panels are equipped with six ½" female connections which allow bottom and side connections. And are also equipped with a built-in thermostatic valve body to provide individual room temperature control and clamp brackets to ease installation as well as contoured side covers and top grille.

Technical Specifications

- Material: High quality, low carbon, cold rolled DC01 steel in accordance with PN-EN 10130
- Water channel spacing: 1.3 inches
- Connections and 4- ½" side connections, 2- ½" bottom connections
- Working pressure: 147 PSI • Test Pressure: 191 psi
- Color: RAL 9016 white, other colors are available upon special request
- Package of clamp brackets are packed in radiator packaging
- Plugs, air vent and TRV are installed in radiator



PCV- DIMENSIONS AND OUTPUTS

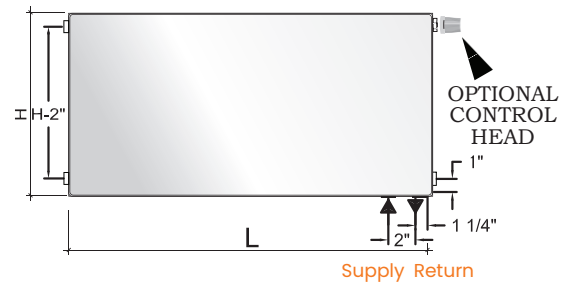
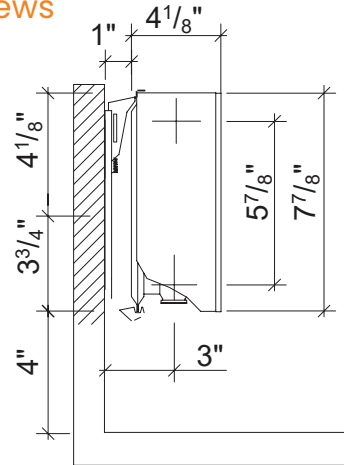
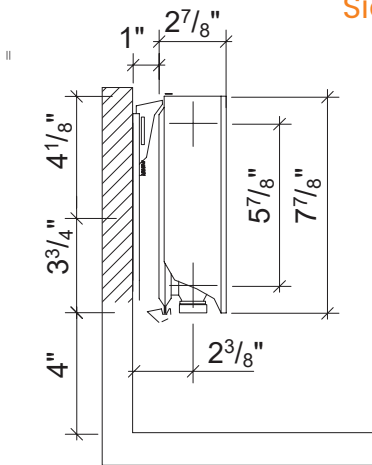
Type 21

Type 22

Type 21 & 22

Side views

Front view



PCV- STEEL PANEL RADIATORS							
Product Code	Height (inch)	Length (inch)	Output (BTU/HR) @ 180°F x 68°F**	Output (BTU/HR) @ 140°F x 68°F**	Weight (lbs)	Water Content (gal)	UPC #
PCV082421	8"	24"	1,346	781	17	.40	6418569229802
PCV083621		36"	2,022	1,173	27	.60	6418569229864
PCV084821		48"	2,698	1,565	35	.80	6418569229925
PCV085621		56"	3,147	1,825	41	.90	6418569229949
PCV087121		71"	4,046	2,347	52	1.2	6418569229987
PCV089221		92"	5,172	3,000	67	1.5	6418569230020
PCV0812021	12"	120"	6,742	3,910	94	2.0	6418569230068
PCV121622		16"	1,705	1,031	18	.37	6418569617272
PCV122422		24"	2,562	1,548	27	.53	6418569617302
PCV123222		32"	3,414	2,064	35	.71	6418569617357
PCV124022		40"	4,266	2,579	45	.90	6418569617395
PCV124822		48"	5,119	3,094	54	1.08	6418569617425
PCV125622	16"	56"	5,971	3,610	62	1.27	6418569617456
PCV126422		64"	6,828	4,128	71	1.43	6418569617470
PCV161622		16"	2,167	1,310	24	.48	6418569617616
PCV162422		24"	3,254	1,967	37	.71	6418569617647
PCV163222		32"	4,337	2,622	49	.95	6418569617685
PCV164022		40"	5,421	3,277	60	1.19	6418569617722
PCV164822	20"	48"	6,504	3,932	72	1.43	6418569617760
PCV165622		56"	7,587	4,586	84	1.66	6418569617784
PCV166422		64"	8,675	5,244	95	1.90	6418569617807
PCV167122		71"	9,758	5,899	107	2.11	6418569617821
PCV201622		16"	2,610	1,578	30	.58	6418569617937
PCV202422		24"	3,916	2,367	45	.87	6418569617968
PCV203222	24"	32"	5,221	3,156	61	1.14	6418569618002
PCV204022		40"	6,526	3,945	76	1.43	6418569618057
PCV204822		48"	7,831	4,734	90	1.72	6418569618095
PCV205622		56"	9,137	5,523	105	2.01	6418569618132
PCV206422		64"	10,442	6,312	120	2.30	6418569618156
PCV241622		16"	3,037	1,836	37	.69	6418569618286
PCV242422	36"	24"	4,551	2,751	55	1.06	6418569618323
PCV243222		32"	6,069	3,669	73	1.40	6418569618361
PCV244022		40"	7,587	4,586	90	1.74	6418569618408
PCV244822		48"	9,106	5,504	109	2.09	6418569618446
PCV245622		56"	10,624	6,422	127	2.43	6418569618484
PCV246422		64"	12,138	7,337	144	2.80	6418569618507
PCV247122	36"	71"	13,656	8,255	162	3.14	6418569618521
PCV361622		16"	4,240	2,563	56	.95	6418569618620
PCV362422		24"	6,362	3,846	83	1.43	6418569618668
PCV363222		32"	8,480	5,126	110	1.90	6418569618705
PCV364022		40"	10,602	6,409	137	2.38	6418569618743
PCV364822		48"	12,724	7,691	165	2.85	6418569618781

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Outputs based on supply temperatures shown, 20° F ΔT and 68° F Room Temperature



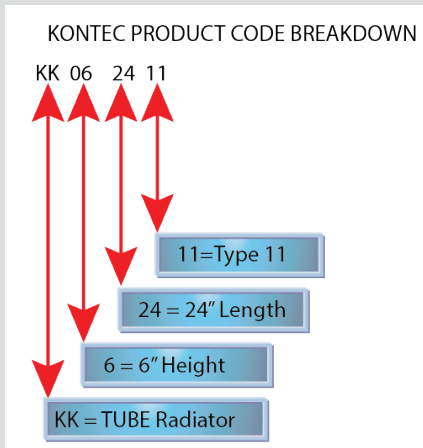
KONTEC TUBE RADIATORS

The “Kontec” architectural, flat tube, radiators are ideal for providing warmth, style and efficiency to your living space. With their horizontal arrays of flattened tubes, Kontec radiators will supply comfortable heat at low flow temperatures eliminating drafts and cold spots. Convector fins welded to the tubes on the back of the radiator help increase heat transfer from the boiler water to the room space. Kontec panels are available in a variety of sizes to fit almost any requirement.

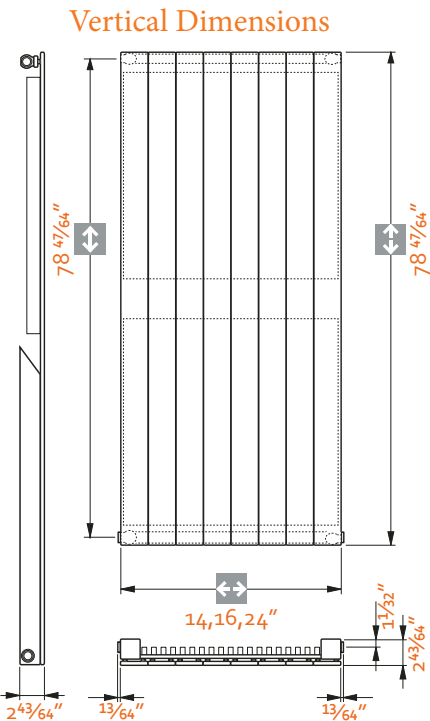
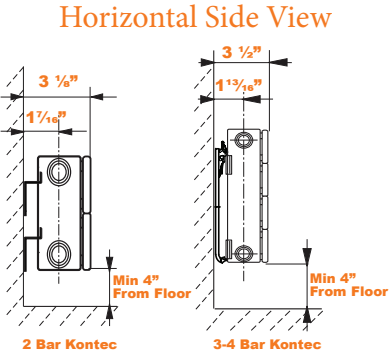
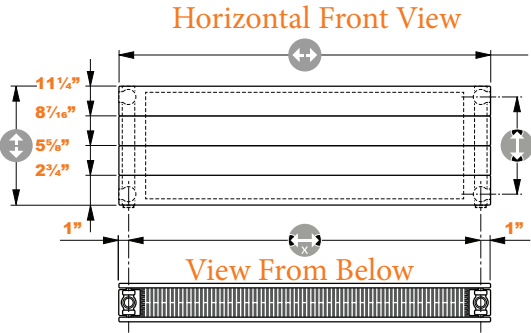
Technical Specifications

- Material : High quality, low carbon, cold rolled DC01 steel in accordance with PN-EN 10130
- Connections: 4-1/2” side connections
- Working pressure: 72 PSI, 116 PSI with special order
- Test Pressure: 150 PSI
- Color: RAL 9016 white, other colors are available upon special request
- Accessories: Installation brackets included (packaged separately)
- Plugs and air vent are (packaged separately)

NOTE: Kontec does not have option for a internal thermostatic valve.



KONTEC-DIMENSIONS AND OUTPUTS

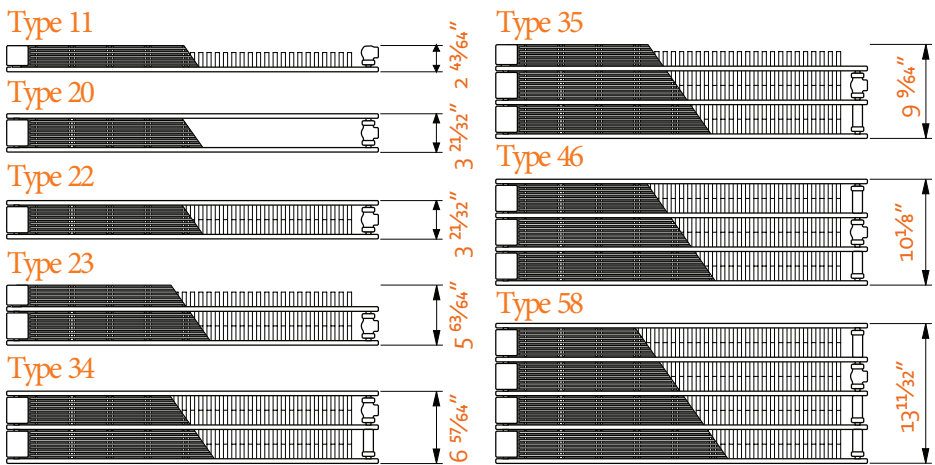


Horizontal Panels All Kontec Radiators Have 4 - 1/2" Side Connections

Radiator Model	Type	Tubes	Height (in)	Length (in)	Output (BTU/HR) @ 180°F	Output (BTU/HR) @ 140°F	Weight (lbs)	Water Content (gal)	UPC#
KK062411	11	2	5 5/8"	24	1,254	702	11	0.18	6438149243783
KK063611				36	1,881	1,055	16	0.27	6438149243844
KK064811				48	2,508	1,404	21	0.36	6438149243905
KK066311				63	3,150	1,843	28	0.47	6438149243981
KK067111				71	3,762	2,077	31	0.53	6438149244025
KK068711				87	4,423	2,545	38	0.65	6438149244087
KK069511				95	5,016	2,780	42	0.72	6438149244100
KK0611911				119	6,270	3,510	54	1.00	6438149244162
KK092411	11	3	8 7/16"	24	1,518	849	15	0.26	6438149244308
KK093611				36	2,282	1,277	22	0.39	6438149244346
KK094811				48	3,041	1,702	30	0.52	6438149244421
KK096311				63	4,051	2,267	39	0.69	6438149244506
KK097111				71	4,558	2,551	44	0.78	6438149244544
KK099511				95	6,082	3,404	59	1.05	6438149244629
KK0911911				119	7,599	4,253	61	1.57	6438149244681
KK122411	11	4	11 1/4"	24	1,754	888	20	0.40	6438149244827
KK123611				36	2,631	1,332	30	0.50	6438149244889
KK124811				48	3,508	1,776	39	0.70	6438149244940
KK126311				63	4,604	2,331	52	0.90	6438149245022
KK127111				71	5,262	2,664	59	1.10	6438149245060
KK129511				95	6,797	3,441	76	1.40	6438149245145
KS791411	11	5	78 47/64"	14	3,865	2,163	59	1.32	
KS791711		6		17	4,646	2,600	70	1.54	
KS792311		8		24	5,421	3,034	80	1.77	

**outputs based on water supply temperatures @ 20°Δ T x 68°F room temperature
All Kontec Radiators: Test Pressure: 150 psi Max Operating Pressure: 72 psi

The following additional types are available with heights up to 31" and lengths up to 95" Please contact us for more information!



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RADIATOR VALVES AND FITTINGS

Radiator Fittings



RV-NA10534

Universal PEX Fittings
Compatible with any ASTM F876 single layer PEX.
Max. working pressure: 150 psi.
Working temperature: 41-180°F.
Chrome plated nut.



RV-NA10535

Sweat and Compression fittings fit 1/2" copper.
Max. working pressure: 150 psi.
Working temperature: 41-250°F.
Chrome plated nut.

ALL FITTINGS COME WITH CONICAL RADIATOR ADAPTER

PART #	DESCRIPTION
RV-NA10536	3/8" Nominal PEX
RV-NA10534	1/2" Nominal PEX
RV-NA10537	5/8" Nominal PEX
RV-NA10535	1/2" Copper Sweat
RV-NA10555	1/2" Copper Compression

SOLD AS A PAIR

Radiator Valves For Bottom Connections

(ONLY WORKS WITH ECOSTYLE CV, RCV,PCV AND NARBONNE WITH BOTTOM CONNECTIONS)



RV-NA10530



RV-NA10532



RV-NA10531



RV-NA10533

Valves for panel radiators that have built-in thermostatic valve unit. Available in two-pipe straight and angled versions. These Valves fit 1/2" female radiator adapters supplied with fittings. Diverter valves allow a by-pass of 30 to 50%. Factory set for 35%.

Max. working pressure: 150 psi.

Max. working temperature: 212°F.

PART #	DESCRIPTION
RV-NA10530	1/2" Straight Isolation
RV-NA10531	1/2" Angled Isolation
RV-NA10532	1/2" Straight Diverter
RV-NA10533	1/2" Angled Diverter

Radiator Valves For Side Connections

(WORKS WITH ALL RADIATORS)



RV-338452



RV-342452



RV-339452



RV-343452

Angled and Straight radiator valves. Thermostatic versions allow use of a Non-Electric actuator for room temperature control.

Chrome plated.
Max. working pressure: 150 psi.
Temperature range: 40-212°F.

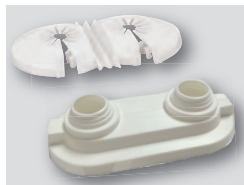
PART #	DESCRIPTION
RV-338452	1/2" Angled Thermostatic
RV-339452	1/2" Straight Thermostatic
RV-342452	1/2" Angled Shutoff
RV-343452	1/2" Straight Shutoff

Radiator Accessories

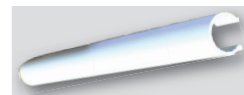


Thermostatic control head fits radiator valves. Set point locking mechanism. Range stop adjustment. Built-in sensor with liquid-filled element. Fits valve 220, 221, 338 and 339 series. Graduated scale from * to 5 corresponding to a temperature scale adjustment range of 45-82°F (7-28°C).

PART #	DESCRIPTION
RV-200000	Thermostatic Head (White)
RV-200013	Thermostatic Head (Chrome)



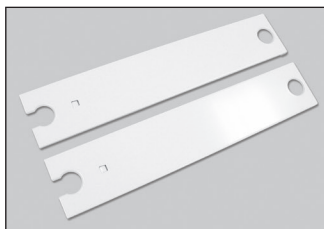
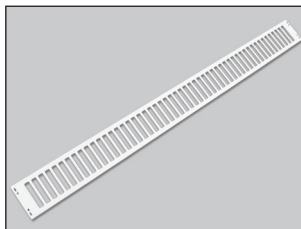
Fits dual panel radiator valves. White ABS plastic. Outlet center distance: 2" on center.



PART #	DESCRIPTION
RV-449740	2 Pipe Flex Escutcheon
RV-12550	2 Pipe Rigid Escutcheon
RV-8W SNAP	8" Snap On Pipe Cover
RV-39W SNAP	39" Snap On Pipe Cover

RADIATOR ACCESSORIES

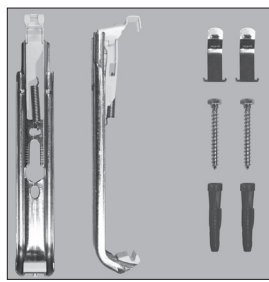
Ecostyle CV, RCV, PCV Spare Parts



PART #	DESCRIPTION
ECS16 TG	Top Grill For 16" Ecostyle CV, RCV, PCV Type 22
ECS24 TG	Top Grill For 24" Ecostyle CV, RCV, PCV Type 22
ECS24 TG8	Top Grill For 24" Ecostyle CV, RCV, PCV Type 21
ECS32 TG	Top Grill For 32" Ecostyle CV, RCV, PCV Type 22
ECS36 TG8	Top Grill For 36" Ecostyle CV, RCV, PCV Type 21
ECS40 TG	Top Grill For 40" Ecostyle CV, RCV, PCV Type 22
ECS48 TG	Top Grill For 48" Ecostyle CV, RCV, PCV Type 22
ECS48 TG8	Top Grill For 48" Ecostyle CV, RCV, PCV Type 21
ECS56 TG	Top Grill For 56" Ecostyle CV, RCV, PCV Type 22
ECS56 TG8	Top Grill For 56" Ecostyle CV, RCV, PCV Type 21
ECS64 TG	Top Grill For 64" Ecostyle CV, RCV, PCV Type 22
ECS71 TG	Top Grill For 71" Ecostyle CV, RCV, PCV Type 22
ECS72 TG8	Top Grill For 72" Ecostyle CV, RCV, PCV Type 21
ECS92 TG8	Top Grill For 92" Ecostyle CV, RCV, PCV Type 21
ECS120TG8	Top Grill For 120" Ecostyle CV, RCV, PCV Type 21
ECS8 SP	Side Panel For 8" Ecostyle CV, RCV, PCV Type 21
ECS12 SP	Side Panel For 12" Ecostyle CV, RCV, PCV Type 22
ECS16 SP	Side Panel For 16" Ecostyle CV, RCV, PCV Type 22
ECS20 SP	Side Panel For 20" Ecostyle CV, RCV, PCV Type 22
ECS24 SP	Side Panel For 24" Ecostyle CV, RCV, PCV Type 22
ECS36 SP	Side Panel For 36" Ecostyle CV, RCV, PCV Type 22

Type 11

Type 21,22



Floor Brackets:
Works with 8, 12, 16, 20, 24" height radiators. Radiator floor mounting bracket. In white. Bolt down design with plastic cover to hide plate and screws.



PART #	DESCRIPTION
ECS-FLRBRKT	FLOOR BRACKET FITS TYPE 21,22
	FLOOR BRACKET FITS TYPE 11
ECS8CLAMP	Radiator Wall Bracket Type 21
ECS12CLAMP	Radiator Wall Bracket Type 22
ECS16CLAMP	Radiator Wall Bracket Type 22
ECS20CLAMP	Radiator Wall Bracket Type 22
ECS24CLAMP	Radiator Wall Bracket Type 22
ECS36CLAMP	Radiator Wall Bracket Type 22
RV-50425	TOGGLER 1/4-20 X 2 1/2 Drywall Anchor (sold in pack of 10)

Kontec Spare Parts

COMING SOON

COMING SOON

PART #	DESCRIPTION
NH1124 TG	Top Grill For 24" Kontec/Narbonne Type 11
NH1136 TG	Top Grill For 36" Kontec/Narbonne Type 11
NH1148 TG	Top Grill For 48" Kontec/Narbonne Type 11
NH1163 TG	Top Grill For 63" Kontec/Narbonne Type 11
NH1171 TG	Top Grill For 71" Kontec/Narbonne Type 11
NH1187 TG	Top Grill For 87" Kontec/Narbonne Type 11
NH1195 TG	Top Grill For 95" Kontec/Narbonne Type 11
NH1119 TG	Top Grill For 119" Kontec/Narbonne Type 11
NV1114 TG	Top Grill For 14" Wide Vertical Kontec/Narbonne Type 11
NV1117 TG	Top Grill For 17" Wide Vertical Kontec/Narbonne Type 11
NV1123 TG	Top Grill For 23" Wide Vertical Kontec/Narbonne Type 11
NV1129 TG	Top Grill For 29" Wide Vertical Kontec/Narbonne Type 11
NH1106 SP	Side Panel For 06" Kontec/Narbonne Type 11
NH1109 SP	Side Panel For 09" Kontec/Narbonne Type 11
NH1117 SP	Side Panel For 17" Kontec/Narbonne Type 11
NV1179 SP	Side Panel For 79" Kontec/Narbonne Type 11



COMING SOON

PART #	DESCRIPTION
	Kontec/Narbonne 2 Tube (Left) End Cap
	Kontec/Narbonne 2 Tube (Right) End Cap
	Kontec/Narbonne 2 Tube Inside Corner Joiner
	Kontec/Narbonne 2 Tube Outside Corner Joiner
	Kontec/Narbonne 2 Tube Center Joiner



ECOSTYLE TOWEL BARS

Bringing together premium quality and efficiency with designer looks, the Ecostyle Towel Bars are tubular radiators that have been used in Europe to heat towels as well as whole bathrooms, kitchens, and hallways, without wasting valuable wall space. These towel bars provide comfort and elegance to all types of interiors.

Available in both straight or curved bar design, they can be ordered in white or chrome with outputs ranging from 1,346 BTU/HR to 3,967 BTU/HR. Their compact profile being 24 inches wide and either 33, 48, 59 or 70 inches tall enables them to fit in tight spots

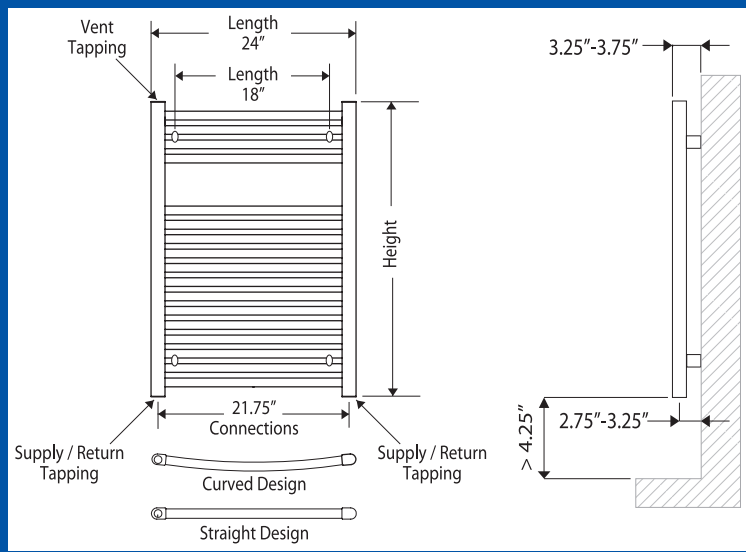
Ecostyle Towel Bars have two ½" bottom connections, a top air vent connection and are available with non-electric thermostatic heads and valve sets.

Technical Specifications

- Materials: High quality, low carbon, cold rolled DC01 steel in accordance with PN-EN 10130
- Water column spacing: 1 ½" inches • Working pressure: 116 psi
- Connections: 2 – ½" bottom connections, 1 – ½" top connection (for air vent)
- Color: RAL 9016 white, other colors are available upon special request
- Accessories: Package containing mounting brackets, plug and air vent



ECOSTYLE TOWEL BARS- DIMENSIONS AND OUTPUTS

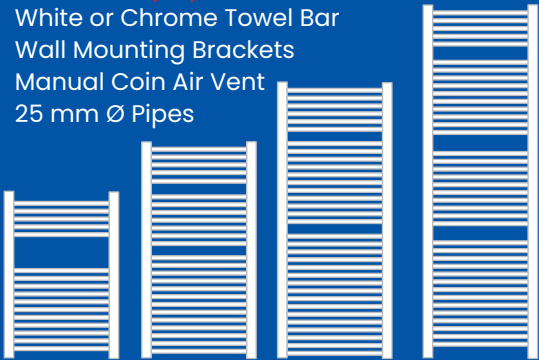


Optional Equipment

- Valve Kits (White & Chrome)
- Automatic Hygroscopic Air Vent

Included Equipment

- White or Chrome Towel Bar
- Wall Mounting Brackets
- Manual Coin Air Vent
- 25 mm Ø Pipes



Ecostyle Towel Bars 3-1/2" Pipe Connection

WHITE Straight Towel Bar Radiators				UPC#
Product Code	Height (in)	Output (BTU/HR) @ 180°F	Output (BTU/HR) @ 140°F	
ECS33.24SW	33	1,972	1,056	10RO17300
ECS48.24SW	48	2,881	1,519	10RO16060
ECS59.24SW	59	3,463	1,831	10RO16370
ECS70.24SW	70	3,967	2,103	10RO16680

CHROME Straight Towel Bar Radiators				UPC#
Product Code	Height (in)	Output (BTU/HR) @ 180°F	Output (BTU/HR) @ 140°F	
ECS33.24SC	33	1,346	712	10RO33780
ECS48.24SC	48	1,869	975	10RO33980
ECS59.24SC	59	2,291	1,194	10RO34180

WHITE Curved Towel Bar Radiators				UPC#
Product Code	Height (in)	Output (BTU/HR) @ 180°F	Output (BTU/HR) @ 140°F	
ECS33.24CW	33	1,972	1,056	10RO42850
ECS48.24CW	48	2,881	1,519	10RO41480
ECS59.24CW	59	3,463	1,831	10RO41640
ECS70.24CW	70	3,967	2,103	10RO42550

CHROME Curved Towel Bar Radiators				UPC#
Product Code	Height (in)	Output (BTU/HR) @ 180°F	Output (BTU/HR) @ 140°F	
ECS48.24CC	48	1,869	975	10RO48500
ECS59.24CC	59	2,291	1,194	10RO52450

Note: Outputs based on supply water temperature shown, 20°F ΔT and 68°F Room Temperature.



TOWEL BAR ROBE HOOKS	
Finish	Part Number
WHITE	ECS388132
CHROME	ECS388133



AUTOMATIC HYGROSCOPIC AIR VENT		UPC#
PART #	DESCRIPTION	
RV-508041	1/2" NPT Male	8016615010367
RV-508100	Replacement Cartridge	8016615068627

TOWEL BAR VALVES AND FITTINGS

Finished Towel Bar Valves



Pair consisting of:
 - Double angled convertible radiator valve fitted for thermostatic control head
 - Lockshield valve, double angled connections
 - Two pipe coverings/wall covering shells and allen key.

Max working pressure: 145 psi.

Temperature Range: 41-212°F.

Choose which side you would like the Valve to be on.

PART #	DESCRIPTION	COLOR
RV-400301	Right side valve	White
RV-400401	Left side valve	White
RV-400300	Right side valve	Chrome
RV-400400	Left side valve	Chrome



Thermostatic control head:
 - Built-in sensor with liquid filled element
 - For finished towel bar valves
 - Comes with adapter, and tamper proof cap.
 Graduated temperature from: * - 5 = 44 - 82°F.

PART #	DESCRIPTION	COLOR
RV-205005	Thermostatic Head	White
RV-200013	Thermostatic Head	Chrome



These fittings only work on Finished Valves.

Compatible with single and multilayer PEX.
 Max. working pressure: 150 psi.
 Working temperature: 41-180°F.
 Chrome plated nut.

SOLD AS A PAIR

PART #	DESCRIPTION
RV-681101	3/8" Compression PEX
RV-681124	1/2" Compression PEX
RV-437016	1/2" Compression Copper

Basic Towel Bar Valves



Angled and Straight radiator valves.
 Thermostatic versions allow use of a Non-Electric actuator for room temperature control.
 Chrome plated.
 Max. working pressure: 150 psi.
 Temperature range: 40-212°F.

PART #	DESCRIPTION
RV-338452	1/2" Angled Thermostatic
RV-339452	1/2" Straight Thermostatic
RV-342452	1/2" Angled Shutoff
RV-343452	1/2" Straight Shutoff



Thermostatic control head fits radiator valves.
 Set point locking mechanism.
 Range stop adjustment.
 Built-in sensor with liquid-filled element.
 Fits valve 220, 221, 338 and 339 series.
 Graduated scale from * to 5 corresponding to a temperature scale adjustment range of 45-82°F (7-28°C).

PART #	DESCRIPTION
RV-200000	Thermostatic Head (White)
RV-200013	Thermostatic Head (Chrome)

Radiator Fittings



Universal PEX Fittings
 Compatible with any ASTM F876 single layer PEX.
 Max. working pressure: 150 psi.
 Working temperature: 41-180°F.
 Chrome plated nut.

Sweat and Compression connection fitting fits 1/2" copper.
 Max. working pressure: 150 psi.
 Working temperature: 41-250°F.
 Chrome plated nut.

ALL FITTINGS COME WITH CONICAL RADIATOR ADAPTER

PART #	DESCRIPTION
RV-NA10536	3/8" Nominal PEX
RV-NA10534	1/2" Nominal PEX
RV-NA10537	5/8" Nominal PEX
RV-NA10535	1/2" Copper Sweat
RV-NA10555	1/2" Copper Compression

SOLD AS A PAIR

PIPING SCHEMATIC WITH FITTINGS

DIVERTER VALVES

- 1 RV-NA10532 STRAIGHT DIVERTING VALVE
 - 2 RV-NA10533 ANGLED DIVERTING VALVE
- NOTE: ADJUSTABLE BY-PASS FROM 30-50%

ISOLATION VALVES

- 2 RV-NA10530 STRAIGHT ISOLATING VALVE
- RV-NA10531 ANGLED ISOLATING VALVE

THERMOSTATIC CONTROL

- 3 RV-200000 THERMOSTATIC CONTROL HEAD

TOWEL BAR VALVES

- 4 RV-339452 STRAIGHT THERMOSTATIC VALVE
- RV-338452 ANGLED THERMOSTATIC VALVE

- 5 RV-343452 STRAIGHT SHUT-OFF VALVE
- RV-342452 ANGLED SHUT-OFF VALVE

RADIATOR FITTINGS

(SOLD AS PAIR, CONICAL ADAPTERS ARE INCLUDED)

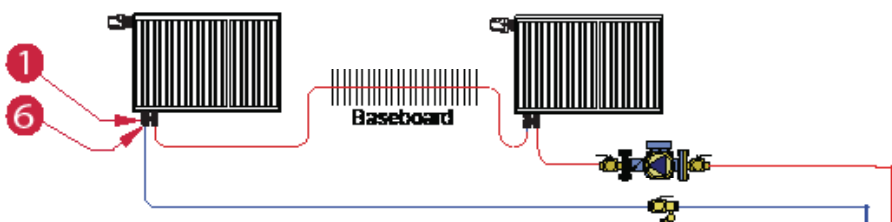
- RV-NA10555 1/2" COPPER COMPRESSION FITTING
 RV-NA10535 1/2" COPPER SWEAT TAIL FITTING
 RV-NA10536 3/8" PEX COMPRESSION FITTING
 RV-NA10534 1/2" PEX COMPRESSION FITTING
 RV-NA10537 5/8" PEX COMPRESSION FITTING

ACCESSORIES

- RV-8W SNAP 8" WHITE PLASTIC PIPE COVER
 RV-39W SNAP 39" WHITE PLASTIC PIPE COVER
 RV-12550 TWO PIPE RIGID ESCUTCHEON
 RV-449740 TWO PIPE FLEX ESCUTCHEON
 RV-200000 NON-ELECTRIC ACTUATOR

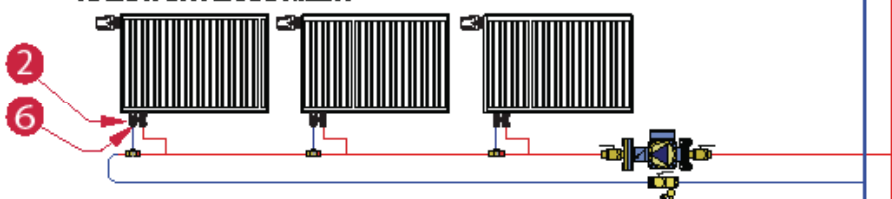
NOTES: SERIES PIPING

- RECOMMENDED MAX OF 3 RADIATORS ON ONE LOOP
- THERMOSTATIC CONTROL (RV-200000) CAN BE USED FOR INDIVIDUAL RADIATOR ADJUSTMENT



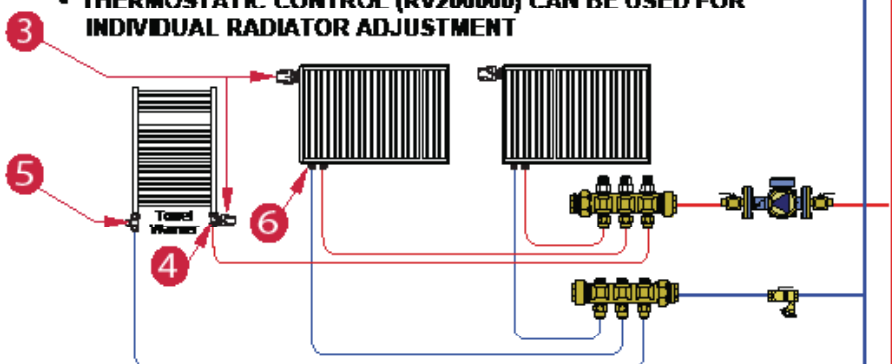
NOTES: MONOFLOW TEE PIPING

- MONOFLOW TEES SHOULD BE INSTALLED ON RETURN PIPE FROM RADIATOR
- SUPPLY AND RETURN TEES MUST BE AT LEAST 12 INCHES APART
- THERMOSTATIC CONTROL (RV-200000) CAN BE USED FOR INDIVIDUAL RADIATOR ADJUSTMENT



NOTES: MANIFOLD PIPING

- ISOLATION VALVES (RV-NA10530, RV-NA10531) ARE NOT REQUIRED, BUT ARE RECOMMENDED
- THERMOSTATIC CONTROL (RV-200000) CAN BE USED FOR INDIVIDUAL RADIATOR ADJUSTMENT



NOTES: FLOW THROUGH PIPING using side tapplings

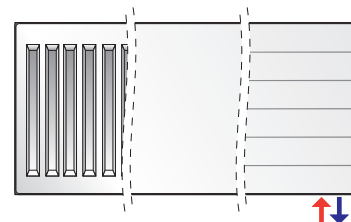
- ISOLATION OR THERMOSTATIC VALVES (RV-338452, RV-342452, RV-339452, RV-343452)
- THERMOSTATIC CONTROL (RV-200000) CAN BE USED FOR INDIVIDUAL RADIATOR ADJUSTMENT



CONNECTION METHODS

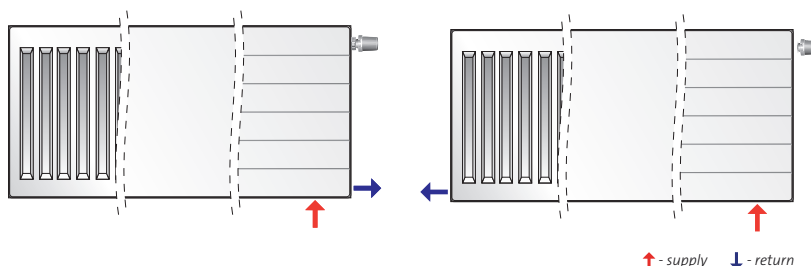
Bottom Connection

This connection method is used with the bottom-supplied radiators. The supply and return line axes are always located, respectively, 3" and 1" from the side edge of the radiator. Reversed connection will cause a drop in the heat output of over 30%.



Intermediate Connection

The bottom-supplied radiators can be connected in parallel with the side and bottom connections. Possible are intermediate solutions presented at the drawings: side and flow-through connections.

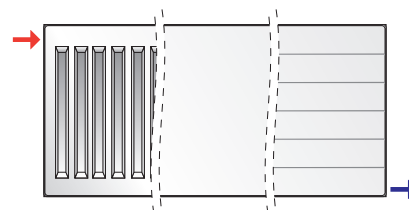


Flow-Through Connection

Recommended for the radiators of length exceeding 80" and also for the radiators of length exceeding four times their height.

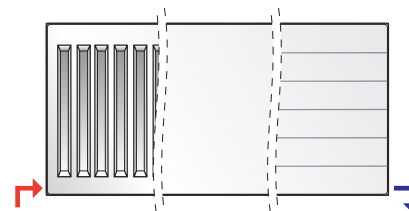
These connections provide even distribution of temperature over the entire length of the radiator. The supply line should be connected to the left or right connector pipe and the return line should be connected to the opposite, bottom connections. Reversed connection will cause a drop in the heat output of over 30%.

This flow-through connection method can be used in the side-supplied radiators as well as in the bottom-supplied radiators after the removal of a thermostatic valve insert.



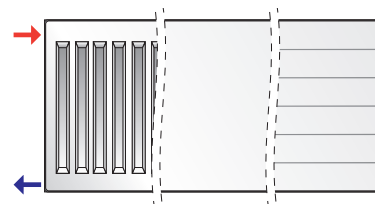
Opposite Ends Connection

With this connection method, the heat output of the radiators will be approximately 10% lower than the rated heat output. This type of connection method is most commonly used with the side-supplied radiators when the heating system piping is distributed in skirting boards above the floor. It can also be used with the bottom-supplied radiators after the removal of a thermostatic valve insert.



Side Connection

The most popular solution is connecting radiators on either the right or the left side. The supply line should be connected to the top and the return line to the bottom connector pipe of the radiator. Reversed connection will cause a drop in the heat output of over 30%. This side connection method can be used in the side-supplied radiators as well as in the bottom-supplied radiators after the removal of a thermostatic valve insert.



CORRECTION FACTORS

Water Temperature		Room Temperature (°F)						
Supply (°F)	Return (°F)	52	56	60	64	68	72	76
200	185	1.38	1.34	1.30	1.26	1.22	1.19	1.14
200	180	1.35	1.32	1.28	1.23	1.20	1.16	1.12
200	175	1.33	1.29	1.25	1.21	1.17	1.14	1.09
200	170	1.30	1.26	1.22	1.18	1.14	1.11	1.07
190	175	1.28	1.24	1.20	1.16	1.12	1.09	1.05
190	170	1.26	1.22	1.18	1.13	1.10	1.06	1.02
190	165	1.23	1.19	1.15	1.11	1.07	1.04	0.99
190	160	1.20	1.16	1.12	1.08	1.05	1.01	0.97
180	165	1.18	1.14	1.10	1.06	1.03	0.99	0.95
180	160	1.16	1.12	1.08	1.04	1.00	0.96	0.92
180	155	1.13	1.09	1.05	1.01	0.97	0.94	0.89
180	150	1.10	1.07	1.03	0.98	0.95	0.91	0.87
170	155	1.09	1.05	1.01	0.96	0.93	0.89	0.85
170	150	1.06	1.02	0.98	0.94	0.90	0.87	0.82
170	145	1.03	0.99	0.95	0.91	0.87	0.84	0.80
170	140	1.01	0.97	0.93	0.88	0.85	0.81	0.77
160	145	0.99	0.95	0.91	0.86	0.83	0.79	0.75
160	140	0.96	0.92	0.88	0.84	0.80	0.77	0.72
160	135	0.93	0.89	0.85	0.81	0.78	0.74	0.70
160	130	0.91	0.87	0.83	0.78	0.75	0.71	0.67
150	135	0.89	0.85	0.81	0.77	0.73	0.69	0.65
150	130	0.86	0.82	0.78	0.74	0.70	0.67	0.62
150	125	0.83	0.80	0.76	0.71	0.68	0.64	0.60
150	120	0.81	0.77	0.73	0.68	0.65	0.61	0.57
140	125	0.79	0.75	0.71	0.67	0.63	0.60	0.55
140	120	0.76	0.72	0.68	0.64	0.60	0.57	0.53
140	115	0.74	0.70	0.66	0.61	0.58	0.54	0.50
140	110	0.71	0.67	0.63	0.58	0.55	0.51	0.47
130	115	0.69	0.65	0.61	0.57	0.53	0.50	0.45
130	110	0.66	0.62	0.58	0.54	0.51	0.47	0.43
130	105	0.64	0.60	0.56	0.51	0.48	0.44	0.40
130	100	0.61	0.57	0.53	0.48	0.45	0.41	0.36
120	105	0.59	0.55	0.51	0.47	0.43	0.40	0.35
120	100	0.56	0.53	0.49	0.44	0.41	0.37	0.32
120	95	0.54	0.50	0.46	0.41	0.38	0.34	0.29
120	90	0.51	0.47	0.43	0.38	0.34	0.31	0.26

To use conversion table:

1. Find output at standard conditions listed.
2. Find conversion factor at desired supply, return and room temperatures.
3. New output equals output at standard conditions multiplied by conversion factor.

Example:

Radiator ECS-48.24SW has an output of 2,881 BTU at standard conditions (180°F Supply temp & 68°F Room temp).

The output at a supply temp of 160°F, a return temp of 145°F and a room temp of 72°F would be 2881 BTU x 0.79 = 2276 BTU.

VIDO INTELLIGENT FAN CONVECTOR



VIDO intelligent fan convectors are quiet, compact and architecturally attractive. The compact design produces high heat outputs at low flow temperatures delivering more than twice the heat of a comparably sized radiator. VIDO's low water content coil(s) ensure heat will be supplied quickly while its variable speed fan maintains precise room temperature control. These features enable condensing boilers to achieve peak efficiencies not possible with other high temperature units.

VIDO is available in 2 and 4 pipe models. The two pipe VIDO can provide either heating or cooling. The 4 pipe model allows mixed heating and cooling in a single system. Its microprocessor, heat and fan controller provides daily or weekly programs for automatic room temperature control. The single piece casing provides an elegant look while hiding the piping going to the convector.

VIDO guarantees the heat exchanger coil for five years and two years for electric components.

Technical Specifications

- Materials: high quality, low carbon, cold rolled DC01 steel in accordance with PN-EN 10130
- Connections: 2 or 4- 3/4" side connections,
- Working pressure: 147 PSI • Test Pressure: 191 psi
- Color: RAL 9016 white

A SILENT, **WARM** AND **REFRESHING** CHANGE



VIDO- INTELLIGENT FAN CONVECTOR

EFFICIENT &
EFFECTIVE
PERFORMANCE.



High outputs

The VIDO has a large surface area heat exchanger. This feature combined with forced convection from its built-in fan produces high heat outputs.



Space saving

Due to these high heat outputs, VIDO's are much smaller than panel radiators with equivalent outputs and so take up less wall space.



Silent

Sound levels were a key consideration during VIDO's development, so VIDO is the quietest fan convector available anywhere with no compromise on heat outputs.



Rapid heat

The VIDO has a much lower water content than other heat emitters, such as panel radiators and underfloor heating. In fact, the water content is less than 10% of that of a traditional radiator. Its lower thermal mass means the VIDO works quickly and efficiently.



Style

With its compact size, enameled finish and horizontal-ribbed profile, the VIDO delivers indoor comfort without compromising style.



Intelligent controls

VIDO has the most advanced electronic programmable controller for a fan convector. With its programmable thermostat designed to suit all lifestyle requirements with both 'easy' and 'full' operating modes plus a in-built option to link to a building energy management system.



Low temperature compatibility

The VIDO works very efficiently with low temperature systems, such as heat pumps and traditional systems, such as gas/oil-fired boilers.



Easy to install

Due to its solid, one-piece casing the VIDO is extremely easy to install.

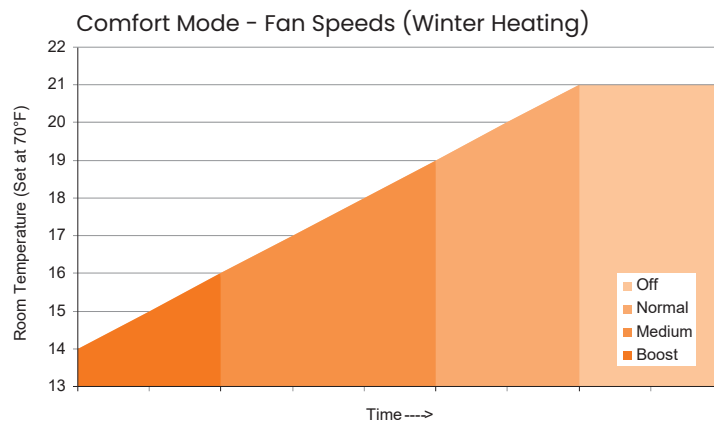


Cooling

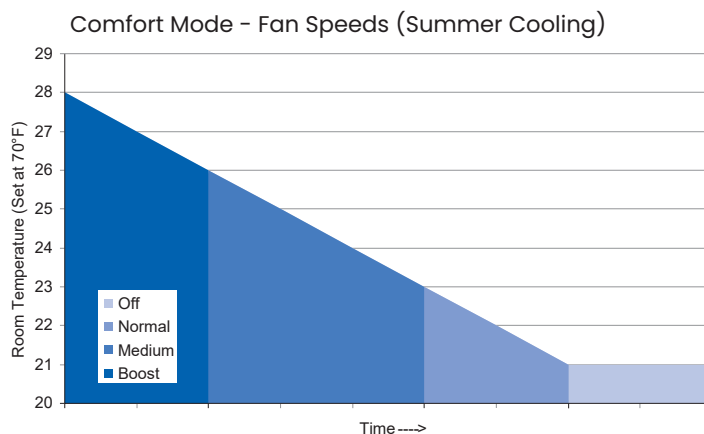
Not only is the VIDO great at heating spaces but when connected to a chilled water supply, it will rapidly cool spaces as well.

The intelligent, electronic thermostat control system in every VIDO provides a wide range of easy to use heating and cooling operating options. Its two-tier level of programming incorporates an 'easy' mode for basic operation and a 'full' mode for more advanced functions.

- Each VIDO is individually programmable
- 24/7 programmer with 1 hour time periods
- Night set-back function
- Lockable LCD backlit display
- Option to link to a building energy management system
- The controller will also automatically select and vary the fan speeds as required, depending on the current room temperature and the required room temperature set by the user.



Winter Heating - If the room temperature is 5°F or lower than the set point then the VIDO will activate boost mode, which will ensure the room heats up quickly. When the room is within 5°F of the set point then the VIDO will automatically switch to medium speed until the room temperature is within 2°F, then the normal fan speed will be selected. The VIDO will then maintain the normal fan speed until the set point has been achieved.



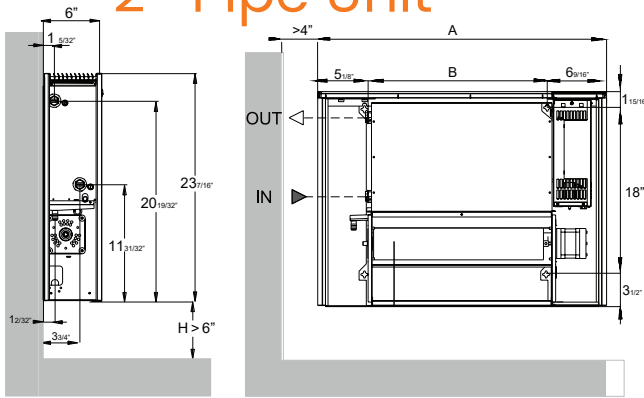
Summer Cooling - The process is the same as the Winter Heating cycle however the temperatures will be above the set point rather than below.

INTELLIGENT
& EASY TO USE
CONTROLS.

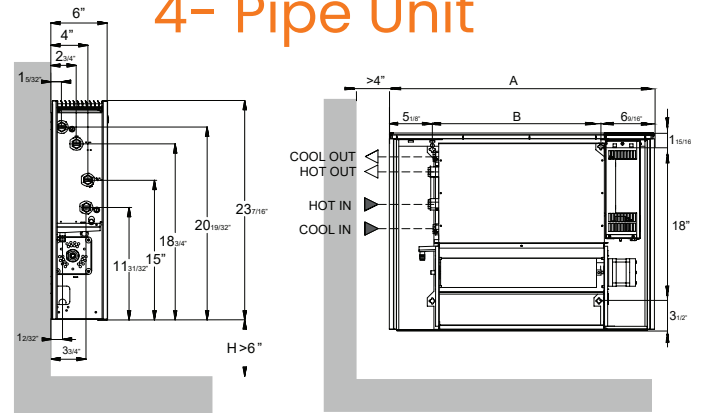


VIDO- DIMENSIONS AND OUTPUTS

2- Pipe Unit



4- Pipe Unit



DIMENSIONS		
Model	A	B
VDO2 2432 OR VDO4 2432	31 1/2"	19 13/16"
VDO2 2440 OR VDO4 2440	39 3/8"	27 11/16"
VDO2 2448 OR VDO4 2448	47 1/4"	35 9/16"
VDO2 2456 OR VDO4 2456	55 1/8"	43 7/16"
VDO2 2464 OR VDO4 2464	63	51 5/16"

2- Pipe Unit

Model	Type	Height (in)	Length (in)	Weight (lbs)	Fan Speed	Water Flow (GPM)	Outputs Heating (BTU/HR)		Outputs Cooling (BTU/HR)		UPC#
							Output (BTU/HR) @ 180°F	Output (BTU/HR) @ 140°F	Total	Sensible	
VDO2432-2	2 Pipe Unit	24	32	50	Normal	1.5	8,423	5,304	2,389	1,799	
					Medium	1.5	11,098	6,990	3,843	2,829	
					Boost	1.5	14,874	9,377	5,625	4,188	
VDO2440-2		24	40	61	Normal	2.0	11,531	7,260	3,451	2,570	6438371479882
					Medium	2.0	15,134	9,533	5,461	4,021	
					Boost	2.0	20,593	12,984	7,864	5,857	
VDO2448-2		24	48	72	Normal	2.65	13,919	8,761	5,188	3,178	6438371480093
					Medium	2.65	18,505	11,655	6,689	4,922	
					Boost	2.65	26,323	16,597	9,959	7,416	
VDO2456-2		24	56	83	Normal	3.1	16,364	10,299	5,085	3,788	6438371479905
					Medium	3.1	21,882	13,783	7,918	5,826	
					Boost	3.1	31,755	20,023	12,058	8,980	
VDO2464-2		24	64	94	Normal	3.5	18,864	11,784	5,901	4,396	6438371479912
					Medium	3.5	25,262	15,911	9,143	6,730	
					Boost	3.5	37,178	23,443	14,154	10,539	

4- Pipe Unit

Model	Type	Height (in)	Length (in)	Weight (lbs)	Fan Speed	Water Flow (GPM)	Outputs Heating (BTU/HR)		Outputs Cooling (BTU/HR)		UPC#
							Output (BTU/HR) @ 180°F	Output (BTU/HR) @ 140°F	Total	Sensible	
VDO2432-4	4 Pipe Unit	24	32	50	Normal	1.32	5,961	3,752	2,292	1,708	
					Medium	1.32	7,880	4,961	3,650	2,687	
					Boost	1.32	10,613	6,686	5,342	3,977	
VDO2440-4		24	40	61	Normal	1.54	8,116	5,109	3,277	2,441	
					Medium	1.54	10,671	6,720	5,186	3,818	
					Boost	1.54	14,557	9,175	7,468	5,562	
VDO2448-4		24	48	72	Normal	1.76	9,717	6,118	4,927	3,018	
					Medium	1.76	12,911	8,133	6,353	4,674	
					Boost	1.76	18,340	11,565	9,458	7,044	
VDO2456-4		24	56	83	Normal	1.98	11,404	7,179	4,830	3,598	
					Medium	1.98	15,227	9,593	7,520	5,533	
					Boost	1.98	22,040	13,901	11,452	8,528	
VDO2464-4		24	64	94	Normal	2.2	13,125	8,263	5,604	4,175	
					Medium	2.2	18,048	11,360	8,684	6,391	
					Boost	2.2	26,820	16,895	13,442	10,009	

The 4-pipe VIDO has two coils enabling separate connections to boilers and chillers allowing a building to be heated and cooled simultaneously.

Vido Warranty terms and conditions

VIDO Warranty

1. Each VIDO fan convector is guaranteed for 1 year from installation date against any defects caused by faulty materials or manufacture. The defective unit will be replaced similar or mechanically comparable convector.
 2. Each VIDO electronic controller is guaranteed for 2 years from installation date against defects caused by faulty materials or manufacture. The defective electronic controller will be replaced..
 3. Each VIDO fan motor is guaranteed for 3 years from installation date against defects caused by faulty materials or manufacture. The defective fan motor will be replaced
 4. Each VIDO hot or chilled water coil is guaranteed for 5 years from installation date against defects caused by faulty materials or manufacture. The defective coils will be replaced
 5. The VIDO warranty is subject to the condition that a heating contractor whose principal occupation is the sale and installation of heating/cooling equipment must have installed the convector.
 - 6.. The guarantee is valid for VIDO mounted in a forced hot water installation
 - in a closed system with an expansion tank;
 - powered by a boiler/chiller, the "low" side of a heat exchanger or heat pump;
 - made from steel / copper or plastic pipes with a oxygen diffusion barrier;
 - equipped with automatic air venting system
 - used for heating residential, office or institutional buildings, service stations or other buildings that are not exposed to permanent or temporary moistness of the radiator surface.
 7. The guarantee is recognized when:
 - there is evidence of purchase, that is the invoice,
 - the radiators have been mounted in a closed loop, forced hot water heating system.
 - adhering to the requirements of the Installation manual
 8. Maximum operating pressure in central heating installation for VIDO fan convectors not exceed 147 psi (11.7 bars) and a maximum operating temperature of 190F.
 9. The guarantee does not cover convectors mounted:
 - in swimming pool areas, car washes, laundries, slaughterhouses or rooms with corrosive substances in the air,
 - in central heating installations connected to municipal water- supply system without protective valves, fittings, backflow preventors, etc.;
 - in central heating installations where water is removed for periods longer than advised in the installation guide;
 - in steam installations;
 - in central heating installations where the water quality rating level has been higher than advised
 10. The guarantee doesn't cover damages to the Convector or its parts due to improper handling, storage, transport or misuse. It is recommended to remove the packaging only after construction is completed.
 11. The convectors require periodical cleaning and it is recommended to use only soft and gentle fabrics that can be slightly moistened. It is not advised to use aggressive or corrosive cleaners (e.g. acidic solvents or agents with chlorine). The washable air filters need to be cleaned when required
 12. It is forbidden to remove the water from the entire installation or its part and to leave it in this condition. It also refers to new installations with the tightness test. If there is a need to remove the water, e.g. due to renovation or maintenance works, the water must be removed only from the given part. After accomplishing all works the installation must immediately be filled with water.
 13. The guarantee is granted provided the radiator has not been repaired or modified without QHT's approval.
 14. Reporting faults or defects within the warranty period needs to be followed by requesting from the distributor a special claim form including the origin and details of damage. The distributor will accept the claim form and forwards it to QHT via registered letter, fax or e-mail within 48 hours. The invoice or its copy shall be attached to the form. In specific cases QHT may request a photo documentation of the product claim.
- For prompt warranty service, notify the installer, who, in turn, will notify the distributor from whom he purchased the boiler. If this does not result in corrective action, contact Purmo through QHT with details in support of the warranty claim. All claims must be processed through proper trade channels. Contact with Purmo directly is not recommended for rapid claim settlement.

Radiator Warranty terms and conditions



Ecostyle Warranty

1. Each Ecostyle Panel Radiator is guaranteed for 10 years from installation date against defects caused by faulty materials or manufacture. The defective unit will be replaced with same or comparable panel radiator.
2. Each Ecostyle Towel Bar radiator is guaranteed for 5 years from installation date against defects caused by faulty materials or manufacture. The defective unit will be replaced with same or comparable radiator.
3. The guarantee is valid for radiators mounted in a forced hot water installation
 - in a closed loop system with an expansion tank;
 - powered by a boiler, hi/lo heat exchanger or heat pump;
 - made from steel / copper or plastic pipes with a oxygen diffusion barrier;
 - equipped with automatic air venting system
 - used for heating residential, office or institutional buildings, service stations or other buildings that are not exposed to permanent or prolonged moistness of the radiator surface.
4. The guarantee is valid when:
 - there is evidence of the radiator purchase, invoice, etc.
 - the requirements of the installation manual are followed.
5. Maximum operating pressure in a central heating installation for Ecostyle Panel Radiators and Ecostyle Towel Bar Radiators may not exceed 147 psi (11.7 bars) and a maximum operating temperature of 190F.
6. The guarantee does not cover radiators mounted:
 - in swimming pool rooms, car washes, laundries, slaughterhouses or rooms with corrosive substances in the air,
 - in central heat installations connected to municipal water- supply without protective valves, fittings, backflow preventors, etc.;
 - in central heating installations where water is removed for periods longer than advised in the installation guide;
 - in steam installations;
 - in central heating installations where the water PH is higher than advised
7. The guarantee doesn't cover damages to the radiator or its parts (brackets, etc) due to improper handling, storage, transport or misuse. The radiators should be mounted within their original packaging. This packaging must be left on the radiator even if the heating system is activated while finishing construction or for pressurizing purposes. It is recommended to only remove the packaging after construction is completed.
8. The radiators require periodical cleaning and it is recommended to use only soft and gentle fabrics that can be slightly moistened. It is not advised to use aggressive or corrosive cleaners (e.g. acidic solvents or agents with chlorine). Claims for damage of varnished surfaces due to improper handling or maintenance will not be granted.
9. It is not advisable to remove the water from the entire installation or its part and to leave it in this condition. It also refers to new installations with the tightness test. If there is a need to remove the water, e.g. due to renovation or maintenance works, the water must be removed only from the zone. After finishing the work, the units must immediately be refilled with water.
10. The guarantee is granted provided the radiator has not been repaired or modified without QHT's approval.
11. Reporting defects within the warranty period needs to be processed through the distributor using a special claim form including the origin and details of the damage. The distributor will accept the claim form and forward it to QHT via letter, fax or e-mail within 48 hours. The invoice or its copy needs to be attached to the form. In specific cases QHT may request a photo documentation of the product claim.
12. For prompt warranty service, notify the installer, who, in turn, will notify the distributor from whom he purchased the boiler. If this does not result in corrective action, contact QHT with details in support of the warranty claim. All claims must be processed through proper trade channels. Contact with Purmo directly is not recommended for rapid claim settlement.

Water used in heating systems that include Purmo radiators should not exceed these values:

1. Total chloride and sulphate- shall NOT exceed 50 mg/l = 50 ppm
2. Total dissolved oxygen- shall NOT exceed 0.1 mg/l = 0.1 ppm
3. water pH should be in the range of 6.3 -7.7
4. Water hardness should NOT exceed 4.0 mval/l = 200.17 ppm

Setting the Standard for Indoor Comfort, Environmental Integrity and Fuel Efficiency

QHT supplies the most durable, fuel efficient and environmentally sustainable boilers and radiators available. From its Portsmouth, NH warehouse facility, QHT assembles and distributes an extensive range of steel panel radiators, towel bars, boilers and fan convectors. In most cases, all the products shown can be shipped next day to almost anywhere in the USA.

QHT has worked 35 years as a manufacturers' representative for HVAC products sold to wholesale distributors in the U.S. and Canada.

Customer service and support are the key to QHT's business. From troubleshooting radiator piping to working through problems with wall hung or floor standing boilers, the staff at QHT will take care of your needs. In addition to providing specialized packaging and shipping services, QHT product support extends to giving on-site training seminars for fan convectors, radiators, boilers, burners and controls.

QHT represents several manufacturers of boilers and radiators including Biasi. QHT remains committed to providing energy conservation with low environmental impact.



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