

VK15 TRENCH HEATER WITH NATURAL CONVECTION

MDL: PROFESSIONAL GRADE HVAC SOLUTIONS

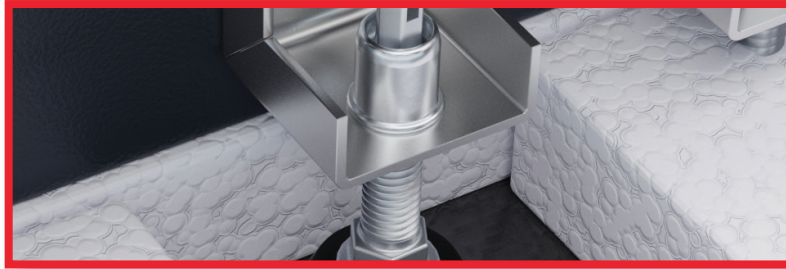


OUR ADVANTAGES



HIGHLY EFFICIENT HEAT EXCHANGER

Through research and development, we have optimized the sizes of our heat exchangers. As a result, we have increased the product heating output by 10 to 20%, depending on the unit length and height.



TRAY POSITION ADJUSTMENT

Adjustable legs allow for easy adjustment and leveling of heater height.



DEDICATED CONTROL SYSTEM

Modern room controllers allow for full control of heater operations.



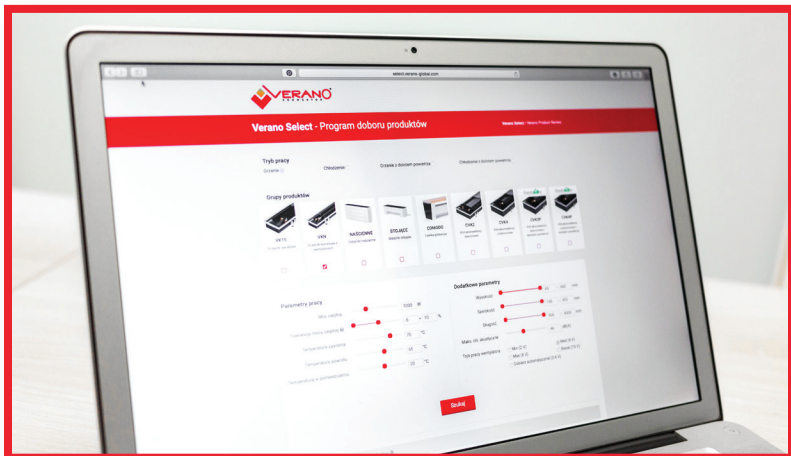
MODERN EC FANS

24V DC fan motors provide quicker and quieter air distribution, resulting in a safe product with hassle-free installation and maintenance.



WIRELESS CONTROL

Our mobile app allows for easy and precise control using your phone or tablet (Only available in the EU).



TOOLS FOR DESIGNERS

We offer full product support, including dedicated CPD seminars, as well as access to BIM drawings and libraries at the project design stage.



TECHNICAL ADVICE

We provide help and expert advice throughout the project, from the design stage to the completion of construction.



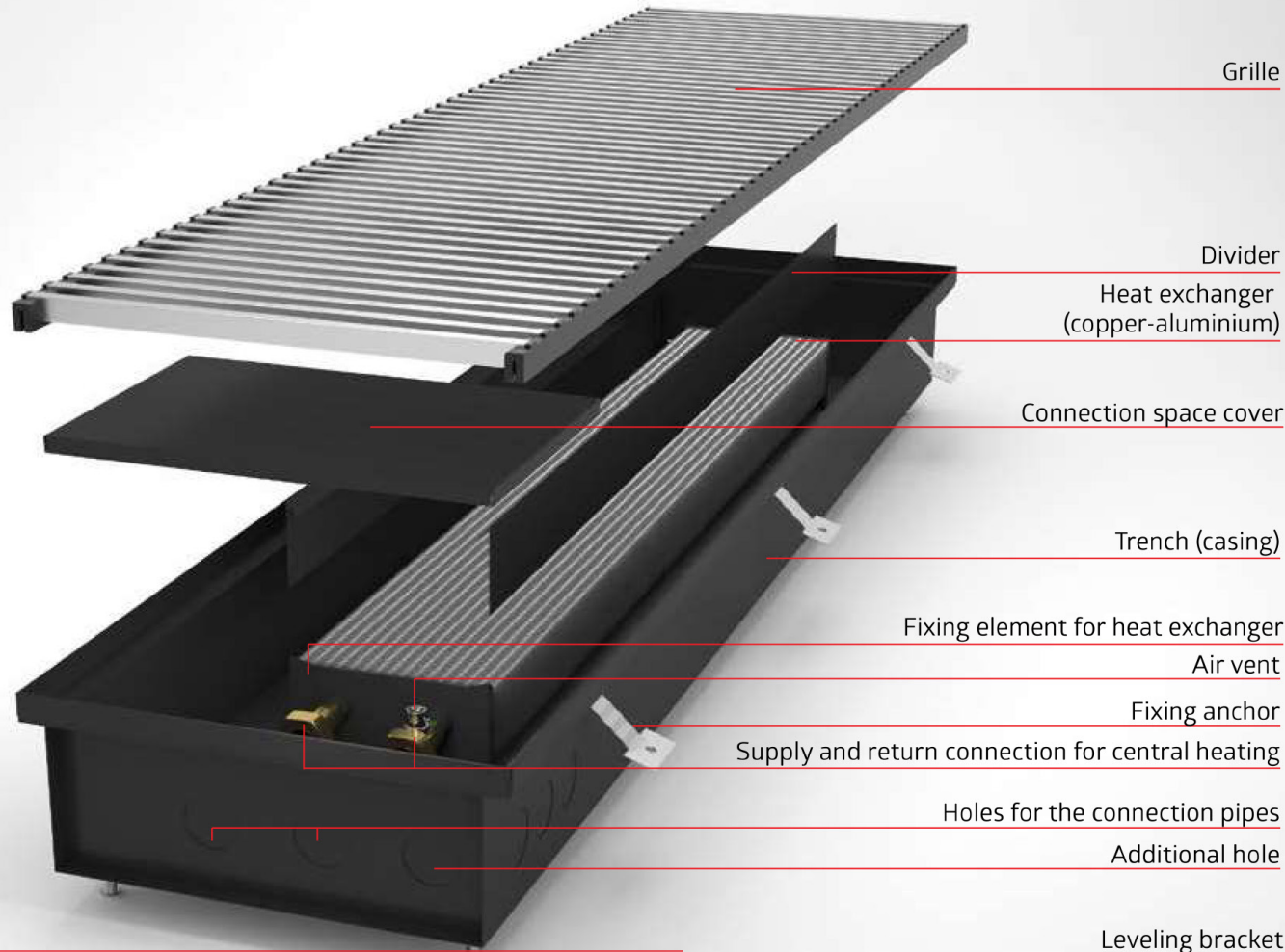
CUSTOM OPTIONS

We can design our heaters to fit rooms with different shapes and requirements.



WIDE SELECTION OF FINISHES

We provide a wide selection of types and colours of grilles and frames.



CONSTRUCTION

HEATER EQUIPMENT

STANDARD EQUIPMENT:

- Trench (cover) made of hot dip Zinc Magnesium galvanized steel; standard finish is RAL 9005 black powder coat
- Copper aluminum heat exchanger with air vent
- Dividing wall (for heaters with depth of 1-1k140 mm)
- 2 x Threaded 3/4" water connectors
- Anchors
- Leveling support
- Connection chamber cover
- Assembly spreaders

OPTIONAL ACCESSORIES:

- Trench (casing) coated in any RAL range color
- L or F-type frame around the heater tray made of natural, powder coated, anodized or wood imitating aluminum.
- Aesthetic aluminum panel (natural, anodized or powdered coated in any RAL color) wood (oak, ash, merbaubeech, courbaril) or stainless steel
- Assembly cover protecting the heater from damage during transport and assembly
- Vibration damping tape applied between the casing and grill,
- Adjustable height of grille holder
- Mounting kit for raised floor

DIMENSIONS	INCH
Trench Height	2.9, 3.5, 4.3 5.5, 7, 9.8, 13.7, 21.25
Trench Width (W)	7.9, 9.8, 11.4, 15
Trench Length (L)	31.5 - 157.5

Heaters are also available with a custom lengths (NS).

EXAMPLE OF ORDER CODE

VK15-9/25/190-12

Trench Length
Lk[in]

FIN TYPE

PLEASE CONFIRM ABOVE



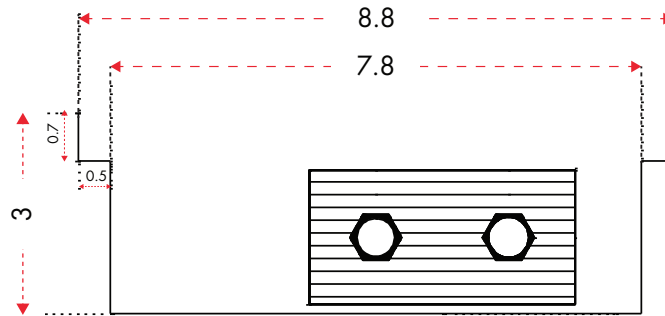
HEIGHT 3 INCHES

ORDER CODE: VK15-7.5/20/L-12

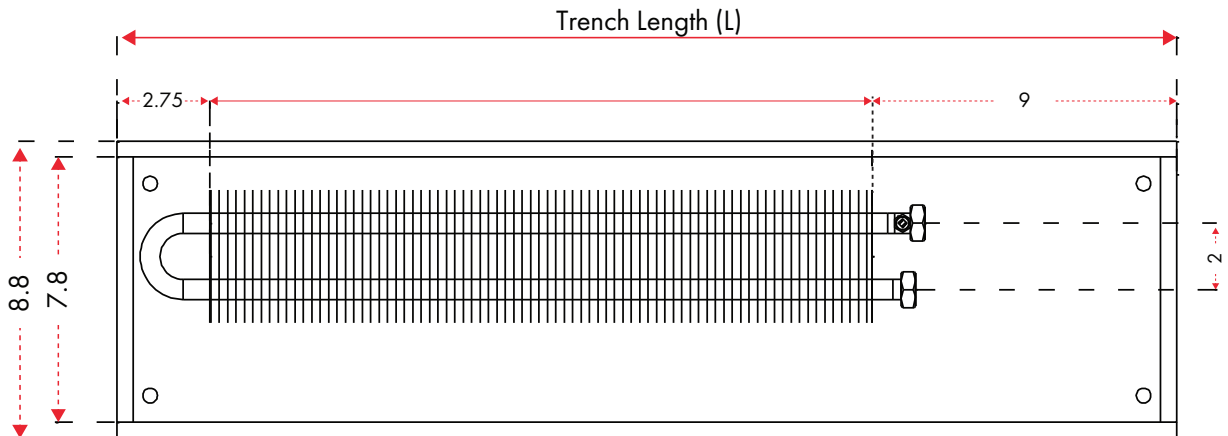
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	3
TRENCH WIDTH (W)	7.8
GRILLE WIDTH (Wg)	8.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-12
CONNECTION SPACE	6.6
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-7.5/20/800-12	31.5	569	454	346	146	61	41
VK15-7.5/20/1000-12	39.5	793	634	483	204	85	57
VK15-7.5/20/1300-12	51	1132	905	689	291	121	81
VK15-7.5/20/1600-12	63	1472	1176	895	378	157	106
VK15-7.5/20/1900-12	75	1811	1447	1102	465	193	130
VK15-7.5/20/2200-12	86.5	2150	1718	1308	553	229	154
VK15-7.5/20/2500-12	98.5	2489	1989	1514	640	265	179
VK15-7.5/20/2800-12	110	2834	2264	1724	728	302	203
VK15-7.5/20/3200-12	126	3283	2623	1997	844	350	236
VK15-7.5/20/3600-12	141.5	3737	2986	2273	960	398	268
VK15-7.5/20/4000-12	157.5	4190	3348	2549	1077	447	301

Heating outputs according to EN16430 for room air temperature 68°F

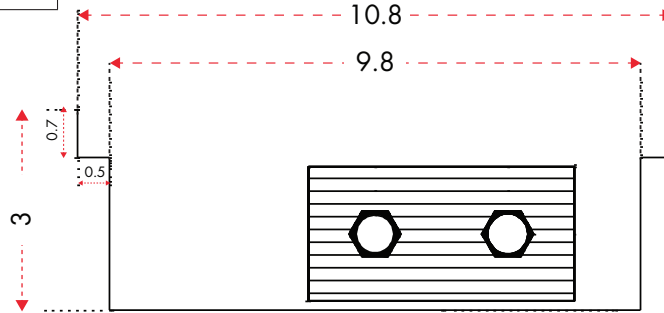
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ORDER CODE: VK15-7.5/25/L-12

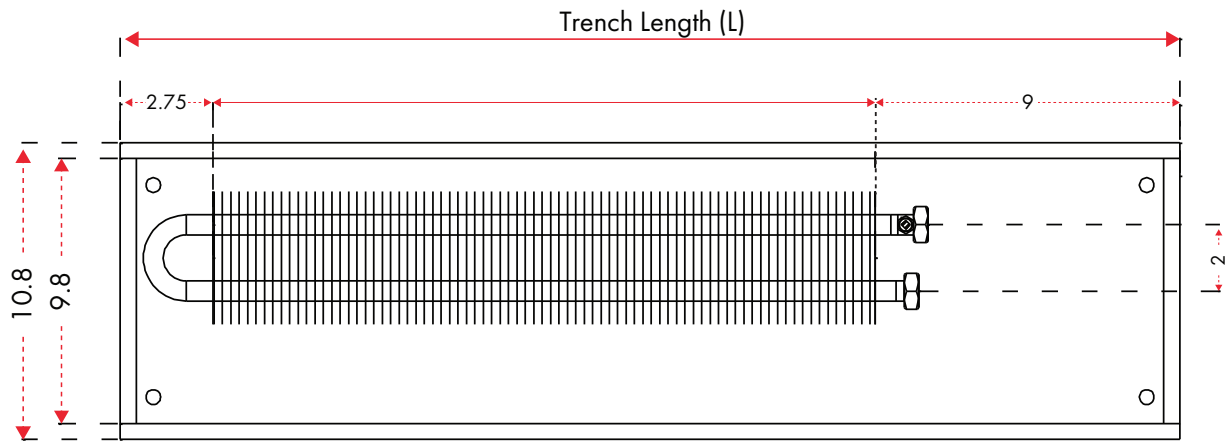
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	3
TRENCH WIDTH (W)	9.8
GRILLE WIDTH (W _g)	10.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-12
CONNECTION SPACE	6.6
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-7.5/25/800-12	31.5	739	590	449	190	79	53
VK15-7.5/25/1000-12	39.5	1033	825	628	265	110	74
VK15-7.5/25/1300-12	51	1472	1176	895	378	157	106
VK15-7.5/25/1600-12	63	1916	1531	1165	492	204	137
VK15-7.5/25/1900-12	75	2355	1881	1432	605	251	169
VK15-7.5/25/2200-12	86.5	2799	2236	1703	719	298	201
VK15-7.5/25/2500-12	98.5	3238	2587	1970	832	345	232
VK15-7.5/25/2800-12	110	3682	2942	2240	946	393	264
VK15-7.5/25/3200-12	126	4270	3412	2598	1097	455	306
VK15-7.5/25/3600-12	141.5	4859	3883	2956	1249	518	349
VK15-7.5/25/4000-12	157.5	5448	4353	3314	1400	581	391

Heating outputs according to EN16430 for room air temperature 68°F

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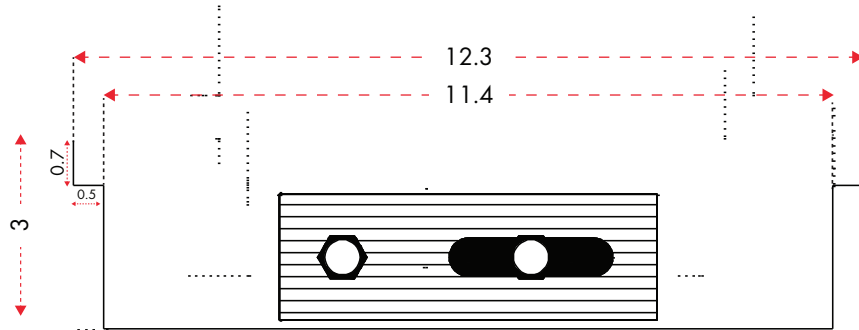
HEIGHT 3 INCHES

ORDER CODE: VK15-7.5/29/L-13

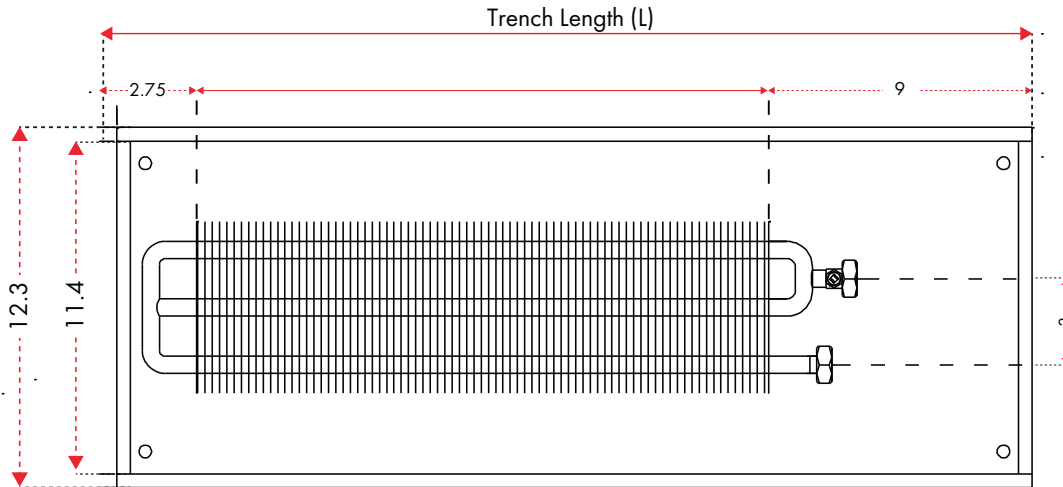
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	3
TRENCH WIDTH (W)	11.4
GRILLE WIDTH (Wg)	12.3
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-13
CONNECTION SPACE	5.4
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-7.5/29/800-13	31.5	958	765	583	246	102	69
VK15-7.5/29/1000-13	39.5	1337	1068	813	344	143	96
VK15-7.5/29/1300-13	51	1911	1527	1162	491	204	137
VK15-7.5/29/1600-13	63	2484	1985	1511	638	265	178
VK15-7.5/29/1900-13	75	3058	2444	1860	786	326	219
VK15-7.5/29/2200-13	86.5	3632	2902	2209	933	387	261
VK15-7.5/29/2500-13	98.5	4205	3360	2558	1081	448	302
VK15-7.5/29/2800-13	110	4779	3819	2907	1228	510	343
VK15-7.5/29/3200-13	126	5542	4429	3372	1424	591	398
VK15-7.5/29/3600-13	141.5	6306	5039	3836	1621	672	453
VK15-7.5/29/4000-13	157.5	7069	5648	4300	1817	754	507

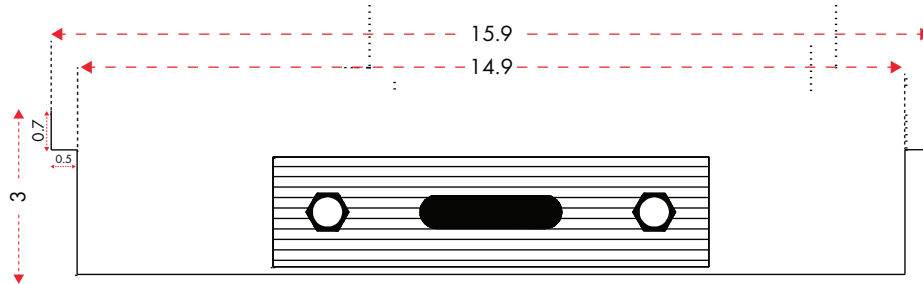
Heating outputs according to EN16430 for room air temperature 68°F

ORDER CODE: VK15-7.5/38/L-14

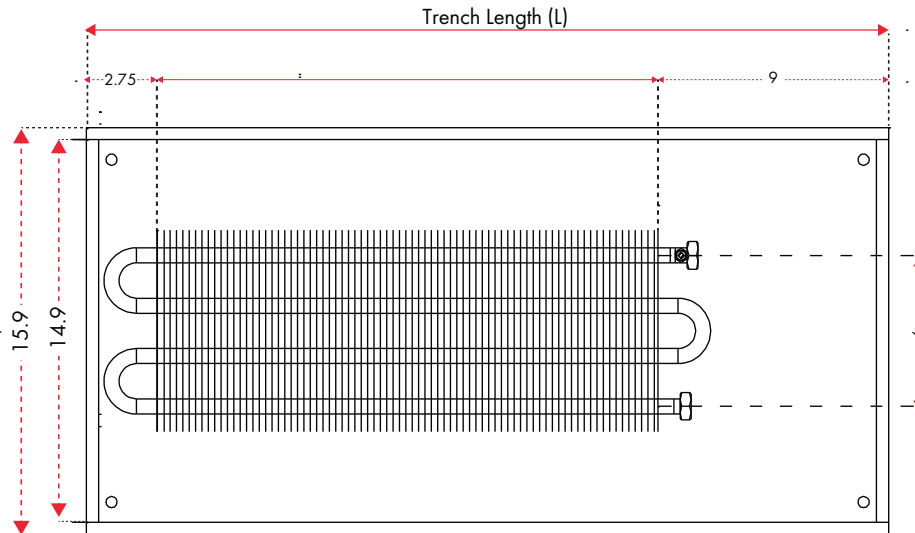
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	3
TRENCH WIDTH (W)	14.9
GRILLE WIDTH (Wg)	15.9
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-14
CONNECTION SPACE	5.4
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-7.5/38/800-14	31.5	1382	1104	841	355	147	99
VK15-7.5/38/1000-14	39.5	1931	1543	1174	496	206	139
VK15-7.5/38/1300-14	51	2759	2204	1678	709	294	198
VK15-7.5/38/1600-14	63	3587	2866	2182	922	382	257
VK15-7.5/38/1900-14	75	4415	3528	2686	1135	471	317
VK15-7.5/38/2200-14	86.5	5243	4189	3190	1348	559	376
VK15-7.5/38/2500-14	98.5	6071	4851	3693	1560	647	436
VK15-7.5/38/2800-14	110	6899	5513	4197	1773	736	495
VK15-7.5/38/3200-14	126	8002	6394	4868	2057	853	574
VK15-7.5/38/3600-14	141.5	9104	7275	5539	2340	971	653
VK15-7.5/38/4000-14	157.5	10207	8156	6209	2623	1088	733

Heating outputs according to EN16430 for room air temperature 68°F

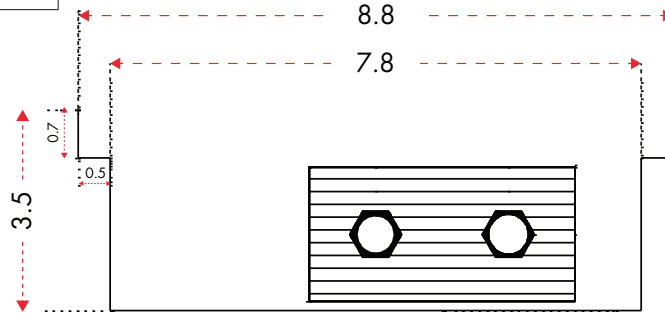
HEIGHT 3.5 INCH

ORDER CODE: VK15-9/20/L-12

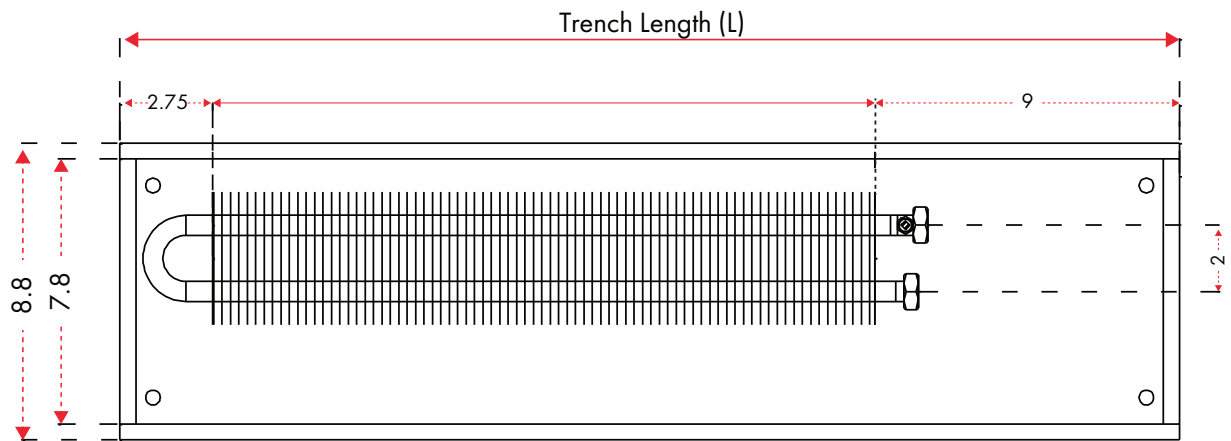
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	3.5
TRENCH WIDTH (W)	7.8
GRILLE WIDTH (Wg)	8.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-12
CONNECTION SPACE	6.6
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-09/20/800-12	31.5	668	534	407	172	71	48
VK15-09/20/1000-12	39.5	938	749	571	241	100	67
VK15-09/20/1300-12	51	1337	1068	813	344	143	96
VK15-09/20/1600-12	63	1736	1387	1056	446	185	125
VK15-09/20/1900-12	75	2140	1710	1302	550	228	154
VK15-09/20/2200-12	86.5	2539	2029	1545	653	271	182
VK15-09/20/2500-12	98.5	2943	2352	1791	756	314	211
VK15-09/20/2800-12	110	3342	2671	2033	859	356	240
VK15-09/20/3200-12	126	3876	3097	2358	996	413	278
VK15-09/20/3600-12	141.5	4410	3524	2683	1133	470	317
VK15-09/20/4000-12	157.5	4949	3954	3011	1272	528	355

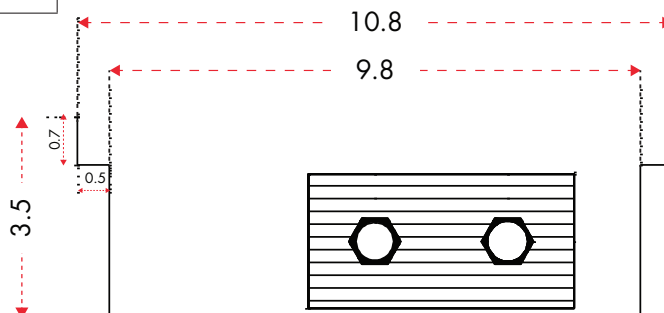
Heating outputs according to EN16430 for room air temperature 68°F

ORDER CODE: VK15-9/25/L-12

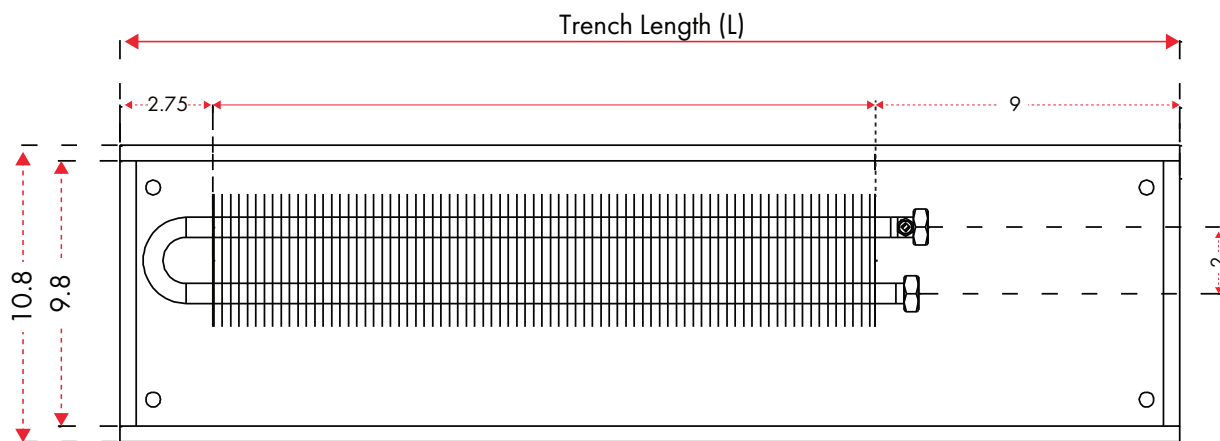
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	3.5
TRENCH WIDTH (W)	9.8
GRILLE WIDTH (Wg)	10.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-12
CONNECTION SPACE	6.6
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
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ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEAT ING OUTPUT [BTU/H]					
VK15-09/25/800-12	31.5	863	690	525	222	92	62
VK15-09/25/1000-12	39.5	1207	965	734	310	129	87
VK15-09/25/1300-12	51	1726	1379	1050	444	184	124
VK15-09/25/1600-12	63	2245	1794	1366	577	239	161
VK15-09/25/1900-12	75	2764	2208	1681	710	295	198
VK15-09/25/2200-12	86.5	3278	2619	1994	842	349	235
VK15-09/25/2500-12	98.5	3796	3033	2309	976	405	272
VK15-09/25/2800-12	110	4315	3448	2625	1109	460	310
VK15-09/25/3200-12	126	5004	3998	3044	1286	534	359
VK15-09/25/3600-12	141.5	5697	4552	3466	1464	607	409
VK15-09/25/4000-12	157.5	6386	5102	3885	1641	681	458

Heating outputs according to EN16430 for room air temperature 68°F

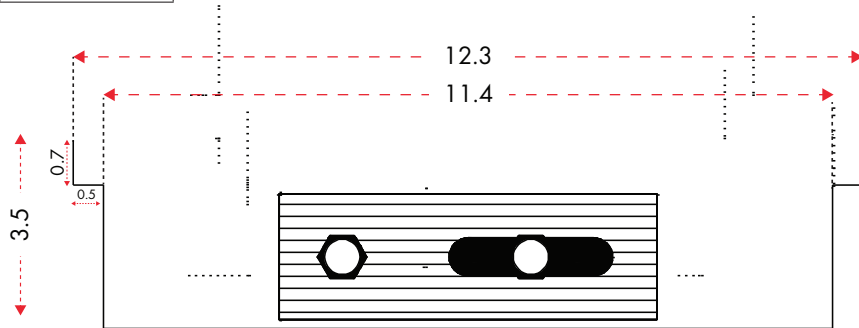
HEIGHT 3.5 INCH

ORDER CODE: VK15-9/29/L-13

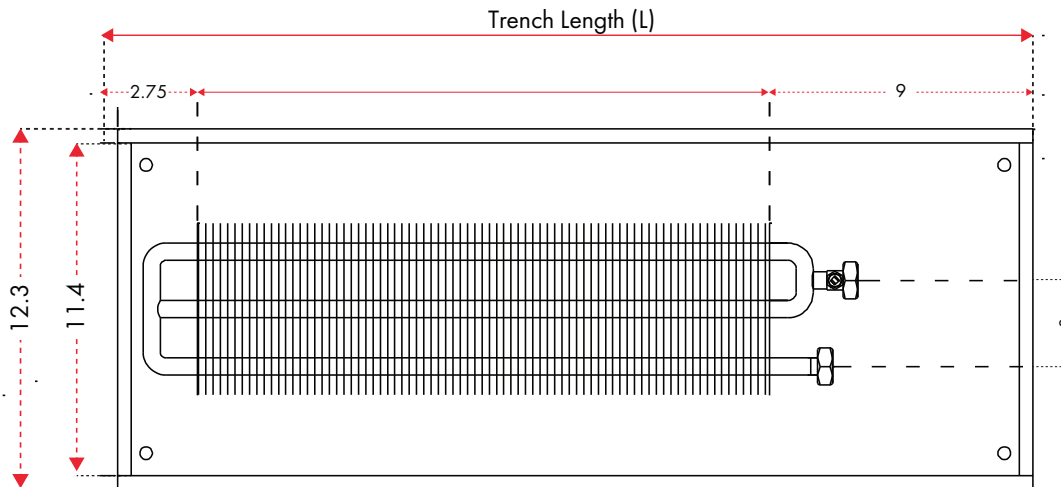
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	3.5
TRENCH WIDTH (W)	11.4
GRILLE WIDTH (Wg)	12.3
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-13
CONNECTION SPACE	5.4
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-09/29/800-13	31.5	1127	901	686	290	120	81
VK15-09/29/1000-13	39.5	1576	1260	959	405	168	113
VK15-09/29/1300-13	51	2250	1798	1369	578	240	161
VK15-09/29/1600-13	63	2923	2336	1778	751	312	210
VK15-09/29/1900-13	75	3851	3077	2343	990	411	276
VK15-09/29/2200-13	86.5	4275	3416	2601	1099	456	307
VK15-09/29/2500-13	98.5	4949	3954	3011	1272	528	355
VK15-09/29/2800-13	110	5627	4496	3423	1446	600	404
VK15-09/29/3200-13	126	6525	5214	3970	1677	696	468
VK15-09/29/3600-13	141.5	7423	5931	4516	1908	792	533
VK15-09/29/4000-13	157.5	8326	6653	5065	2140	888	598

Heating outputs according to EN16430 for room air temperature 68°F

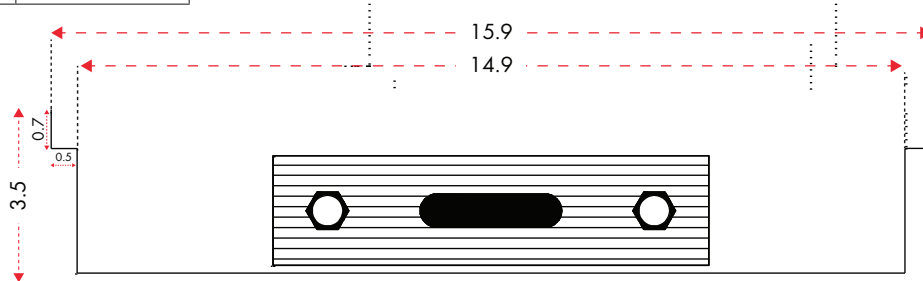
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ORDER CODE: VK15-9/38/L-14

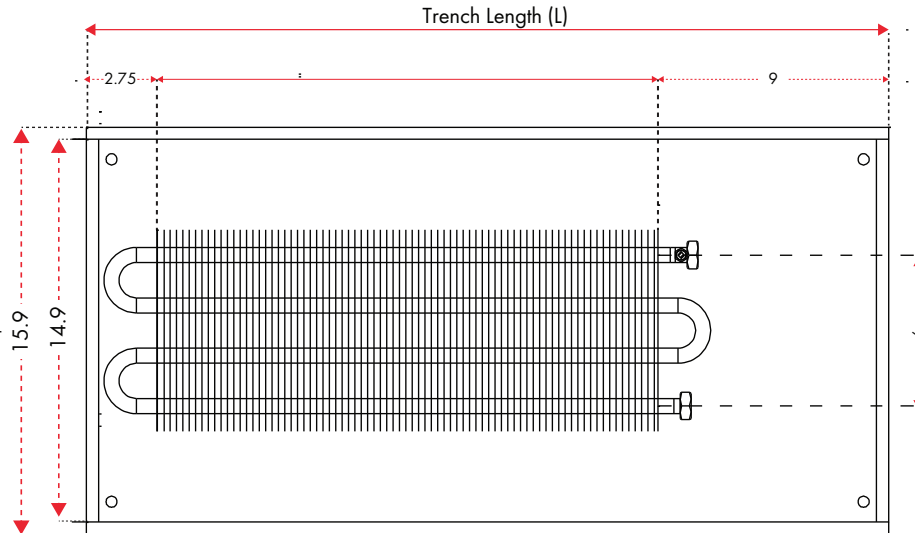
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	3.5
TRENCH WIDTH (W)	14.9
GRILLE WIDTH (Wg)	15.9
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-14
CONNECTION SPACE	6.6
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-09/38/800-14	31.5	1621	986	986	417	173	116
VK15-09/38/1000-14	39.5	2270	1814	1381	583	242	163
VK15-09/38/1300-14	51	3243	2591	1973	833	346	233
VK15-09/38/1600-14	63	4215	3368	2564	1083	449	303
VK15-09/38/1900-14	75	5188	4146	3156	1333	553	372
VK15-09/38/2200-14	86.5	6161	4923	3748	1583	657	442
VK15-09/38/2500-14	98.5	7134	5700	4340	1833	761	512
VK15-09/38/2800-14	110	8107	6478	4932	2083	864	582
VK15-09/38/3200-14	126	9404	7514	5721	2417	1003	675
VK15-09/38/3600-14	141.5	10701	8550	6510	2750	1141	768
VK15-09/38/4000-14	157.5	11998	9587	7299	3084	1279	861

Heating outputs according to EN16430 for room air temperature 68°F

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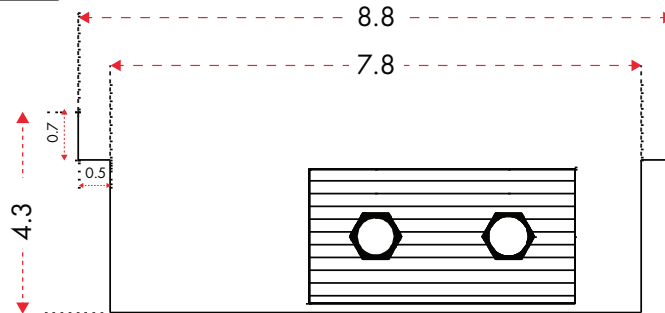
HEIGHT 4.3 INCH

ORDER CODE: VK15-11/20/L-12

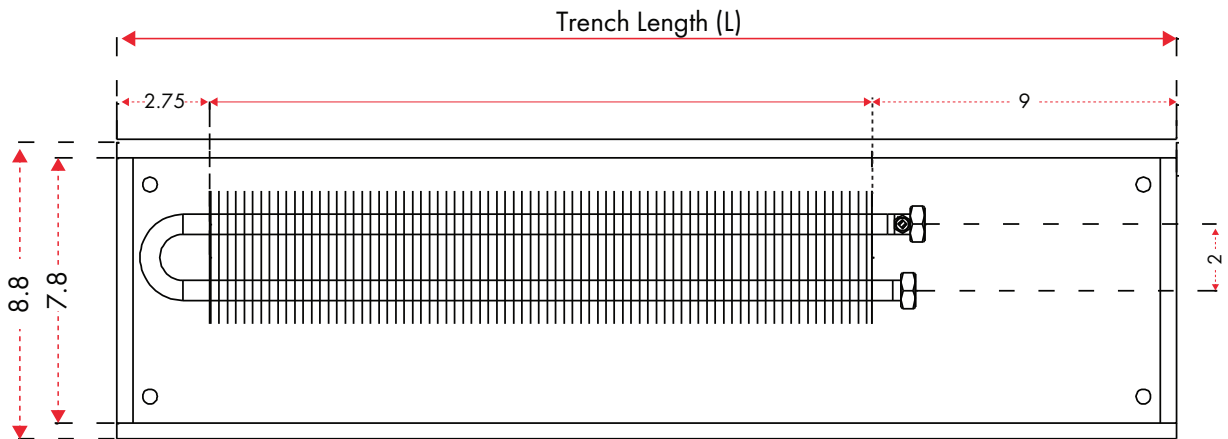
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	4.3
TRENCH WIDTH (W)	7.8
GRILLE WIDTH (Wg)	8.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-12
CONNECTION SPACE	6.6
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-11/20/800-12	31.5	773	618	470	199	82	55
VK15-11/20/1000-12	39.5	1078	861	656	277	115	77
VK15-11/20/1300-12	51	1542	1232	938	396	164	111
VK15-11/20/1600-12	63	2005	1602	1220	515	185	125
VK15-11/20/1900-12	75	2464	1969	1499	633	214	144
VK15-11/20/2200-12	86.5	2928	2340	1781	753	263	177
VK15-11/20/2500-12	98.5	3392	2711	2064	872	312	210
VK15-11/20/2800-12	110	3856	3081	2346	991	362	243
VK15-11/20/3200-12	126	4470	3572	2719	1149	411	277
VK15-11/20/3600-12	141.5	5088	4066	3096	1308	543	365
VK15-11/20/4000-12	157.5	5702	4556	3469	1465	608	409

Heating outputs according to EN16430 for room air temperature 68°F

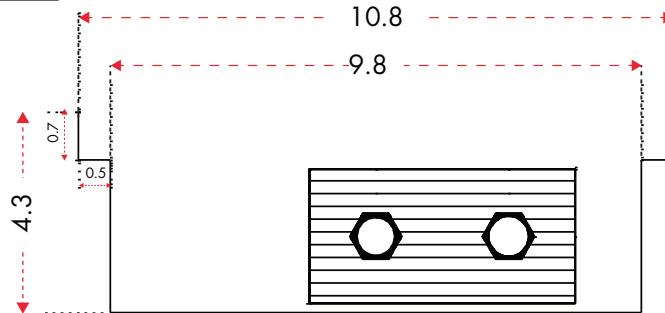
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ORDER CODE: VK15-11/25/L-12

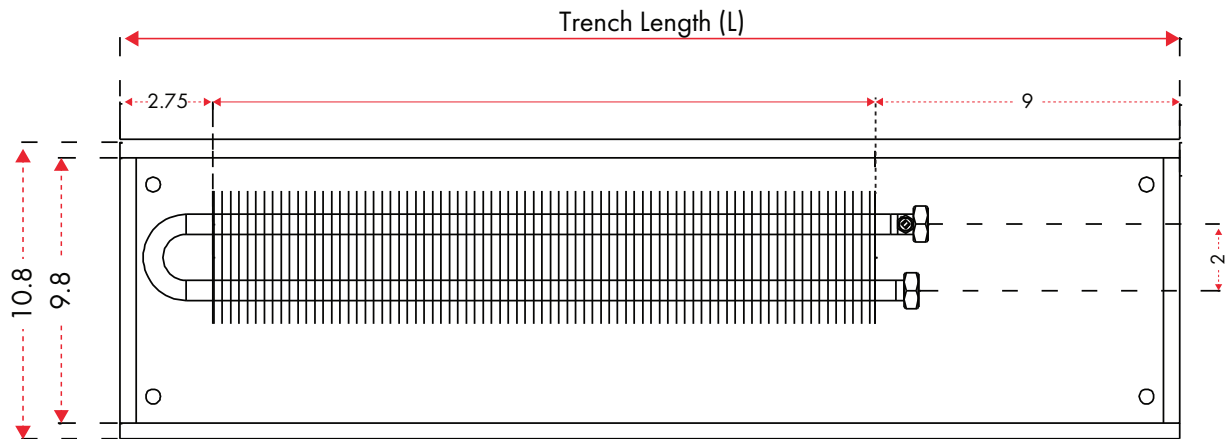
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	4.3
TRENCH WIDTH (W)	9.8
GRILLE WIDTH (Wg)	10.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-12
CONNECTION SPACE	6.6
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-11/25/800-12	31.5	1023	817	622	263	109	73
VK15-11/25/1000-12	39.5	1427	1140	868	367	152	102
VK15-11/25/1300-12	51	2040	1630	1241	524	218	146
VK15-11/25/1600-12	63	2654	2121	1615	682	283	190
VK15-11/25/1900-12	75	3263	2607	1985	839	348	234
VK15-11/25/2200-12	86.5	3876	3097	2358	996	413	278
VK15-11/25/2500-12	98.5	4490	3588	2731	1154	479	322
VK15-11/25/2800-12	110	5103	4078	3105	1312	544	366
VK15-11/25/3200-12	126	5917	4728	3599	1521	631	425
VK15-11/25/3600-12	141.5	6735	5381	4097	1731	718	483
VK15-11/25/4000-12	157.5	7548	6031	4592	1940	805	542

Heating outputs according to EN16430 for room air temperature 68°F

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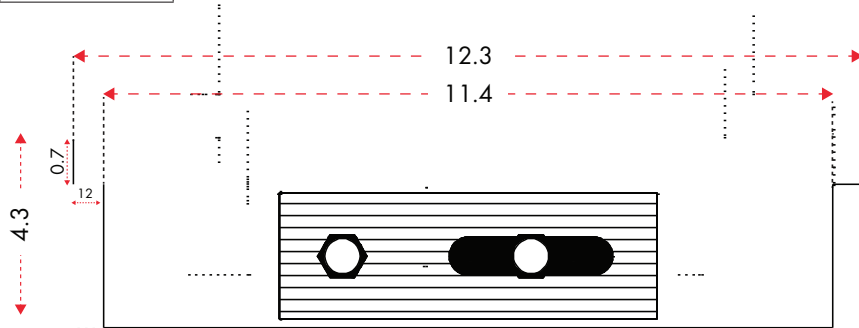
HEIGHT 4.3 INCH

ORDER CODE: VK15-11/29/L-13

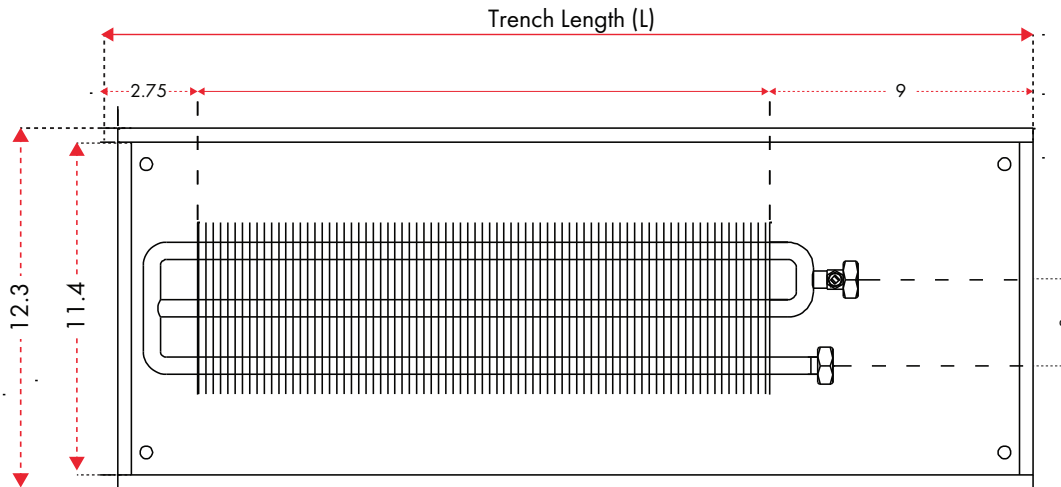
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	4.3
TRENCH WIDTH (W)	11.4
GRILLE WIDTH (Wg)	12.3
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-13
CONNECTION SPACE	5.4
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-11/29/800-13	31.5	1332	1064	810	342	142	96
VK15-11/29/1000-13	39.5	1861	1487	1132	478	198	134
VK15-11/29/1300-13	51	2659	2125	1618	683	284	191
VK15-11/29/1600-13	63	3457	2762	2103	889	369	248
VK15-11/29/1900-13	75	4255	3400	2589	1094	454	305
VK15-11/29/2200-13	86.5	5054	4038	3074	1299	539	363
VK15-11/29/2500-13	98.5	5852	4676	3560	1504	624	420
VK15-11/29/2800-13	110	6650	5314	4045	1709	709	477
VK15-11/29/3200-13	126	7713	6163	4692	1982	822	554
VK15-11/29/3600-13	141.5	8775	7012	5338	2255	936	630
VK15-11/29/4000-13	157.5	9838	7861	5985	2528	1059	706

Heating outputs according to EN16430 for room air temperature 68°F

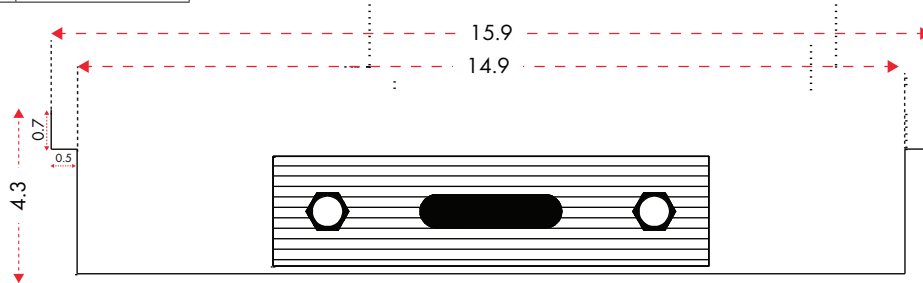
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ORDER CODE: VK15-11/38/L-14

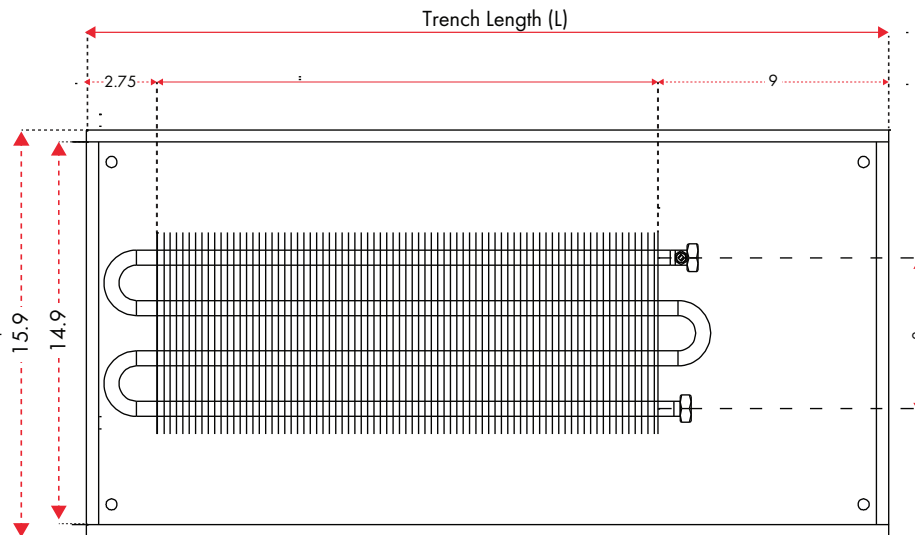
DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	4.3
TRENCH WIDTH (W)	14.9
GRILLE WIDTH (Wg)	15.9
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-14
CONNECTION SPACE	6.6
FIN TYPE	0.5

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES



MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-11/38/800-14	31.5	1866	1491	1135	480	199	134
VK15-11/38/1000-14	39.5	2614	2089	1590	672	279	188
VK15-11/38/1300-14	51	3732	2982	2270	959	398	268
VK15-11/38/1600-14	63	4849	3875	2950	1246	517	348
VK15-11/38/1900-14	75	5971	4771	3633	1535	637	429
VK15-11/38/2200-14	86.5	7089	5564	4312	1822	756	509
VK15-11/38/2500-14	98.5	8211	6561	4995	2110	876	589
VK15-11/38/2800-14	110	9329	7454	5675	2398	995	670
VK15-11/38/3200-14	126	10820	8646	6583	2781	1154	777
VK15-11/38/3600-14	141.5	12312	9838	7490	3164	1313	884
VK15-11/38/4000-14	157.5	13809	11034	8400	3549	1472	991

Heating outputs according to EN16430 for room air temperature 68°F

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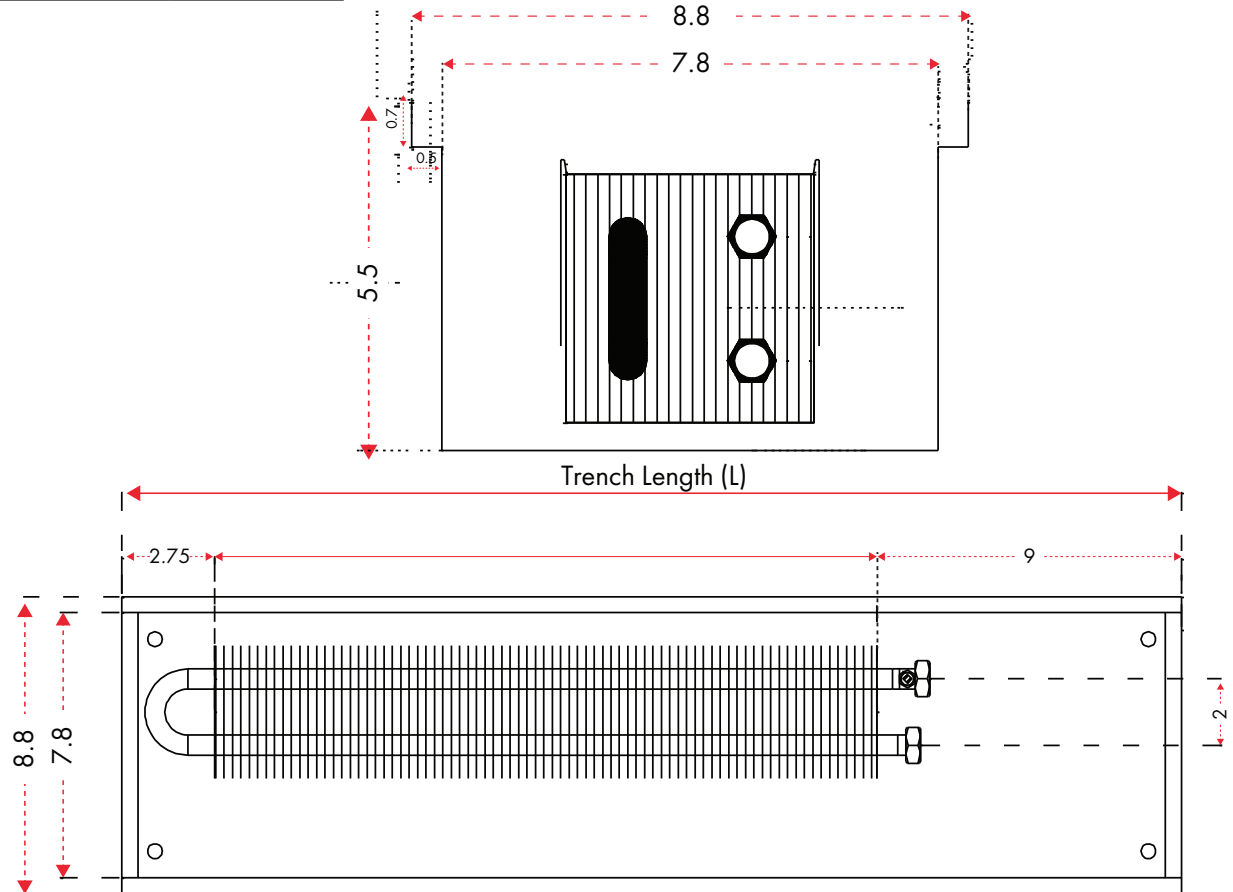
HEIGHT 5.5 INCH

ORDER CODE: VK15-14/20/L-22

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	5.5
TRENCH WIDTH (W)	7.8
GRILLE WIDTH (Wg)	8.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-22
CONNECTION SPACE	6.6
FIN TYPE	0.9

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-14/20/800-22	31.5	953	761	580	245	102	68
VK15-14/20/1000-22	39.5	1332	1064	810	342	142	96
VK15-14/20/1300-22	51	1906	1523	1159	490	203	137
VK15-14/20/1600-22	63	2479	1981	1508	637	264	178
VK15-14/20/1900-22	75	3048	2436	1854	783	325	219
VK15-14/20/2200-22	86.5	3622	2894	2203	931	386	260
VK15-14/20/2500-22	98.5	4190	3348	2549	1077	447	301
VK15-14/20/2800-22	110	4764	3807	2898	1224	508	342
VK15-14/20/3200-22	126	5527	4417	3363	1421	589	397
VK15-14/20/3600-22	141.5	6291	5027	3827	1617	671	451
VK15-14/20/4000-22	157.5	7049	5642	4288	1812	752	506

Heating outputs according to EN16430 for room air temperature 68°F

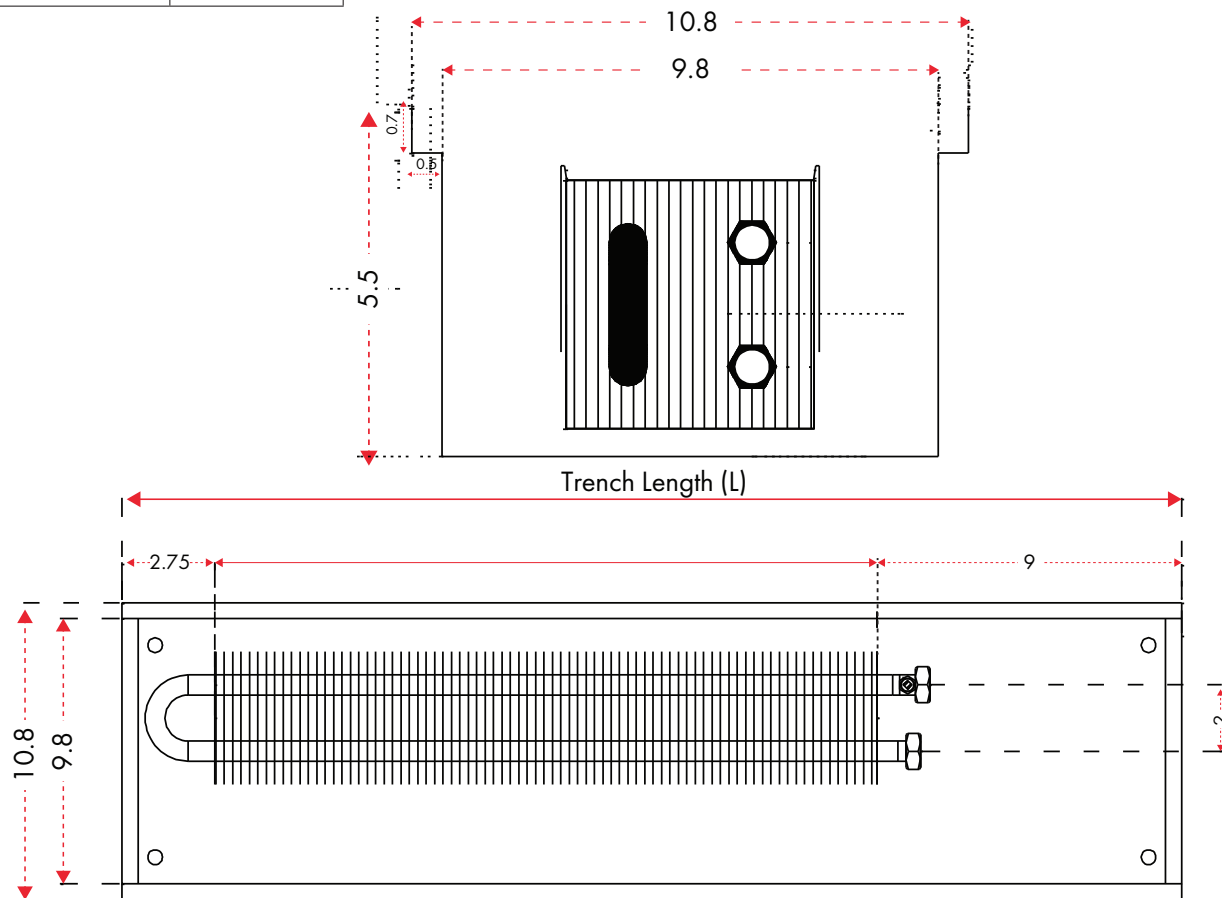
www.mdlsoln.com

ORDER CODE: VK15-14/25/L-22

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	5.5
TRENCH WIDTH (W)	9.8
GRILLE WIDTH (Wg)	10.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-22
CONNECTION SPACE	6.6
FIN TYPE	0.9

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-14/25/800-22	31.5	1262	1009	768	324	135	91
VK15-14/25/1000-122	39.5	1766	1411	1074	454	188	127
VK15-14/25/1300-22	51	2524	2017	1536	649	269	181
VK15-14/25/1600-22	63	3283	2623	1997	844	350	236
VK15-14/25/1900-22	75	4041	3229	2458	1039	431	290
VK15-14/25/2200-22	86.5	4794	3831	2916	1232	511	344
VK15-14/25/2500-22	98.5	5552	4437	3378	1427	592	398
VK15-14/25/2800-22	110	6311	5043	3839	1622	673	453
VK15-14/25/3200-22	126	7318	5848	4452	1881	780	525
VK15-14/25/3600-22	141.5	8331	6657	5068	2141	888	598
VK15-14/25/4000-22	157.5	9339	7462	5681	2400	996	670

Heating outputs according to EN16430 for room air temperature 68°F

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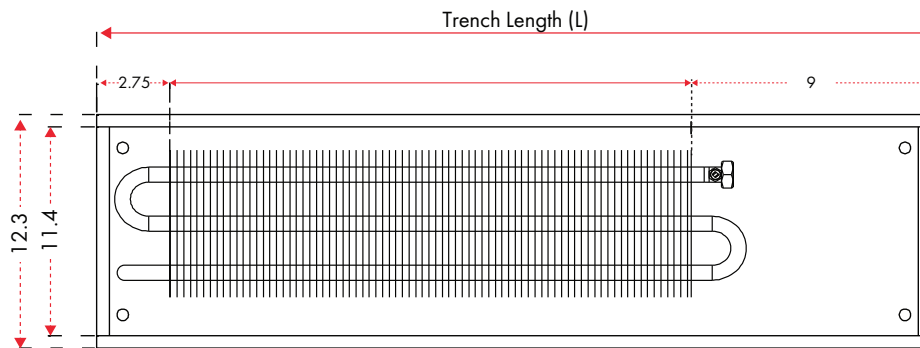
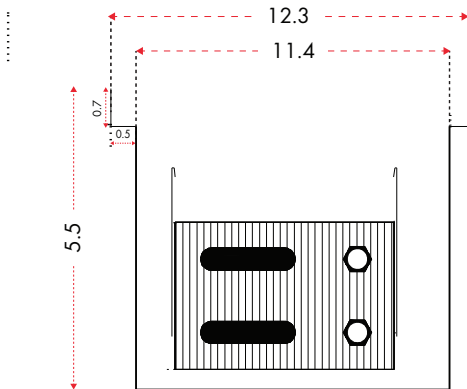
HEIGHT 5.5 INCH

ORDER CODE: VK15-14/29/L-23

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	5.5
TRENCH WIDTH (W)	11.4
GRILLE WIDTH (Wg)	12.3
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-23
CONNECTION SPACE	6.6
FIN TYPE	0.9

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-14/29/800-23	31.5	1716	1371	1044	441	183	123
VK15-14/29/1000-23	39.5	2405	1921	1463	618	256	173
VK15-14/29/1300-23	51	3432	2742	2088	882	246	246
VK15-14/29/1600-23	63	4460	3564	2719	1146	476	320
VK15-14/29/1900-23	75	5493	4389	3341	1412	586	394
VK15-14/29/2200-23	86.5	6520	5210	3966	1676	695	468
VK15-14/29/2500-23	98.5	7553	6035	4595	1941	805	542
VK15-14/29/2800-23	110	8581	6856	5220	2205	915	616
VK15-14/29/3200-23	126	9952	7952	6054	2558	1061	714
VK15-14/29/3600-23	141.5	11324	9049	6889	2910	1208	813
VK15-14/29/4000-23	157.5	12701	10149	7727	3264	1354	912

Heating outputs according to EN16430 for room air temperature 68°F

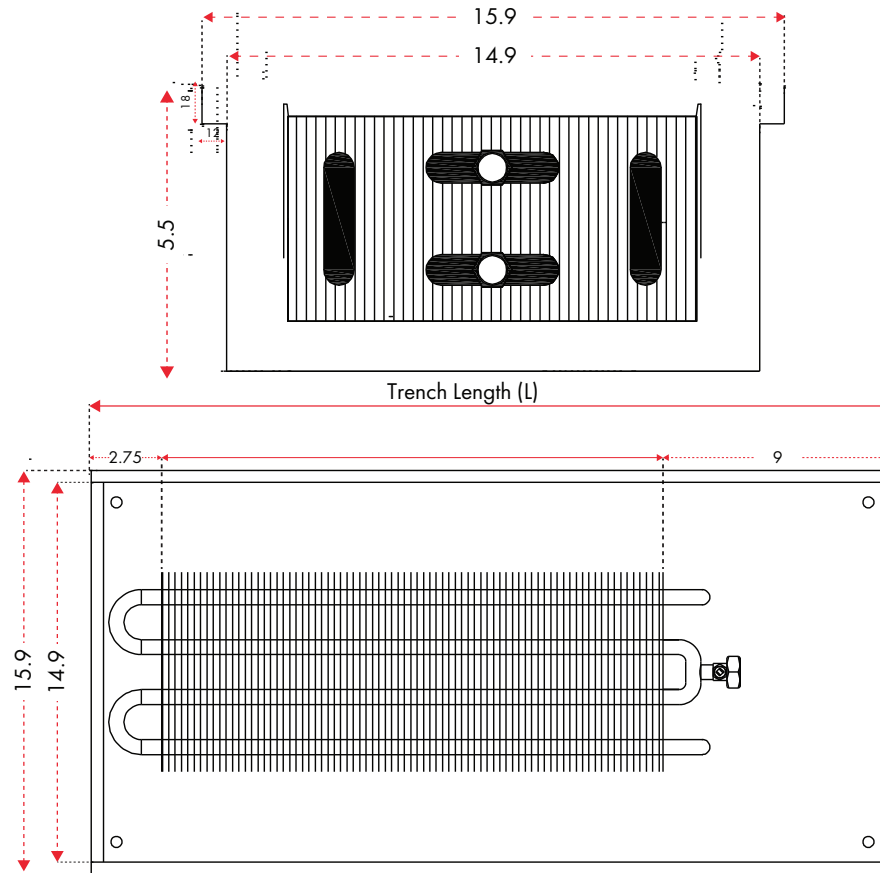
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ORDER CODE: VK15-14/38/L-24

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	5.5
TRENCH WIDTH (W)	14.9
GRILLE WIDTH (Wg)	15.9
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-24
CONNECTION SPACE	6.6
FIN TYPE	0.9

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-14/38/800-24	31.5	2320	1854	1411	596	247	166
VK15-14/38/1000-24	39.5	3243	2591	1973	833	346	233
VK15-14/38/1300-24	51	4634	3703	2819	1191	494	333
VK15-14/38/1600-24	63	6026	4815	3666	1549	649	433
VK15-14/38/1900-24	75	7413	5923	4510	1905	790	532
VK15-14/38/2200-24	86.5	8805	7036	5356	2269	939	632
VK15-14/38/2500-24	98.5	10197	8148	6203	2621	1087	732
VK15-14/38/2800-24	110	11589	9260	7050	2978	1236	832
VK15-14/38/3200-24	126	13440	10739	8176	3454	1433	965
VK15-14/38/ 3600-24	141.5	15295	12222	9305	3931	1631	1098
VK15-14/38/4000-24	157.5	17146	13700	10431	4407	1828	1231

Heating outputs according to EN16430 for room air temperature 68°F

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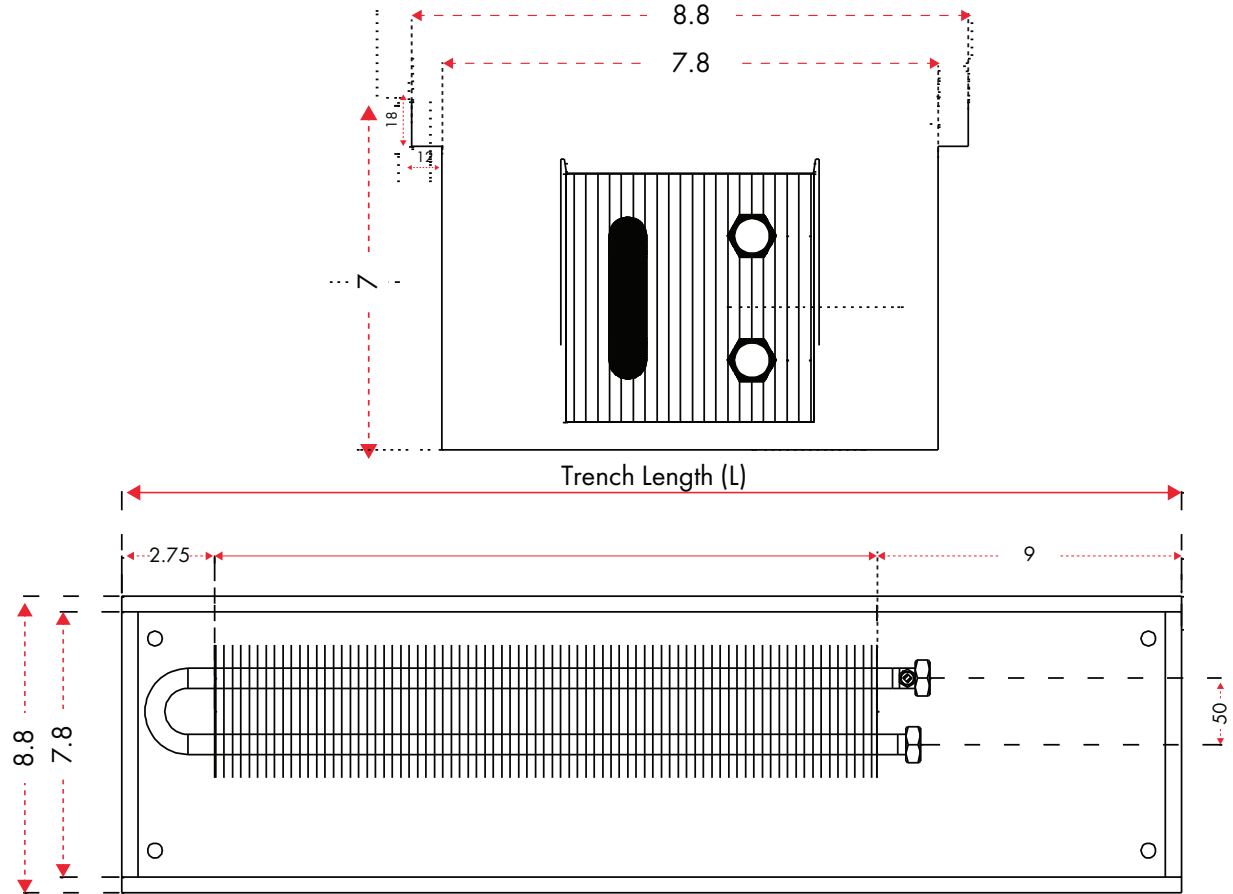
HEIGHT 7 INCHES

ORDER CODE: VK15-18/20/L-22

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	7
TRENCH WIDTH (W)	7.8
GRILLE WIDTH (Wg)	8.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER T	L-22
CONNECTION SPACE	6.6
FIN TYPE	0.9

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-18/20/800-22	31.5	1272	1016	774	327	136	91
VK15-18/20/1000-22	39.5	1781	1423	1083	458	190	128
VK15-18/20/1300-22	51	2549	2037	1551	655	272	183
VK15-18/20/1600-22	63	3312	2647	2015	851	353	238
VK15-18/20/1900-22	75	4076	3257	2479	1047	435	293
VK15-18/20/2200-22	86.5	4839	3867	2944	1244	516	347
VK15-18/20/2500-22	98.5	5602	4476	3408	1440	597	402
VK15-18/20/2800-22	110	6371	5090	3875	1637	679	457
VK15-18/20/3200-22	126	7388	5904	4495	1899	788	530
VK15-18/20/3600-22	141.5	8411	6721	5117	21622	897	604
VK15-18/20/4000-22	157.5	9424	7530	5733	2422	1005	676

Heating outputs according to EN16430 for room air temperature 68°F

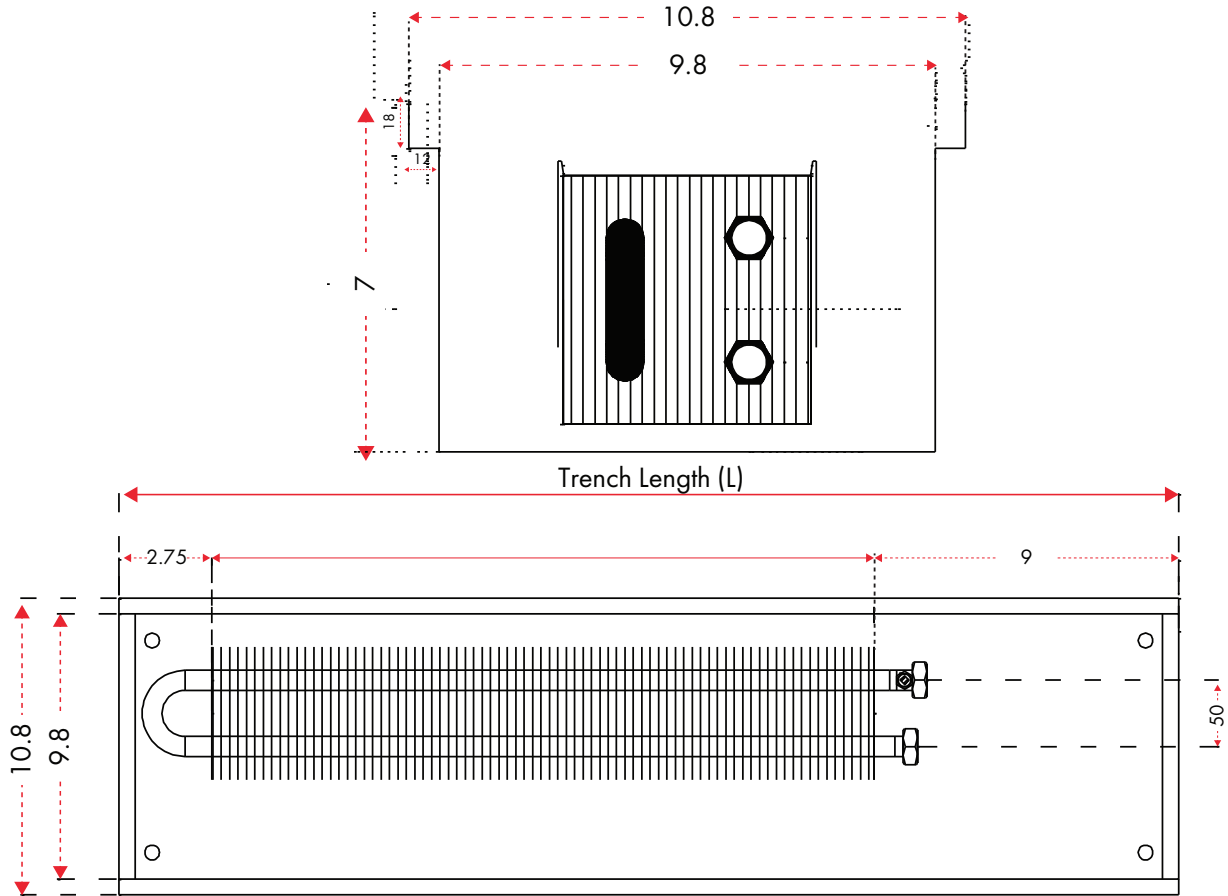
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ORDER CODE: VK15-18/25/L-22

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	7
TRENCH WIDTH (W)	9.8
GRILLE WIDTH (Wg)	10.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-22
CONNECTION SPACE	6.6
FIN TYPE	22

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-18/25/800-22	31.5	1542	1232	938	396	164	111
VK15-18/25/1000-22	39.5	2155	1722	1311	554	230	155
VK15-18/25/1300-22	51	3083	2463	1876	792	329	221
VK15-18/25/1600-22	63	4006	3201	2437	1030	427	288
VK15-18/25/1900-22	75	4929	3938	2998	1267	526	354
VK15-18/25/2200-22	86.5	5852	4676	3560	1504	624	420
VK15-18/25/2500-22	98.5	6780	5417	4124	1742	723	487
VK15-18/25/2800-22	110	7703	6155	4686	1980	821	553
VK15-18/25/3200-22	126	8935	7139	5435	2296	953	641
VK15-18/25/3600-22	141.5	10172	8128	6188	2641	1085	730
VK15-18/25/4000-22	157.5	11399	9108	6935	2930	1215	818

Heating outputs according to EN16430 for room air temperature 68°F

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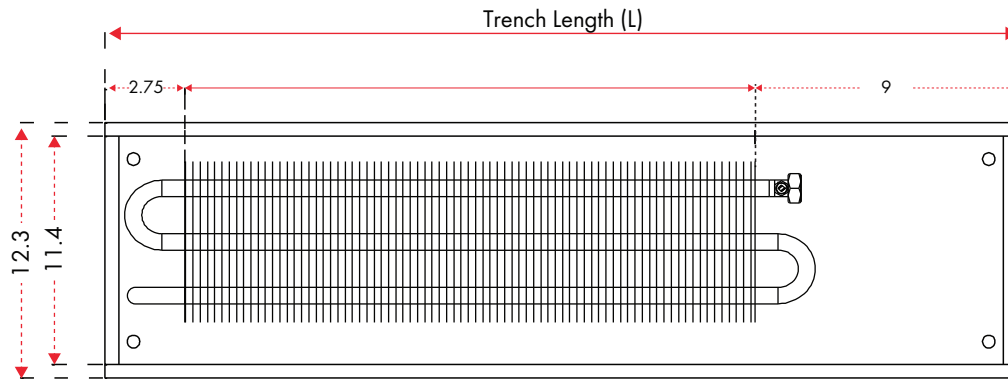
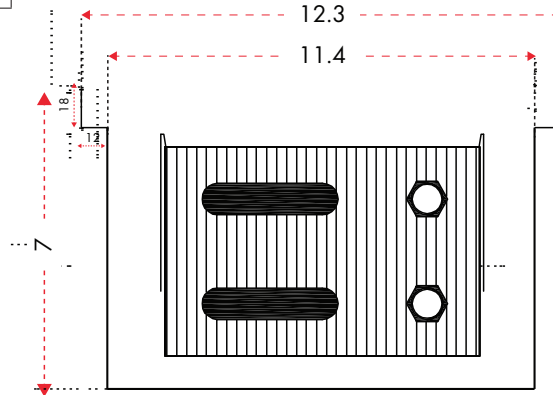
HEIGHT 7 INCHES

ORDER CODE: VK15-18/29/L-23

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	7
TRENCH WIDTH (W)	11.4
GRILLE WIDTH (Wg)	12.3
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-23
CONNECTION SPACE	6.6
FIN TYPE	23

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-18/29/800-23	31.5	2040	1630	524	218	146	91
VK15-18/29/1000-23	39.5	2859	2284	1739	735	305	205
VK15-18/29/1300-23	51	4081	3261	2482	1049	435	293
VK15-18/29/1600-23	63	5308	4241	3229	1364	566	381
VK15-18/29/1900-23	75	6530	5218	3973	1678	696	469
VK15-18/29/2200-23	86.5	7757	6198	4719	1994	827	557
VK15-18/29/2500-23	98.5	8980	7175	5463	2308	957	644
VK15-18/29/2800-23	110	10207	8156	6209	2623	1088	733
VK15-18/29/3200-23	126	11838	9459	7202	3042	1262	850
VK15-18/29/3600-23	141.5	13469	10763	8194	3462	1436	967
VK15-18/29/4000-23	157.5	15106	12070	9189	3882	1611	1084

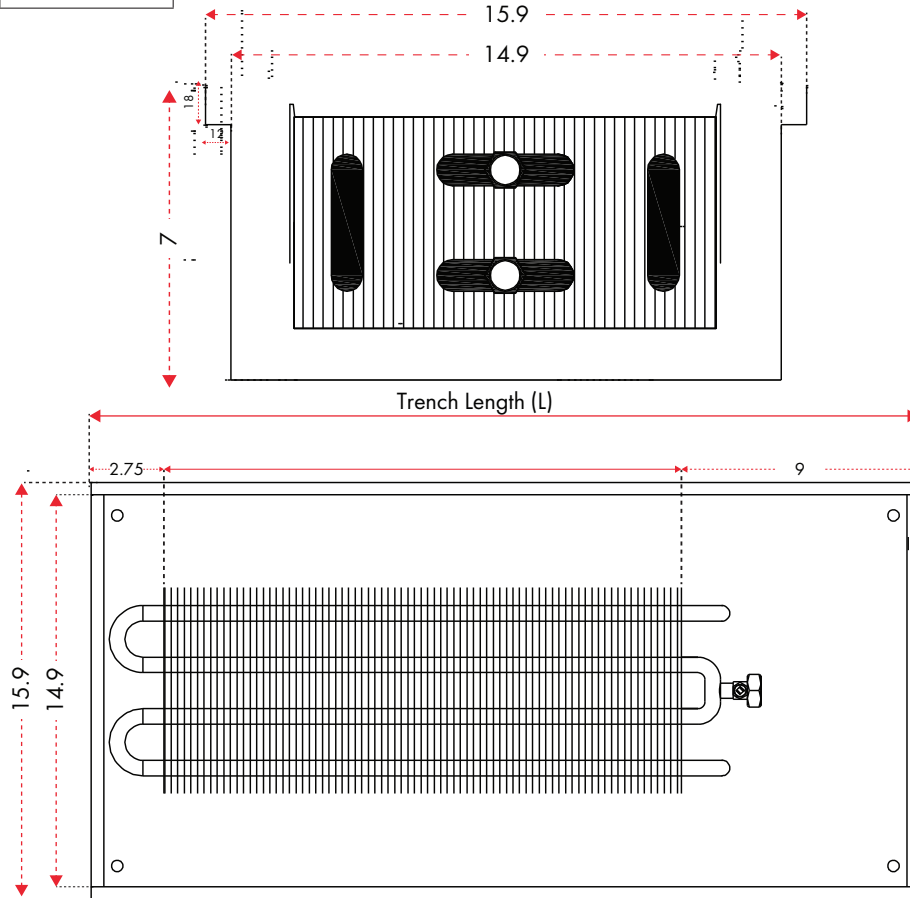
Heating outputs according to EN16430 for room air temperature 68°F

ORDER CODE: VK15-18/38/L-24

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	7
TRENCH WIDTH (W)	14.9
GRILLE WIDTH (Wg)	15.9
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-24
CONNECTION SPACE	5.4
FIN TYPE	24

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-18/38/800-24	31.5	2809	2244	1709	722	299	202
VK15-18/38/1000-24	39.5	3926	3137	2388	1009	419	282
VK15-18/38/1300-24	51	5612	4484	3414	1442	598	403
VK15-18/38/1600-24	63	7293	5828	4437	1874	778	523
VK15-18/38/1900-24	75	8980	7175	5463	2308	957	644
VK15-18/38/2200-24	86.5	10661	8518	6485	2740	1137	765
VK15-18/38/2500-24	98.5	12347	9866	7511	3173	1317	886
VK15-18/38/2800-24	110	14033	11213	8537	3607	1496	1007
VK15-18/38/3200-24	126	16273	13003	9900	4182	1735	1168
VK15-18/38/3600-24	141.5	18518	14797	11265	4759	1975	1329
VK15-18/38/4000-24	157.5	20763	16590	12637	5336	2214	1490

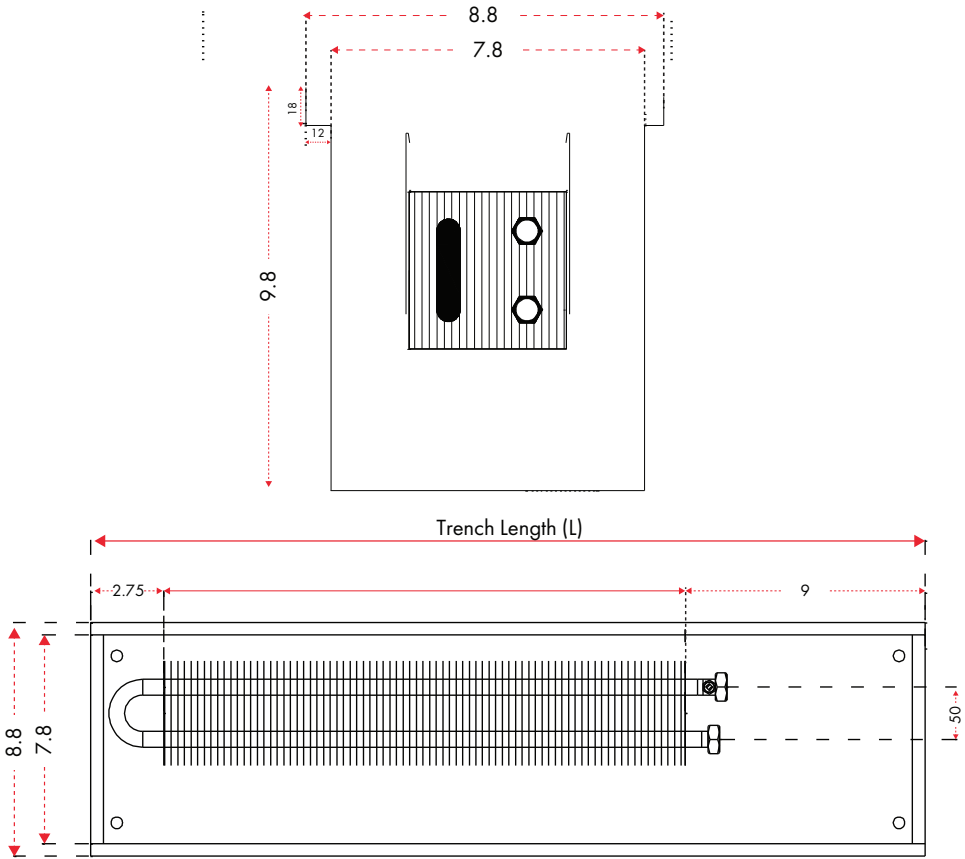
Heating outputs according to EN16430 for room air temperature 68°F

HEIGHT 9.8 INCHES
ORDER CODE: VK15-25/20/L-22

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	9.8
TRENCH WIDTH (W)	7.8
GRILLE WIDTH (Wg)	8.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-22
CONNECTION SPACE	6.6
FIN TYPE	22

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-25/20/800-22	31.5	1726	1379	1050	44	184	124
VK15-25/20/1000-22	39.5	2415	1929	1469	621	257	173
VK15-25/20/1300-22	51	3452	2758	2100	887	368	248
VK15-25/20/1600-22	63	4490	3588	2731	1154	479	322
VK15-25/20/1900-22	75	5522	4413	3360	1419	589	396
VK15-25/20/2200-22	86.5	6560	5242	3991	1686	700	471
VK15-25/20/2500-22	98.5	7593	6067	4619	1951	810	545
VK15-25/20/2800-22	110	8630	6896	5250	2218	920	619
VK15-25/20/3200-22	126	10012	8000	6091	2573	1068	719
VK15-25/20/3600-22	141.5	11394	9104	6932	2928	1215	818
VK15-25/20/4000-22	157.5	12771	10205	7769	3282	1362	917

Heating outputs according to EN16430 for room air temperature 68°F

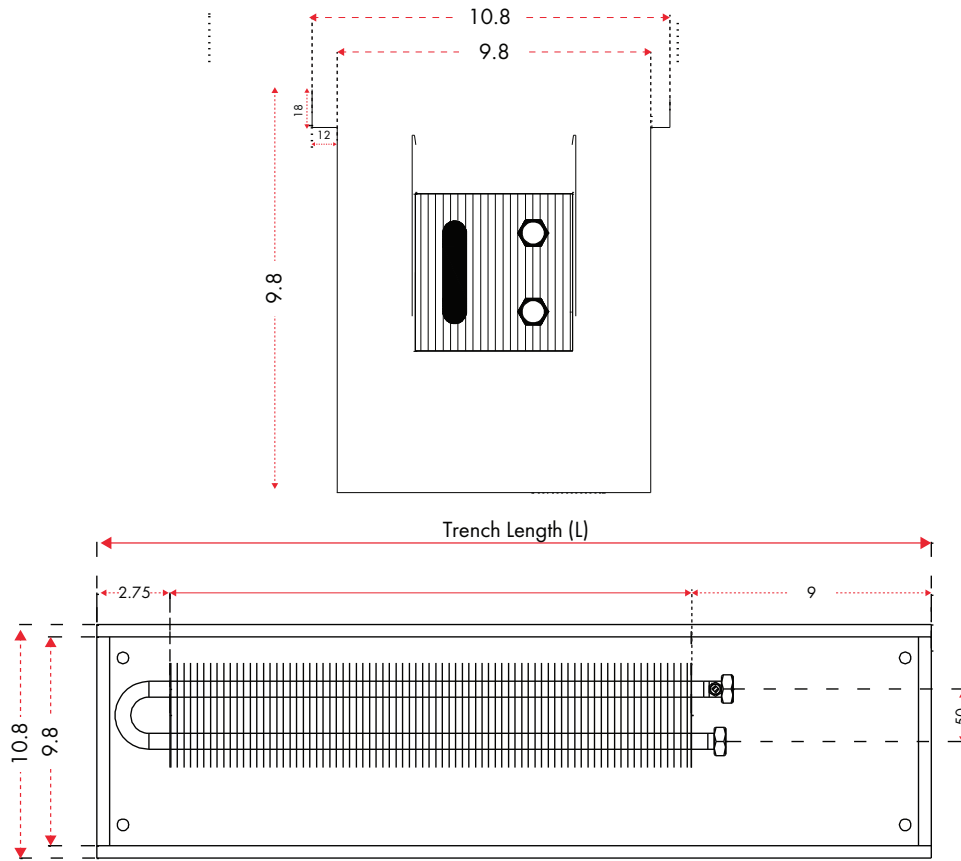
The manufacturer reserves the right to make changes to the design, colour and specifications of the product shown. All images are for illustrative purposes only and some features such as grilles are optional accessories and not considered as standard equipment.

ORDER CODE: VK15-25/25/L-22

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	9.8
TRENCH WIDTH (W)	9.8
GRILLE WIDTH (Wg)	10.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-22
CONNECTION SPACE	6.6
FIN TYPE	22

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-25/25/800-22	31.5	1936	1547	1178	497	206	139
VK15-25/25/1000-22	39.5	2709	2164	1648	696	289	194
VK15-25/25/1300-22	51	3866	3089	2352	994	412	277
VK15-25/25/1600-22	63	5029	4018	3059	1292	536	361
VK15-25/25/1900-22	75	6186	4943	3763	1590	660	444
VK15-25/25/2200-22	86.5	7348	5872	4470	1889	784	527
VK15-25/25/2500-22	98.5	8506	6796	5174	2186	907	610
VK15-25/25/2800-22	110	9668	7725	5881	2485	1031	694
VK15-25/25/3200-22	126	11215	8961	6822	2882	1196	805
VK15-25/25/3600-22	141.5	12761	10197	7763	3280	1361	916
VK15-25/25/4000-22	157.5	14308	11432	8704	3677	1526	1027

Heating outputs according to EN16430 for room air temperature 68°F

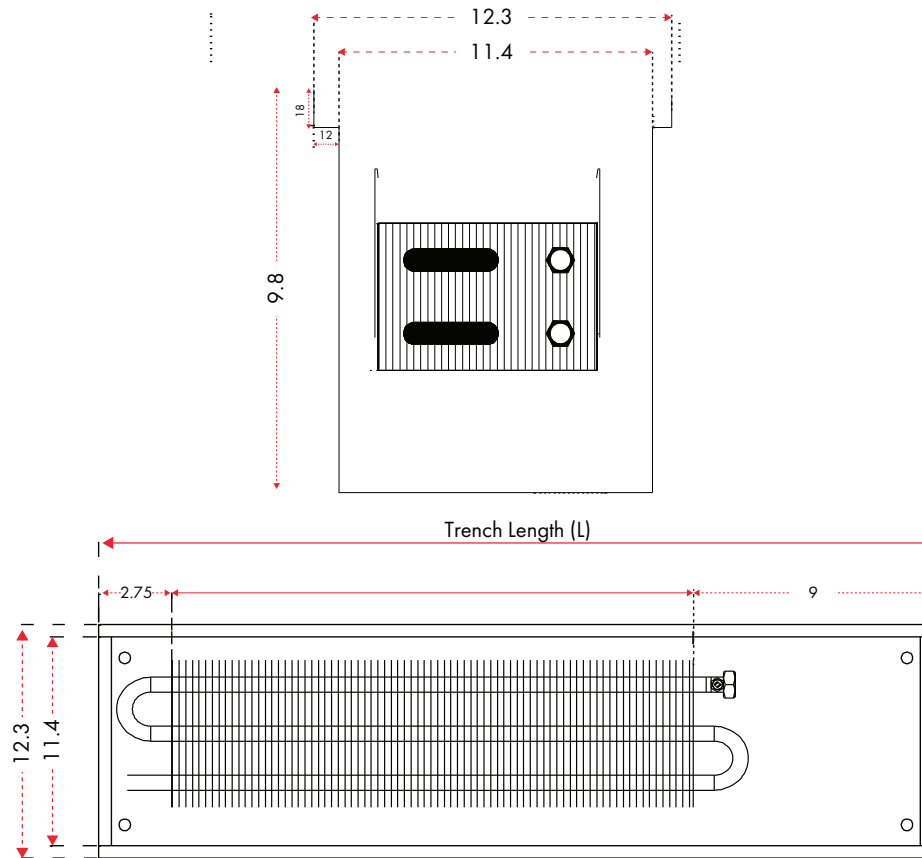
HEIGHT 9.8 INCHES

ORDER CODE: VK15-25/29/L-23

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	9.8
TRENCH WIDTH (W)	11.4
GRILLE WIDTH (Wg)	12.3
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-23
CONNECTION SPACE	6.6
FIN TYPE	23

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-25/29/800-23	31.5	2499	1997	1520	642	267	179
VK15-25/29/1000-23	39.5	3497	2794	2127	899	373	251
VK15-25/29/1300-23	51	4999	3994	3041	1285	533	359
VK15-25/29/1600-23	63	6500	5194	3954	1671	693	467
VK15-25/29/1900-23	75	7997	6390	4865	2055	853	574
VK15-25/29/2200-23	86.5	9498	7590	5778	2441	1013	682
VK15-25/29/2500-23	98.5	10995	8786	6689	2826	1172	789
VK15-25/29/2800-23	110	12497	9985	7602	3212	1333	897
VK15-25/29/3200-23	126	14497	11584	8819	3726	1546	1040
VK15-25/29/3600-23	141.5	16498	13182	10036	4240	1759	1184
VK15-25/29/4000-23	157.5	18493	14777	11250	4753	1972	1372

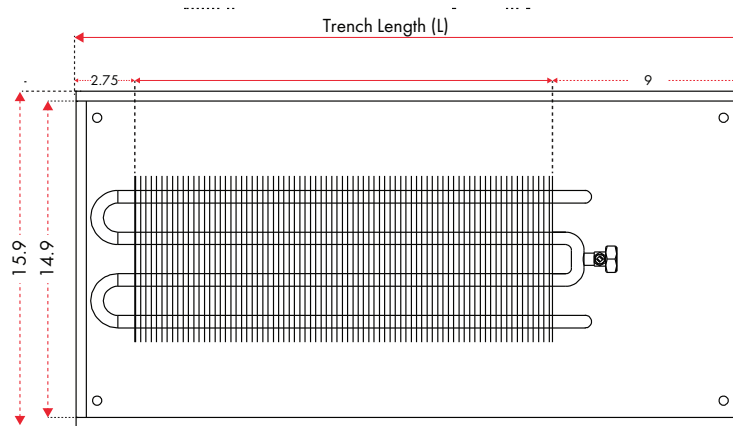
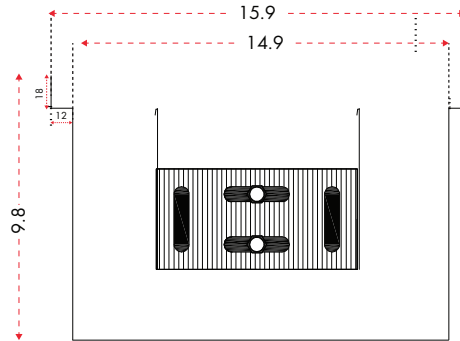
Heating outputs according to EN16430 for room air temperature 68°F

ORDER CODE: VK15-25/38/L-24

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	9.8
TRENCH WIDTH (W)	14.9
GRILLE WIDTH (Wg)	15.9
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-24
CONNECTION SPACE	5.4
FIN TYPE	24

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-25/38/800-24	31.5	3497	2794	2127	899	373	251
VK15-25/38/1000-24	39.5	4894	3910	2977	1258	522	351
VK15-25/38/1300-24	51	6989	5585	4252	1796	745	502
VK15-25/38/1600-24	63	9084	7259	5526	2335	969	652
VK15-25/38/1900-24	75	11185	8937	6804	2875	1193	803
VK15-25/38/2200-24	86.5	13280	10611	8079	3413	1416	953
VK15-25/38/2500-24	98.5	15375	12285	9353	3952	1639	1103
VK15-25/38/2800-24	110	17475	13964	10631	4491	1863	1254
VK15-25/38/3200-24	126	20269	16196	12330	5209	2161	1455
VK15-25/38/3600-24	141.5	23063	18428	14030	5927	2459	1655
VK15-25/38/4000-24	157.5	25861	20664	15732	6647	2758	1856

Heating outputs according to EN16430 for room air temperature 68°F

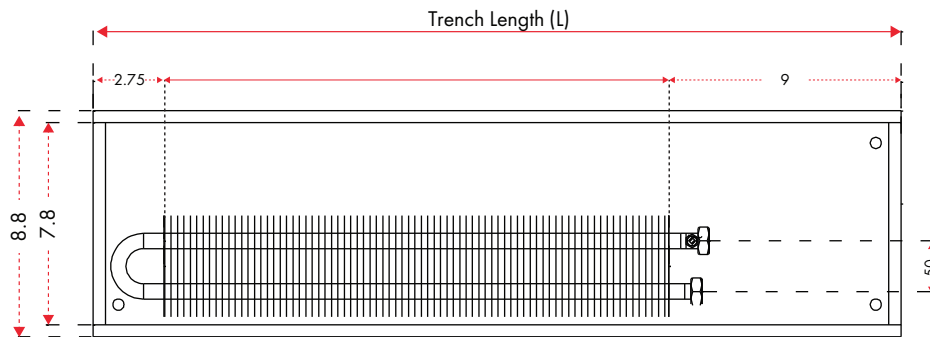
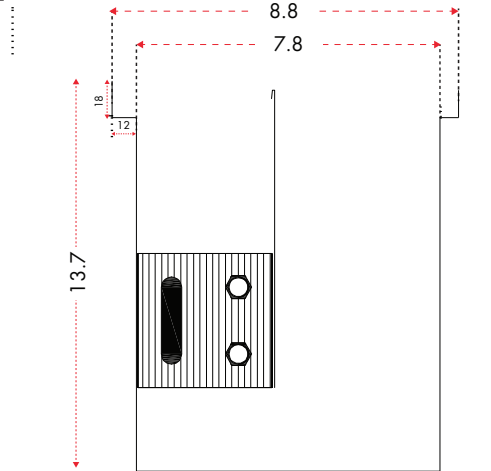
HEIGHT 13.7 INCHES

ORDER CODE: VK15-35/20/L-22(L/P)

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	13.7
TRENCH WIDTH (W)	7.8
GRILLE WIDTH (Wg)	8.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-22
CONNECTION SPACE	6.6
FIN TYPE	22

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-35/20/800-22	31.5	2080	1662	1266	535	222	149
VK15-35/20/1000-22	39.5	2908	2324	1769	747	310	209
VK15-35/20/1300-22	51	4156	3320	2528	1068	443	298
VK15-35/20/1600-22	63	5403	4317	3287	1389	576	388
VK15-35/20/1900-22	75	6650	5314	4045	1709	709	477
VK15-35/20/2200-22	86.5	7897	6310	4804	2030	842	567
VK15-35/20/2500-22	98.5	9144	7307	5563	2350	975	656
VK15-35/20/2800-22	110	10391	8303	6322	2671	1108	746
VK15-35/20/3200-22	126	12053	9631	7332	3098	1285	865
VK15-35/20/3600-22	141.5	13714	10958	8343	3525	1462	984
VK15-35/20/4000-22	157.5	15375	12285	9353	3952	1639	1103

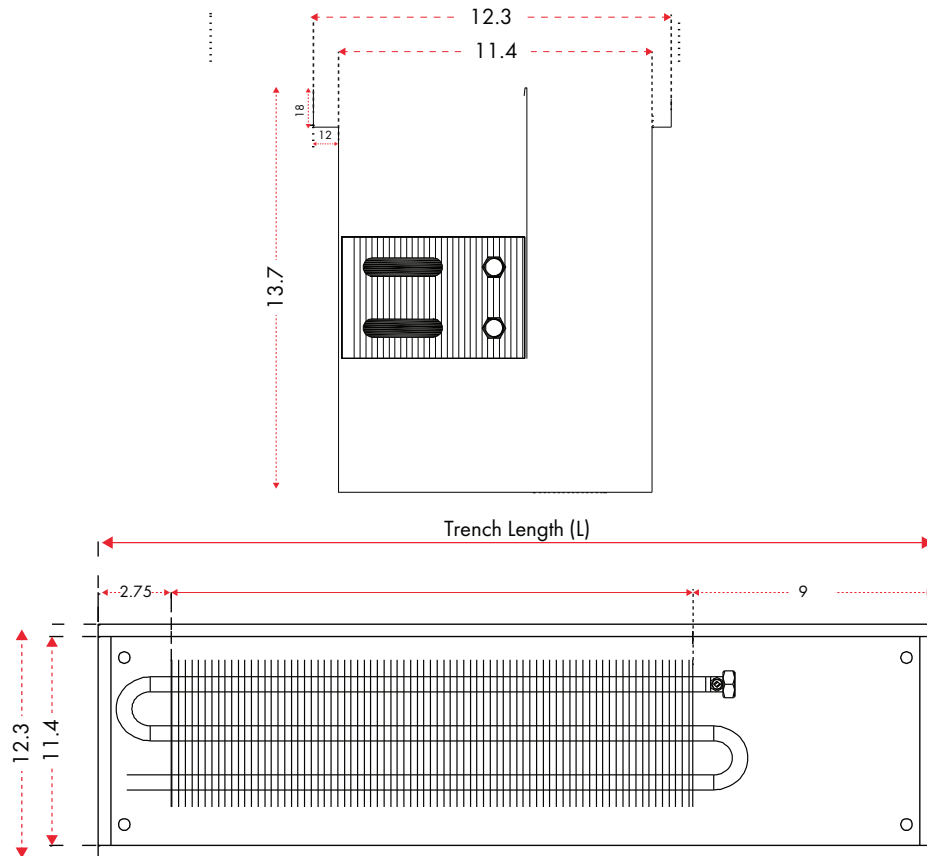
Heating outputs according to EN16430 for room air temperature 68°F

ORDER CODE: VK15-35/29/L-23 (L/P)

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	13.7
TRENCH WIDTH (W)	11.4
GRILLE WIDTH (Wg)	12.3
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-23
CONNECTION SPACE	6.6
FIN TYPE	23

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-35/29/800-23	31.5	3462	2766	2106	890	369	248
VK15-35/29/1000-23	39.5	4844	3871	2947	1245	517	348
VK15-35/29/1300-23	51	6919	5529	4209	1778	738	497
VK15-35/29/1600-23	63	8995	7187	5472	2312	959	646
VK15-35/29/1900-23	75	11070	8845	6734	2845	1180	794
VK15-35/29/2200-23	86.5	13145	10504	7997	3378	1402	943
VK15-35/29/2500-23	98.5	15220	12162	9259	3912	1623	1092
VK15-35/29/2800-23	110	17301	13824	10525	4446	1845	1242
VK15-35/29/3200-23	126	20064	16032	12206	5157	2139	1440
VK15-35/29/3600-23	141.5	22833	18245	13890	5868	2435	1639
VK15-35/29/4000-23	157.5	25602	20457	15575	6580	2730	1837

Heating outputs according to EN16430 for room air temperature 68°F

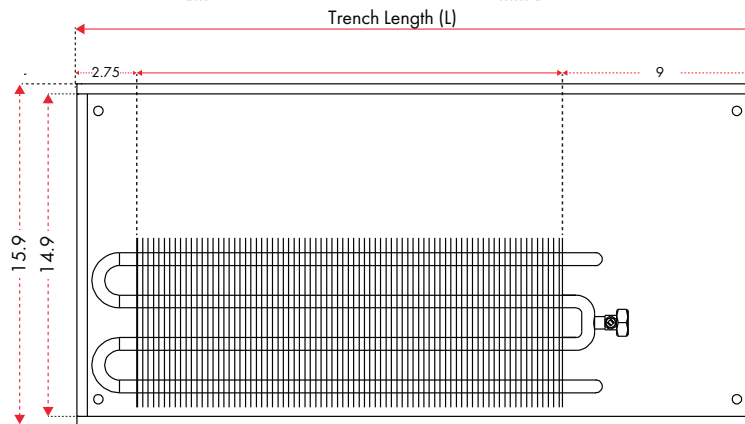
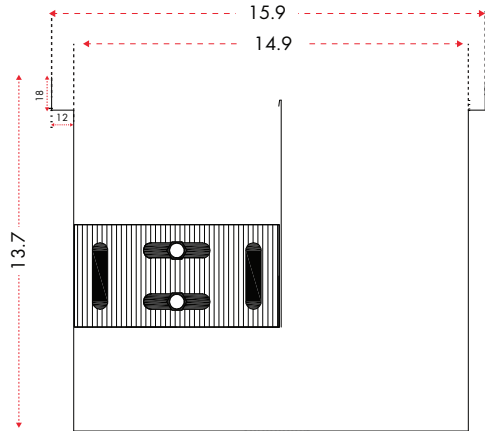
HEIGHT 13.7 INCHES/21.25 INCHES

ORDER CODE: VK15-35/38/L-24(L/P)

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	13.7
TRENCH WIDTH (W)	14.9
GRILLE WIDTH (Wg)	15.9
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-24
CONNECTION SPACE	5.4
FIN TYPE	23

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-35/38/800-24	31.5	4091	3269	2489	1051	436	294
VK15-35/38/1000-24	39.5	5727	4576	3484	1472	611	411
VK15-35/38/1300-24	51	8181	6537	4977	2103	872	587
VK15-35/38/1600-24	63	10636	8499	6470	2733	1134	763
VK15-35/38/1900-24	75	13090	10460	7963	3364	1396	939
VK15-35/38/2200-24	86.5	15545	12421	9456	3995	1658	1116
VK15-35/38/2500-24	98.5	17999	14382	10950	4626	1919	1292
VK15-35/38/2800-24	110	20454	16343	12443	5257	2181	1468
VK15-35/38/3200-24	126	23726	18958	14434	6098	2530	1703
VK15-35/38/3600-24	141.5	26999	21573	16424	6939	2879	1938
VK15-35/38/4000-24	157.5	30271	24188	18415	7780	3228	2173

Heating outputs according to EN16430 for room air temperature 68°F

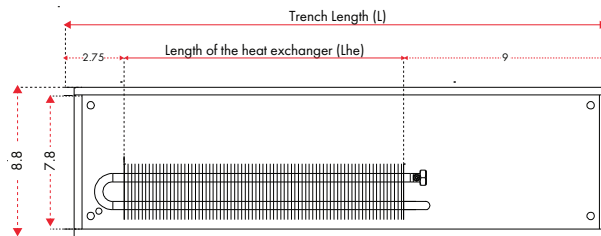
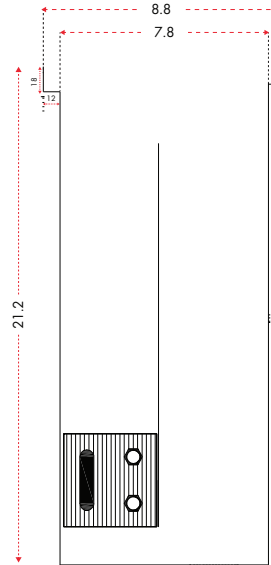
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ORDER CODE: VK15-54/20/L-22 (L/P)

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	21.2
TRENCH WIDTH (W)	7.8
GRILLE WIDTH (Wg)	8.8
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-22
CONNECTION SPACE	6.6
FIN TYPE	22

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-54/20/800-22	31.5	3058	2444	1860	786	326	219
VK15-54/20/1000-22	39.5	4280	3420	2604	1100	456	307
VK15-54/20/1300-22	51	6116	4887	3721	1572	652	439
VK15-54/20/1600-22	63	7952	6354	4837	2044	848	571
VK15-54/20/1900-22	75	9788	781	5954	2516	1044	702
VK15-54/20/2200-22	86.5	11619	9284	7068	2986	1239	834
VK15-54/20/2500-22	98.5	13454	1751	8185	3458	1435	966
VK15-54/20/2800-22	110	15290	12218	9302	3930	1630	1097
VK15-54/20/3200-22	126	17735	14171	10789	4558	1891	1273
VK15-54/20/3600-22	141.5	20184	16128	12279	5187	2152	1449
VK15-54/20/4000-22	157.5	22629	18081	13766	5816	2413	1624

Heating outputs according to EN16430 for room air temperature 68°F

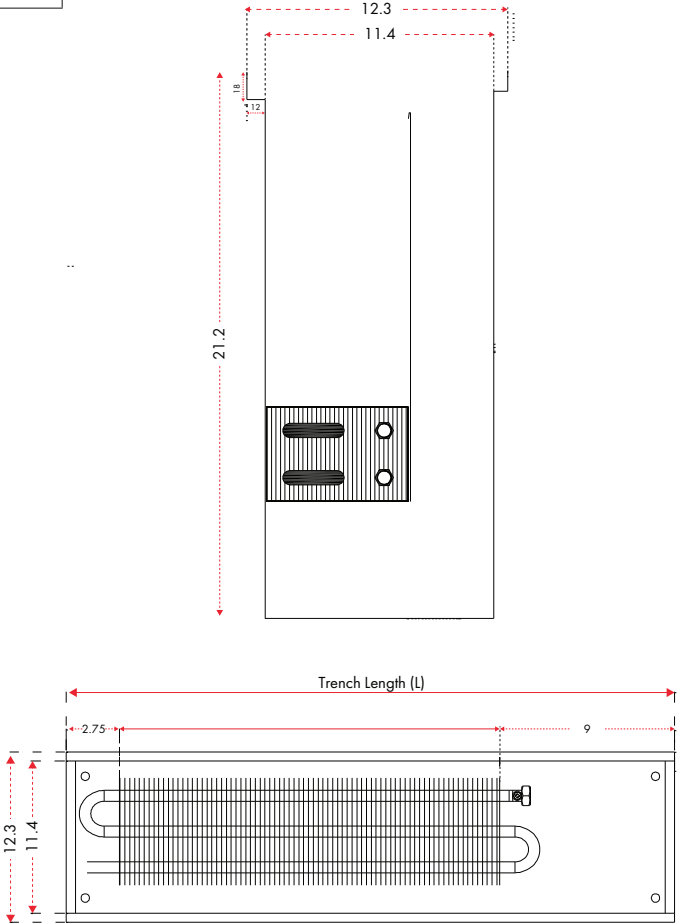
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HEIGHT 21.2 INCHES
ORDER CODE: VK15-54/29/L-23(L/P)

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	21.2
TRENCH WIDTH (W)	11.4
GRILLE WIDTH (Wg)	12.3
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-23
CONNECTION SPACE	6.6
FIN TYPE	23

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-54/29/800-23	31.5	4979	3978	3029	1280	531	357
VK15-54/29/1000-23	39.5	6969	5569	4240	1791	743	500
VK15-54/29/1300-23	51	9957	7956	6057	2559	1062	715
VK15-54/29/1600-23	63	12946	10344	7875	3327	1380	929
VK15-54/29/1900-23	75	15934	12732	9693	4095	1699	1144
VK15-54/29/2200-23	86.5	18917	15116	11508	4862	2017	1358
VK15-54/29/2500-23	98.5	21905	17503	13326	5630	2336	1572
VK15-54/29/2800-23	110	24894	19891	15144	6398	2654	1787
VK15-54/29/3200-23	126	28875	23072	17565	7421	3079	2072
VK15-54/29/3600-23	141.5	32860	26257	19990	8445	3504	2358
VK15-54/29/4000-23	157.5	36841	29438	22412	9468	3928	2644

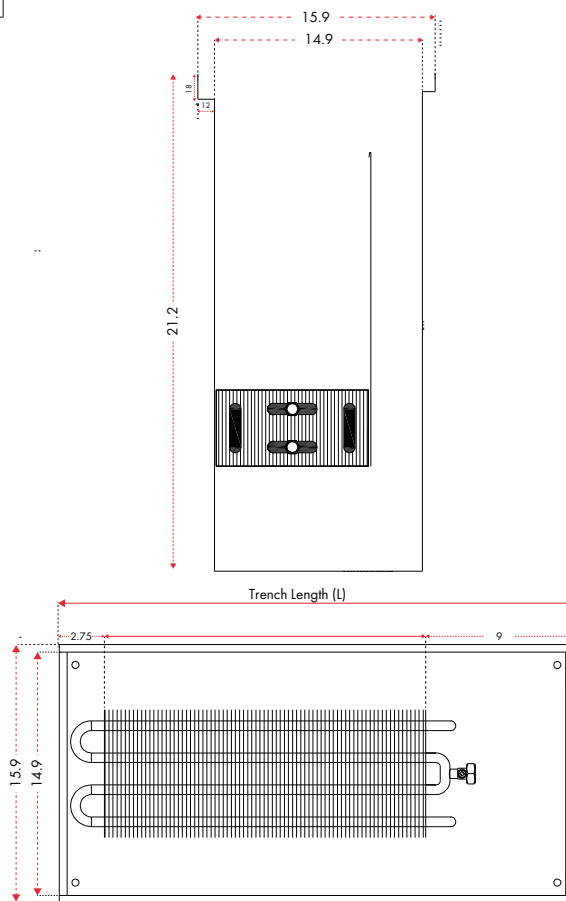
Heating outputs according to EN16430 for room air temperature 68°F

ORDER CODE: VK15-54/38/L-24 (L/P)

DIMENSIONS	UNIT [INCH]
TRENCH HEIGHT	21.2
TRENCH WIDTH (W)	14.9
GRILLE WIDTH (Wg)	15.9
TRENCH LENGTH (L)	31.5 - 157.5
LENGTH OF THE HEAT EXCHANGER	L-24
CONNECTION SPACE	6.6
FIN TYPE	24

CONNECTIONS	TYPE
CONNECTION THREADS	IT 3/4" one-sided
SIDE CONNECTION TO BE CHOSEN	(Standard Right - P optional Left - L)

ACCESSORIES	TYPE
GRILLE H=0.7"	Roll-up/linear/ modular
ALUMINUM FRAME	Type L or F
ADDITIONAL ACCESSORIES	Assembly cover, vibration damping tape, mounting kit for raised floor, adjustable height of grille support casing



DIMENSIONS ARE IN INCHES

MODEL	LENGTH [INCH]	EWT/LWT (°F)					
		200/180	180/160	160/140	120/100	100/80	95/75
		HEATING OUTPUT [BTU/H]					
VK15-54/38/800-24	31.5	6974	5573	2443	1792	744	501
VK15-54/38/1000-24	39.5	9763	7801	5939	2509	1041	701
VK15-54/38/1300-24	51	13943	11141	8482	3584	1487	1001
VK15-54/38/1600-24	63	18129	14486	11029	4659	1933	1301
VK15-54/38/1900-24	75	22309	17826	13572	5734	2379	1601
VK15-54/38/2200-24	86.5	26495	21171	16118	6809	2825	1902
VK15-54/38/2500-24	98.5	30675	24511	18661	7884	3271	2202
VK15-54/38/2800-24	110	34861	27855	21207	8959	3717	2502
VK15-54/38/3200-24	126	40438	32312	24600	10393	4312	2902
VK15-54/38/3600-24	141.5	46016	36768	27993	11826	4907	3303
VK15-54/38/4000-24	157.5	51593	41225	31386	13260	5501	3703

Heating outputs according to EN16430 for room air temperature 68°F

CONTROL DEVICES



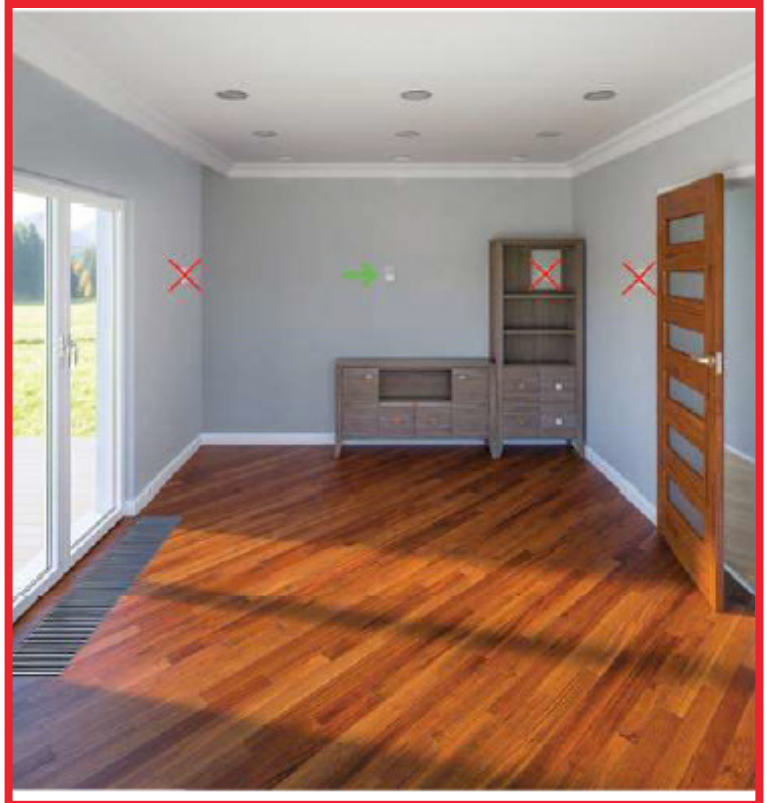
The simplest option for controlling the trench heater is through the use of thermostatic valves, equipped with a supply connector and specially designed wall-mounted heads. These elements are connected with a capillary that runs in a shield pipe. The thermostatic header should be installed within easy reach, approximately 4 to 5 feet above floor level.

Standard thermostatic heads should not be installed in trench heaters because the temperature readouts from the heater tray will result in inappropriate adjustments and result in inefficient room heating.

Sometimes the use of electronic controls proves necessary. The basic option is a temperature controller working together with a thermal actuator and valves. The controller measures the room temperature with its built-in sensor and keeps a pre-set temperature.

The room temperature controller should be located in such a way that temperature measurements are as accurate as possible. Its location should be protected from direct sunlight or other direct sources of heat or cold. The controller should be installed approximately 5 feet above floor level.

The use of a wireless system allows for overall simplification. The system is based on the same principles as standard electricity regulation and an actuator is installed on the thermostatic valve in the form of a wireless head that connects to the controller. A single controller can work with numerous wireless heads simultaneously. In order to improve the precision of their control, we recommend using a separate regulator for each of the heating zones. The wireless system can be upgraded with Internet connectivity options enabling it to be controlled via PC or smart phone app. The use of programmable controllers allows for the precise operation adjustments to an individual's needs, resulting in visible reduction of heating expenses. Operation of trench heaters without fans can also be controlled at the level of central heater splitters.



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CONTROL DEVICES FOR VERANO TRENCH HEATERS WITH NATURAL CONVECTION VK15

NAME	DESCRIPTION	
Straight thermostatic valve type Siemens VDN 215	Valve diameter 15 DN	
Angular thermostatic valve type Siemens VEN 215	Valve diameter 15 DN	
Straight return valve type Siemens ADN 15	Valve diameter 15 DN	
Angular return valve type Siemens AEN 15	Valve diameter 15 DN	
Straight thermostatic valve type Schlösser 601200004	Valve diameter 15 DN	
Angular thermostatic valve type Schlösser 601200005	Valve diameter 15 DN	
Straight return valve type Schlösser 601300004	Valve diameter 15 DN	
Angular return valve type Schlösser 601300002	Valve diameter 15 DN	
Thermostatic valve with remote control setpoint type Siemens RTN 81	Remote setting element with 6.6ft long capilar	
Thermal servo-motor type Siemens STA 23 or STA 23/00	Supply voltage 230 V AC, STA23 with 1 m connection cable, 2-position control, STA23/00 need a separate cable ASY23L	
Cable – type Siemens ASY23L	Connecting cable to STA 23/00 length 6.6, 9 .8, 16.4ft, 2-position control	
Room temperature controller type Siemens RDD 100	Operating modes: Comfort, Economy, Protection. 2-position control ON/OFF for heating. Power Supply 230 V AC (RDD100) or battery 3 V DC (RDD100.1)	
Room temperature controller type Siemens RDE 100	The control mode 0 ... 10V or ON / OFF (valve 24V). Ability to work in heating or cooling mode. Operating modes: comfort, economical and security.	
Room thermostat type Siemens RAA21	Digital input thermostat (on/off) with changeover contact for automatic room temperature control and other applications in heating and air conditioning systems; Designed for use in small and medium-sized installations.	

CONTROL DEVICES FOR VERANO TRENCH HEATERS WITH NATURAL CONVECTION VK15

NAME	DESCRIPTION	
Room temperature controller RF10B	Wireless digital temperature controller 4-in-1, white, flush-mounted 120V	
Room temperature controller RF10C	Wireless digital temperature controller 4-in-1, black, flush-mounted 120V	
Room temperature controller RF20B	Wireless digital temperature controller 4-in-1, white, wall-mounted 120V	
Room temperature controller RF20C	Wireless digital temperature controller 4-in-1, black, wall-mounted 120V	
Central strip L08	Wireless central strip to control 8 heating zones	
L04 module	Expansion Module for wireless central strip L08, 4 zones	
Thermostatic head GM10	Wireless thermostatic head M30x1,5, MINI version	
Network Repeater RE 10	ZigBee Repeater Network	
Network Coordinator C010	ZigBee Network Coordinator	
B30 Internet Gateway	Internet Gateway	

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VERANO[®]

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