























PRODUCTLINE 2018

TECHNO60.RU

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COMPANY

MANUFACTURE

We have been manufacturing the Techno® convectors for more than 10 years. We have 250 employees, 3 production lines on 10.000 sq.m. of production area, three types of piping geometry: Ø 9,52-12-16 mm.



CAPABILITIES

We are not dependent on suppliers and subcontractors, we guarantee fair price and quality at every stage of production, we carry out orders of any volume and complexity, we work with designer's projects and we keep within deadlines.

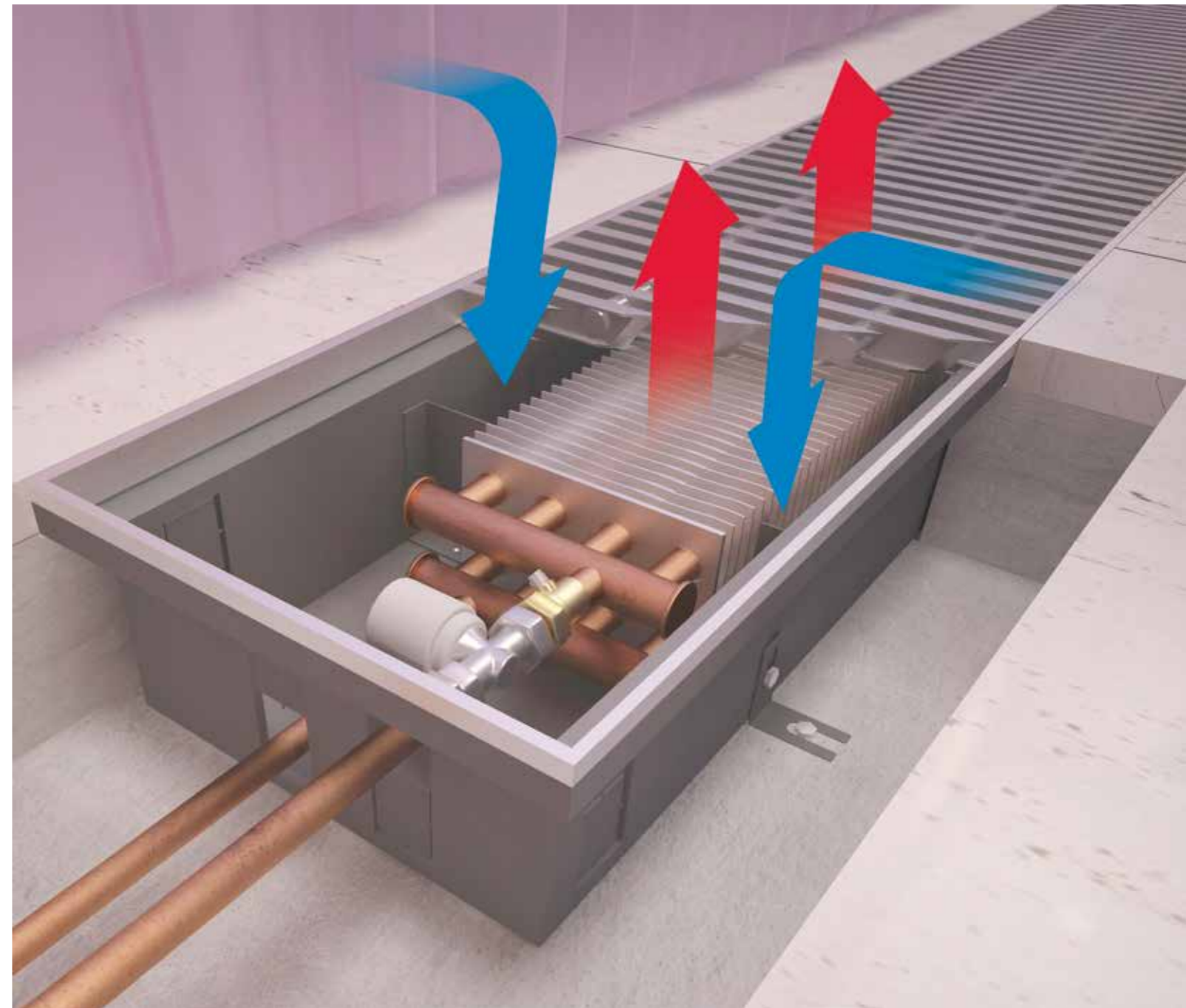


QUALITY STANDARD

All our products are made from high-quality materials with a long service lifetime. This is why we confidently give a 15-year warranty on our products. Techno® convectors pass 100% quality control, have all required certificates and recommendations.

CONVECTORS

BUILT-IN



APPLICATION

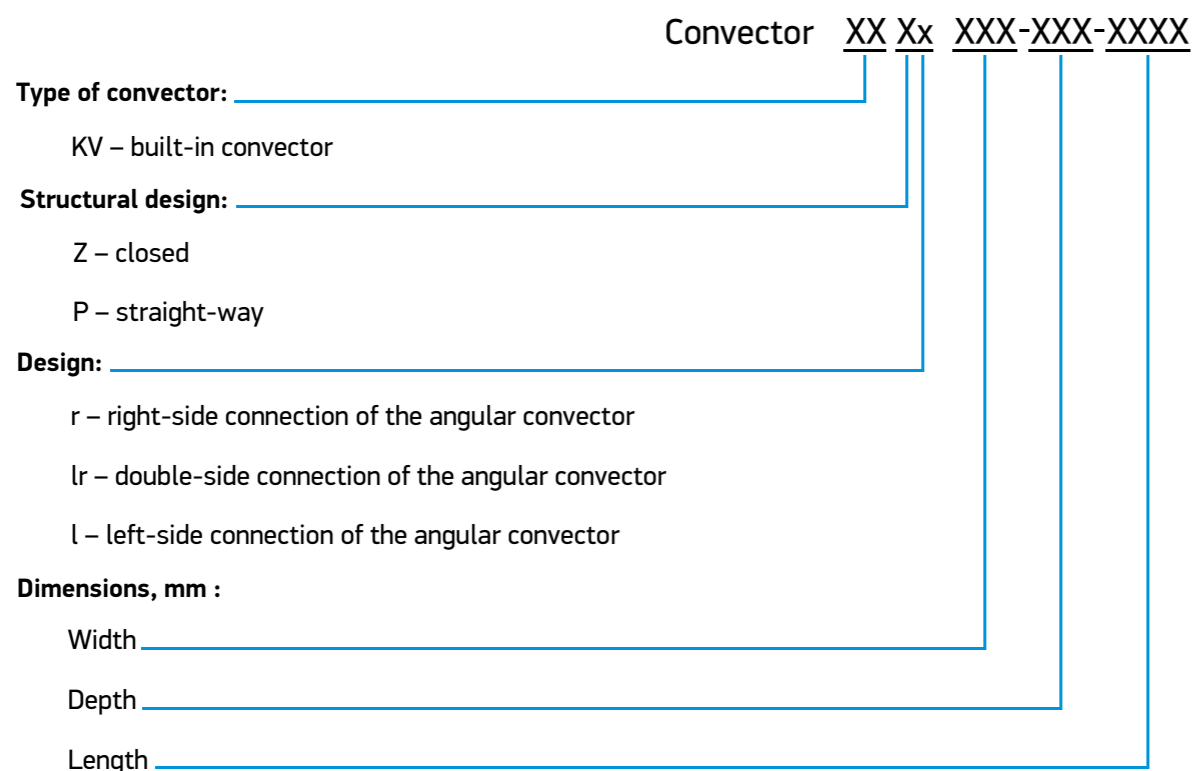
Techno Power built-in convectors — natural convection heaters of KVZ / KVP series, can be connected to both centralized and autonomous water heating systems, ready for installation. **Techno Power** convector successfully combines high power of natural convection, low cost per watt and reduced case height. It will be perfect for rooms with specific requirements for heating capacity and small size. **Techno Power** low convectors can be easily built into a shallow floor or window sill.

OPERATING PARAMETERS

Techno Power convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.

TECHO POWER CONVECTORS' CONVENTIONAL IDENTIFICATION SCHEME:



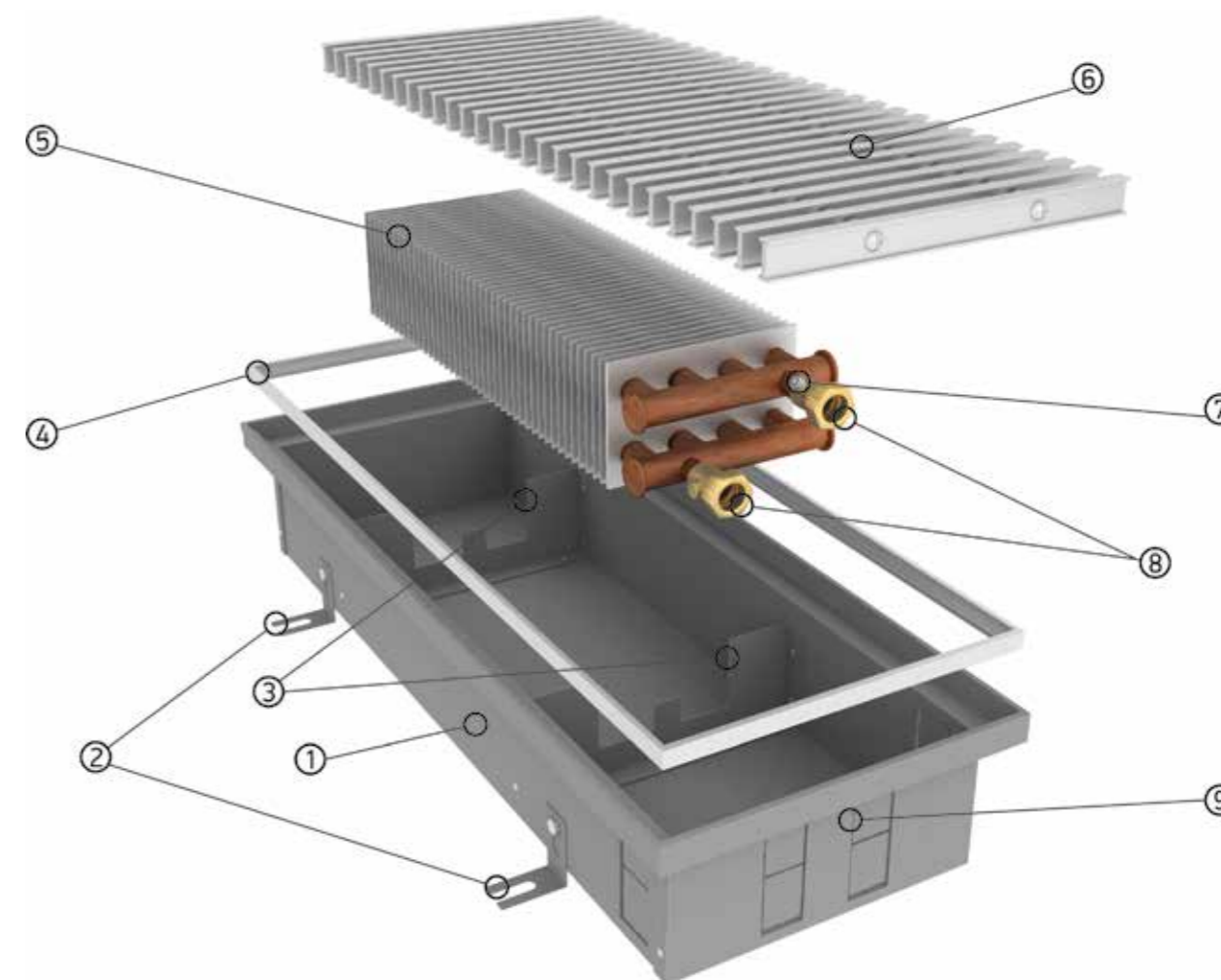
FEATURES:

- + To prevent corrosion, all parts of the convector housing are made of high-quality 1.2 mm thick galvanized steel sheets with wear-resistant powder coating.
- + The heat exchanger tube is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2" has an airblow valve.
- + Stiffening ribs prevent the convector housing from deformation.

BASIC SET:

- + Quick-detachable heat exchanger with G1/2" internal thread connection.
- + Housing made of galvanized steel with wear-resistant matte black powder coating.
- + Decorative aluminium frame, matching the grille color.
- + Set of fastening-adjustable feet.
- + Roll-up or longitudinal grille made of anodized (or dyed according to RAL) aluminium or wood.
- + Certificate, installation and user manual.

CONVECTOR DESIGN



1. Convector's housing.
2. Adjustable feet for clamping to floor.
3. Stiffening ribs.
4. Decorative frame.
5. Heat exchanger.
6. Roll-up grille
7. Blow valve.
8. Connection point.
9. Ports for piping connection from either side.

HEAT PRODUCING CAPABILITY

Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70	Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70	Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70
KVZ 150-65-600	135	KVZ 150-85-600	165	KVZ 150-105-600	192
KVZ 150-65-700	173	KVZ 150-85-700	211	KVZ 150-105-700	245
KVZ 150-65-800	210	KVZ 150-85-800	256	KVZ 150-105-800	299
KVZ 150-65-900	248	KVZ 150-85-900	302	KVZ 150-105-900	352
KVZ 150-65-1000	286	KVZ 150-85-1000	348	KVZ 150-105-1000	405
KVZ 150-65-1100	323	KVZ 150-85-1100	394	KVZ 150-105-1100	459
KVZ 150-65-1200	361	KVZ 150-85-1200	440	KVZ 150-105-1200	512
KVZ 150-65-1300	398	KVZ 150-85-1300	486	KVZ 150-105-1300	566
KVZ 150-65-1400	436	KVZ 150-85-1400	531	KVZ 150-105-1400	619
KVZ 150-65-1500	474	KVZ 150-85-1500	577	KVZ 150-105-1500	672
KVZ 150-65-1600	511	KVZ 150-85-1600	623	KVZ 150-105-1600	726
KVZ 150-65-1700	549	KVZ 150-85-1700	669	KVZ 150-105-1700	779
KVZ 150-65-1800	587	KVZ 150-85-1800	715	KVZ 150-105-1800	832
KVZ 150-65-1900	624	KVZ 150-85-1900	761	KVZ 150-105-1900	886
KVZ 150-65-2000	662	KVZ 150-85-2000	806	KVZ 150-105-2000	939
KVZ 150-65-2100	699	KVZ 150-85-2100	852	KVZ 150-105-2100	993
KVZ 150-65-2200	737	KVZ 150-85-2200	898	KVZ 150-105-2200	1046
KVZ 150-65-2300	775	KVZ 150-85-2300	944	KVZ 150-105-2300	1099
KVZ 150-65-2400	812	KVZ 150-85-2400	990	KVZ 150-105-2400	1153
KVZ 150-65-2500	850	KVZ 150-85-2500	1036	KVZ 150-105-2500	1206
KVZ 150-65-2600	887	KVZ 150-85-2600	1081	KVZ 150-105-2600	1260
KVZ 150-65-2700	925	KVZ 150-85-2700	1127	KVZ 150-105-2700	1313
KVZ 150-65-2800	963	KVZ 150-85-2800	1173	KVZ 150-105-2800	1366
KVZ 150-65-2900	1000	KVZ 150-85-2900	1219	KVZ 150-105-2900	1420
KVZ 150-65-3000	1038	KVZ 150-85-3000	1265	KVZ 150-105-3000	1473
KVZ 150-65-3100	1075	KVZ 150-85-3100	1311	KVZ 150-105-3100	1526
KVZ 150-65-3200	1113	KVZ 150-85-3200	1356	KVZ 150-105-3200	1580
KVZ 150-65-3300	1151	KVZ 150-85-3300	1402	KVZ 150-105-3300	1633
KVZ 150-65-3400	1188	KVZ 150-85-3400	1448	KVZ 150-105-3400	1687
KVZ 150-65-3500	1226	KVZ 150-85-3500	1494	KVZ 150-105-3500	1740
KVZ 150-65-3600	1264	KVZ 150-85-3600	1540	KVZ 150-105-3600	1793
KVZ 150-65-3700	1301	KVZ 150-85-3700	1586	KVZ 150-105-3700	1847
KVZ 150-65-3800	1339	KVZ 150-85-3800	1631	KVZ 150-105-3800	1900
KVZ 150-65-3900	1376	KVZ 150-85-3900	1677	KVZ 150-105-3900	1954
KVZ 150-65-4000	1414	KVZ 150-85-4000	1723	KVZ 150-105-4000	2007
KVZ 150-65-4100	1452	KVZ 150-85-4100	1769	KVZ 150-105-4100	2060
KVZ 150-65-4200	1489	KVZ 150-85-4200	1815	KVZ 150-105-4200	2114
KVZ 150-65-4300	1527	KVZ 150-85-4300	1861	KVZ 150-105-4300	2167
KVZ 150-65-4400	1564	KVZ 150-85-4400	1907	KVZ 150-105-4400	2221
KVZ 150-65-4500	1602	KVZ 150-85-4500	1952	KVZ 150-105-4500	2274
KVZ 150-65-4600	1640	KVZ 150-85-4600	1998	KVZ 150-105-4600	2327
KVZ 150-65-4700	1677	KVZ 150-85-4700	2044	KVZ 150-105-4700	2381
KVZ 150-65-4800	1715	KVZ 150-85-4800	2090	KVZ 150-105-4800	2434

NOTE

The heat-exchanger can be dyed the same color as the convector's housing upon request.

HEAT PRODUCING CAPABILITY

Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70	Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70	Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70
KVZ 300-65-600	278	KVZ 300-85-600	280	KVZ 300-105-600	425
KVZ 300-65-700	342	KVZ 300-85-700	356	KVZ 300-105-700	543
KVZ 300-65-800	416	KVZ 300-85-800	434	KVZ 300-105-800	661
KVZ 300-65-900	491	KVZ 300-85-900	511	KVZ 300-105-900	780
KVZ 300-65-1000	565	KVZ 300-85-1000	589	KVZ 300-105-1000	898
KVZ 300-65-1100	640	KVZ 300-85-1100	666	KVZ 300-105-1100	1016
KVZ 300-65-1200	714	KVZ 300-85-1200	744	KVZ 300-105-1200	1134
KVZ 300-65-1300	789	KVZ 300-85-1300	822	KVZ 300-105-1300	1253
KVZ 300-65-1400	863	KVZ 300-85-1400	899	KVZ 300-105-1400	1371
KVZ 300-65-1500	938	KVZ 300-85-1500	977	KVZ 300-105-1500	1489
KVZ 300-65-1600	1012	KVZ 300-85-1600	1054	KVZ 300-105-1600	1607
KVZ 300-65-1700	1087	KVZ 300-85-1700	1132	KVZ 300-105-1700	1726
KVZ 300-65-1800	1161	KVZ 300-85-1800	1209	KVZ 300-105-1800	1844
KVZ 300-65-1900	1235	KVZ 300-85-1900	1287	KVZ 300-105-1900	1962
KVZ 300-65-2000	1310	KVZ 300-85-2000	1364	KVZ 300-105-2000	2080
KVZ 300-65-2100	1384	KVZ 300-85-2100	1442	KVZ 300-105-2100	2198
KVZ 300-65-2200	1459	KVZ 300-85-2200	1520	KVZ 300-105-2200	2317
KVZ 300-65-2300	1533	KVZ 300-85-2300	1597	KVZ 300-105-2300	2435
KVZ 300-65-2400	1608	KVZ 300-85-2400	1675	KVZ 300-105-2400	2553
KVZ 300-65-2500	1682	KVZ 300-85-2500	1752	KVZ 300-105-2500	2671
KVZ 300-65-2600	1757	KVZ 300-85-2600	1830	KVZ 300-105-2600	2790
KVZ 300-65-2700	1831	KVZ 300-85-2700	1907	KVZ 300-105-2700	2908
KVZ 300-65-2800	1905	KVZ 300-85-2800	1985	KVZ 300-105-2800	3026
KVZ 300-65-2900	1980	KVZ 300-85-2900	2062	KVZ 300-105-2900	3144
KVZ 300-65-3000	2054	KVZ 300-85-3000	2140	KVZ 300-105-3000	3263
KVZ 300-65-3100	2129	KVZ 300-85-3100	2218	KVZ 300-105-3100	3381
KVZ 300-65-3200	2203	KVZ 300-85-3200	2295	KVZ 300-105-3200	3499
KVZ 300-65-3300	2278	KVZ 300-85-3300	2373	KVZ 300-105-3300	3617
KVZ 300-65-3400	2352	KVZ 300-85-3400	2450	KVZ 300-105-3400	3736
KVZ 300-65-3500	2427	KVZ 300-85-3500	2528	KVZ 300-105-3500	3854
KVZ 300-65-3600	2501	KVZ 300-85-3600	2605	KVZ 300-105-3600	3972
KVZ 300-65-3700	2576	KVZ 300-85-3700	2683	KVZ 300-105-3700	4090
KVZ 300-65-3800	2650	KVZ 300-85-3800	2760	KVZ 300-105-3800	4209
KVZ 300-65-3900	2724	KVZ 300-85-3900	2838	KVZ 300-105-3900	4327
KVZ 300-65-4000	2799	KVZ 300-85-4000	2915	KVZ 300-105-4000	4445
KVZ 300-65-4100	2873	KVZ 300-85-4100	2993	KVZ 300-105-4100	4563
KVZ 300-65-4200	2948	KVZ 300-85-4200	3071	KVZ 300-105-4200	4682
KVZ 300-65-4300	3022	KVZ 300-85-4300	3148	KVZ 300-105-4300	4800
KVZ 300-65-4400	3097	KVZ 300-85-4400	3226	KVZ 300-105-4400	4918
KVZ 300-65-4500	3171	KVZ 300-85-4500	3303	KVZ 300-105-4500	5036
KVZ 300-65-4600	3246	KVZ 300-85-4600	3381	KVZ 300-105-4600	5154
KVZ 300-65-4700	3320	KVZ 300-85-4700	3458	KVZ 300-105-4700	5273
KVZ 300-65-4800	3394	KVZ 300-85-4800	3536	KVZ 300-105-4800	5391

NOTE

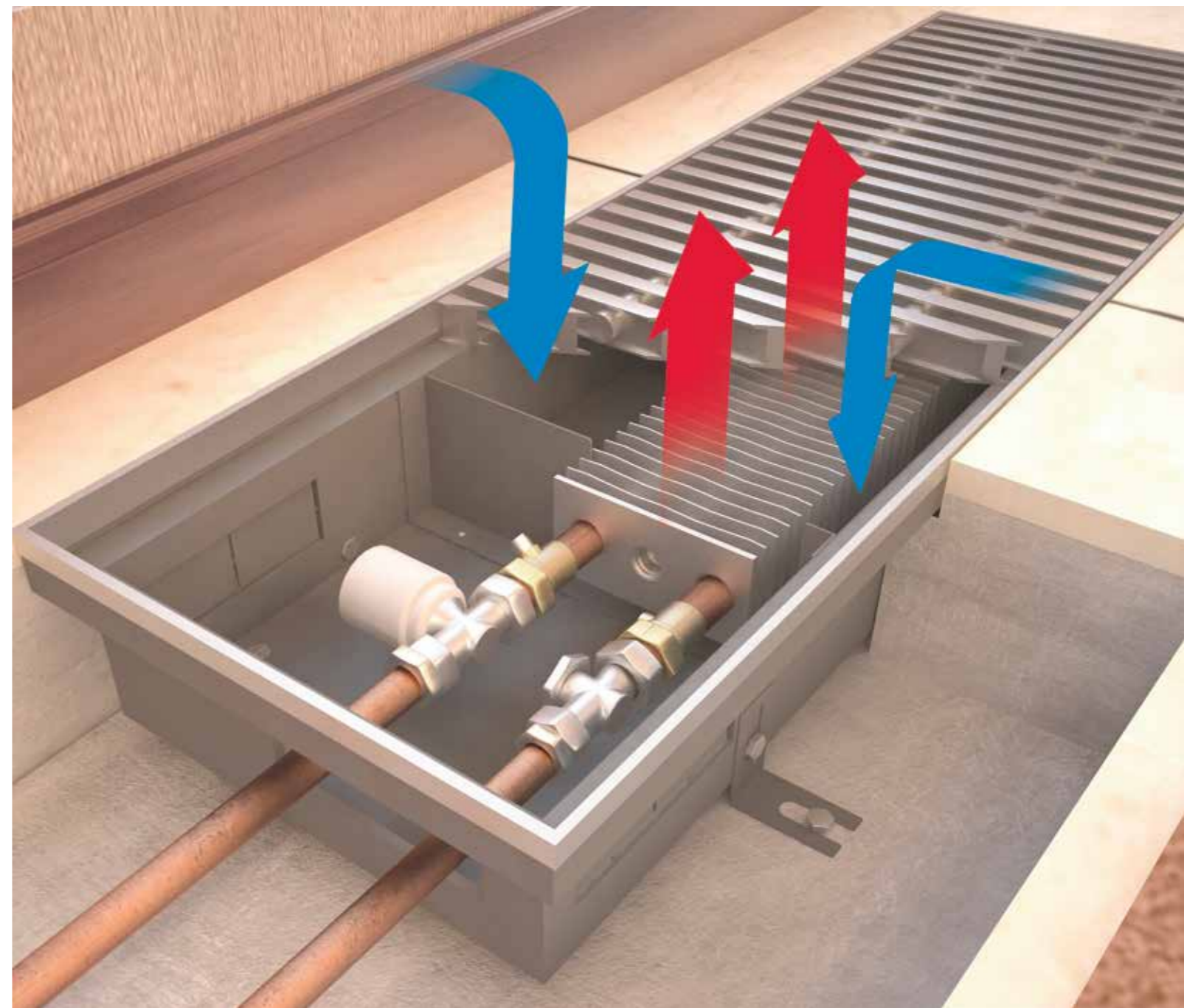
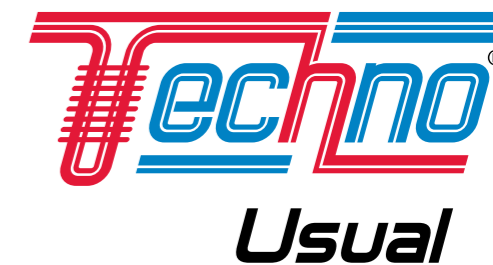
The heat-exchanger can be dyed the same color as the convector's housing upon request.

HEAT PRODUCING CAPABILITY

Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70	Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70
KVZ 370-105-600	762	KVZ 370-105-2800	3693
KVZ 370-105-700	912	KVZ 370-105-2900	3824
KVZ 370-105-800	1062	KVZ 370-105-3000	3954
KVZ 370-105-900	1202	KVZ 370-105-3100	4085
KVZ 370-105-1000	1342	KVZ 370-105-3200	4216
KVZ 370-105-1100	1472	KVZ 370-105-3300	4346
KVZ 370-105-1200	1603	KVZ 370-105-3400	4477
KVZ 370-105-1300	1734	KVZ 370-105-3500	4608
KVZ 370-105-1400	1864	KVZ 370-105-3600	4738
KVZ 370-105-1500	1995	KVZ 370-105-3700	4869
KVZ 370-105-1600	2126	KVZ 370-105-3800	4999
KVZ 370-105-1700	2256	KVZ 370-105-3900	5130
KVZ 370-105-1800	2387	KVZ 370-105-4000	5261
KVZ 370-105-1900	2517	KVZ 370-105-4100	5391
KVZ 370-105-2000	2648	KVZ 370-105-4200	5522
KVZ 370-105-2100	2779	KVZ 370-105-4300	5653
KVZ 370-105-2200	2909	KVZ 370-105-4400	5783
KVZ 370-105-2300	3040	KVZ 370-105-4500	5914
KVZ 370-105-2400	3171	KVZ 370-105-4600	6044
KVZ 370-105-2500	3301	KVZ 370-105-4700	6175
KVZ 370-105-2600	3432	KVZ 370-105-4800	6306
KVZ 370-105-2700	3562		

NOTE
The heat-exchanger can be dyed the same color as the convector's housing upon request.

CONVECTORS
BUILT-IN



APPLICATION

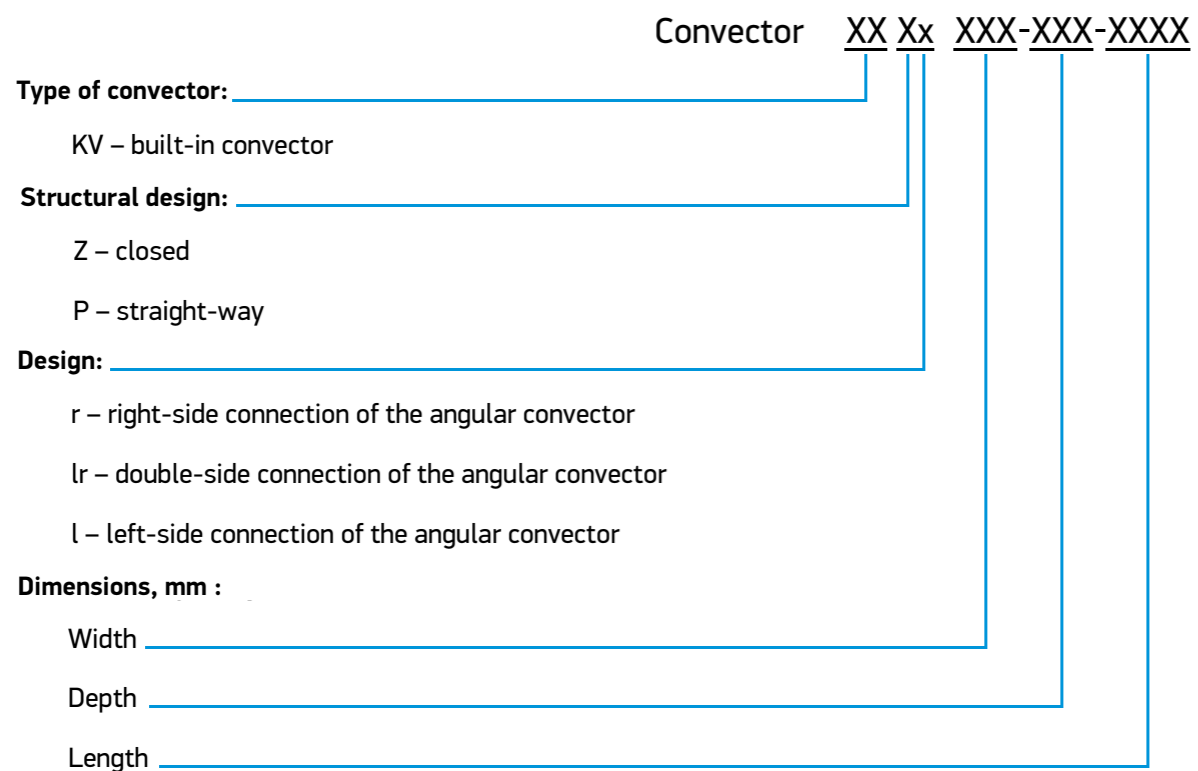
Techno Usual built-in convectors with natural convection, series KVZ, KVP are delivered ready for installation onto either centralized or autonomous water-heating systems. **Techno Usual** convectors can be supplied with dismountable cross fans easy to install even after interior finishing. Usually installed along the glazing, **Techno Usual** low height convectors can be installed in a shallow floor or window sill.

OPERATING PARAMETERS

Techno Usual convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.

TECHO USUAL CONVECTORS' CONVENTIONAL IDENTIFICATION SCHEME:



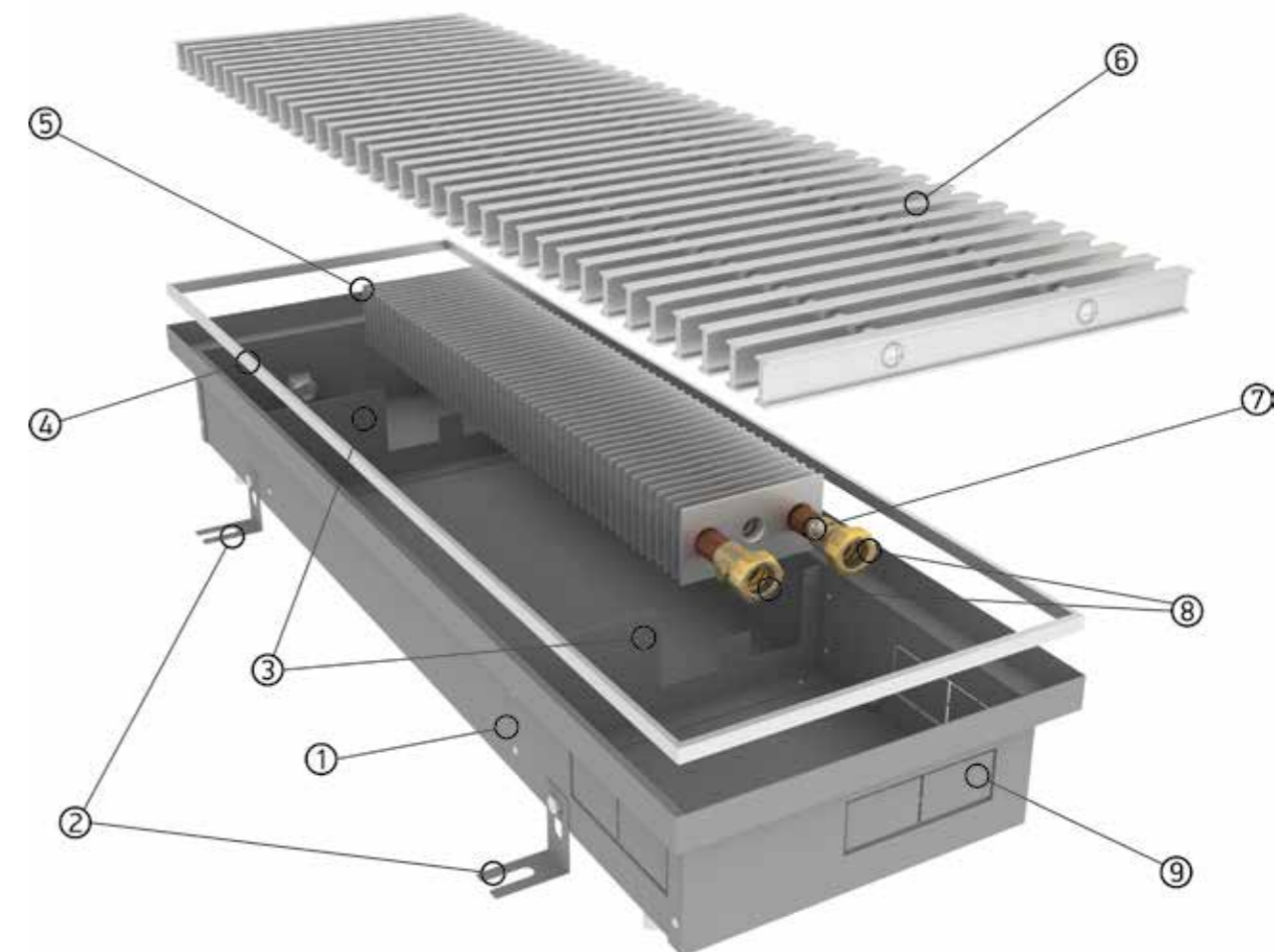
FEATURES:

- + To prevent corrosion, all parts of the convector housing are made of high-quality 1.2 mm thick galvanized steel sheets with wear-resistant powder coating.
- + The heat exchanger tube is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2" has an air blow valve.
- + Stiffening ribs prevent the convector housing from deformation.

BASIC SET:

- + Quick-detachable heat exchanger with G1/2" internal thread connection.
- + Housing made of galvanized steel with wear-resistant matte black powder coating.
- + Decorative aluminium frame, matching the grille color.
- + Set of fastening-adjustable feet.
- + Roll-up or longitudinal grille made of anodized (or dyed according to RAL) aluminium or wood.
- + Certificate, installation and user manual

CONVECTOR DESIGN



1. Convector's housing.
2. Adjustable feet for clamping to floor.
3. Stiffening ribs.
4. Decorative frame.
5. Heat exchanger.
6. Roll-up grille
7. Blow valve.
8. Connection point.
9. Ports for piping connection from either side.

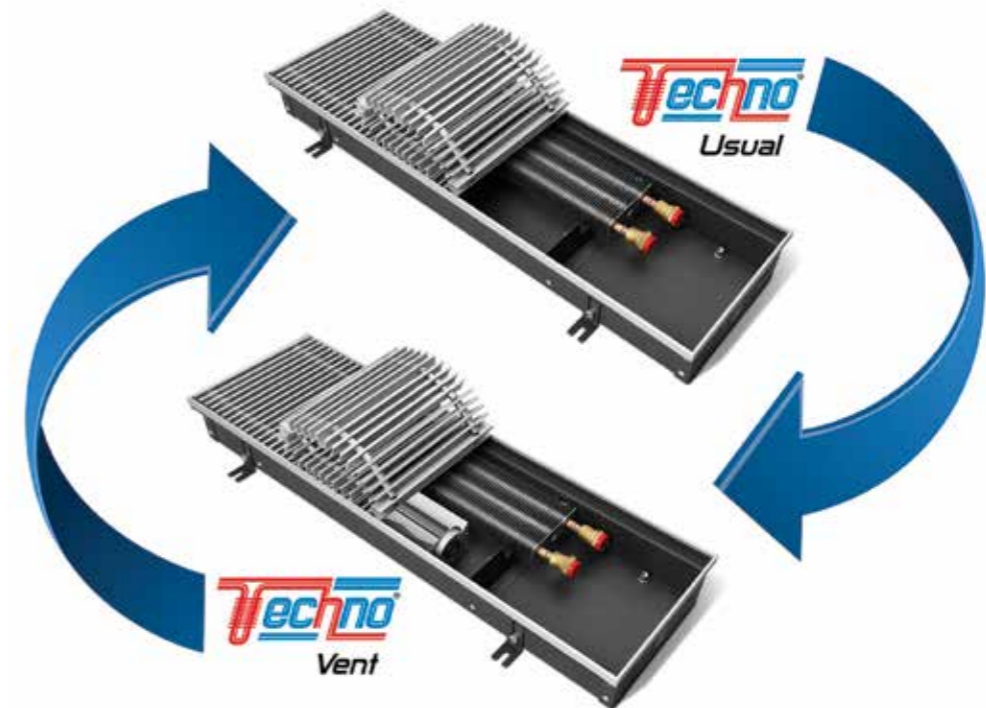
HEAT PRODUCING CAPABILITY

Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70	Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70	Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70	Width Depth Length (mm)	Capacity, W (95/85°C) ΔT=70
KVZ 200-140-600	206	KVZ 250-140-600	247	KVZ 350-140-600	430	KVZ 420-140-600	495
KVZ 200-140-700	275	KVZ 250-140-700	330	KVZ 350-140-700	557	KVZ 420-140-700	641
KVZ 200-140-800	344	KVZ 250-140-800	412	KVZ 350-140-800	694	KVZ 420-140-800	798
KVZ 200-140-900	414	KVZ 250-140-900	495	KVZ 350-140-900	821	KVZ 420-140-900	944
KVZ 200-140-1000	483	KVZ 250-140-1000	578	KVZ 350-140-1000	948	KVZ 420-140-1000	1090
KVZ 200-140-1100	552	KVZ 250-140-1100	661	KVZ 350-140-1100	1085	KVZ 420-140-1100	1248
KVZ 200-140-1200	621	KVZ 250-140-1200	744	KVZ 350-140-1200	1212	KVZ 420-140-1200	1394
KVZ 200-140-1300	691	KVZ 250-140-1300	827	KVZ 350-140-1300	1339	KVZ 420-140-1300	1540
KVZ 200-140-1400	760	KVZ 250-140-1400	908	KVZ 350-140-1400	1476	KVZ 420-140-1400	1697
KVZ 200-140-1500	829	KVZ 250-140-1500	991	KVZ 350-140-1500	1603	KVZ 420-140-1500	1843
KVZ 200-140-1600	899	KVZ 250-140-1600	1073	KVZ 350-140-1600	1730	KVZ 420-140-1600	1989
KVZ 200-140-1700	968	KVZ 250-140-1700	1156	KVZ 350-140-1700	1867	KVZ 420-140-1700	2147
KVZ 200-140-1800	1037	KVZ 250-140-1800	1239	KVZ 350-140-1800	1994	KVZ 420-140-1800	2293
KVZ 200-140-1900	1107	KVZ 250-140-1900	1322	KVZ 350-140-1900	2121	KVZ 420-140-1900	2439
KVZ 200-140-2000	1176	KVZ 250-140-2000	1405	KVZ 350-140-2000	2258	KVZ 420-140-2000	2596
KVZ 200-140-2100	1245	KVZ 250-140-2100	1486	KVZ 350-140-2100	2385	KVZ 420-140-2100	2743
KVZ 200-140-2200	1314	KVZ 250-140-2200	1569	KVZ 350-140-2200	2512	KVZ 420-140-2200	2889
KVZ 200-140-2300	1384	KVZ 250-140-2300	1652	KVZ 350-140-2300	2649	KVZ 420-140-2300	3046
KVZ 200-140-2400	1453	KVZ 250-140-2400	1734	KVZ 350-140-2400	2776	KVZ 420-140-2400	3192
KVZ 200-140-2500	1522	KVZ 250-140-2500	1817	KVZ 350-140-2500	2903	KVZ 420-140-2500	3338
KVZ 200-140-2600	1592	KVZ 250-140-2600	1900	KVZ 350-140-2600	3037	KVZ 420-140-2600	3492
KVZ 200-140-2700	1661	KVZ 250-140-2700	1983	KVZ 350-140-2700	3164	KVZ 420-140-2700	3638
KVZ 200-140-2800	1730	KVZ 250-140-2800	2064	KVZ 350-140-2800	3291	KVZ 420-140-2800	3784
KVZ 200-140-2900	1799	KVZ 250-140-2900	2147	KVZ 350-140-2900	3428	KVZ 420-140-2900	3942
KVZ 200-140-3000	1869	KVZ 250-140-3000	2230	KVZ 350-140-3000	3554	KVZ 420-140-3000	4088
KVZ 200-140-3100	1938	KVZ 250-140-3100	2313	KVZ 350-140-3100	3681	KVZ 420-140-3100	4234
KVZ 200-140-3200	2007	KVZ 250-140-3200	2395	KVZ 350-140-3200	3808	KVZ 420-140-3200	4380
KVZ 200-140-3300	2077	KVZ 250-140-3300	2478	KVZ 350-140-3300	3935	KVZ 420-140-3300	4526
KVZ 200-140-3400	2146	KVZ 250-140-3400	2561	KVZ 350-140-3400	4062	KVZ 420-140-3400	4672
KVZ 200-140-3500	2215	KVZ 250-140-3500	2642	KVZ 350-140-3500	4189	KVZ 420-140-3500	4818
KVZ 200-140-3600	2285	KVZ 250-140-3600	2725	KVZ 350-140-3600	4316	KVZ 420-140-3600	4964
KVZ 200-140-3700	2354	KVZ 250-140-3700	2808	KVZ 350-140-3700	4443	KVZ 420-140-3700	5110
KVZ 200-140-3800	2423	KVZ 250-140-3800	2891	KVZ 350-140-3800	4570	KVZ 420-140-3800	5256
KVZ 200-140-3900	2492	KVZ 250-140-3900	2974	KVZ 350-140-3900	4697	KVZ 420-140-3900	5402
KVZ 200-140-4000	2562	KVZ 250-140-4000	3056	KVZ 350-140-4000	4824	KVZ 420-140-4000	5547
KVZ 200-140-4100	2631	KVZ 250-140-4100	3139	KVZ 350-140-4100	4775	KVZ 420-140-4100	5491
KVZ 200-140-4200	2700	KVZ 250-140-4200	3220	KVZ 350-140-4200	4903	KVZ 420-140-4200	5638
KVZ 200-140-4300	2770	KVZ 250-140-4300	3303	KVZ 350-140-4300	5030	KVZ 420-140-4300	5785
KVZ 200-140-4400	2839	KVZ 250-140-4400	3386	KVZ 350-140-4400	5168	KVZ 420-140-4400	5943
KVZ 200-140-4500	2908	KVZ 250-140-4500	3469	KVZ 350-140-4500	5305	KVZ 420-140-4500	6101
KVZ 200-140-4600	2977	KVZ 250-140-4600	3552	KVZ 350-140-4600	5433	KVZ 420-140-4600	6248
KVZ 200-140-4700	3047	KVZ 250-140-4700	3635	KVZ 350-140-4700	5561	KVZ 420-140-4700	6395
KVZ 200-140-4800	3116	KVZ 250-140-4800	3717	KVZ 350-140-4800	5689	KVZ 420-140-4800	6542

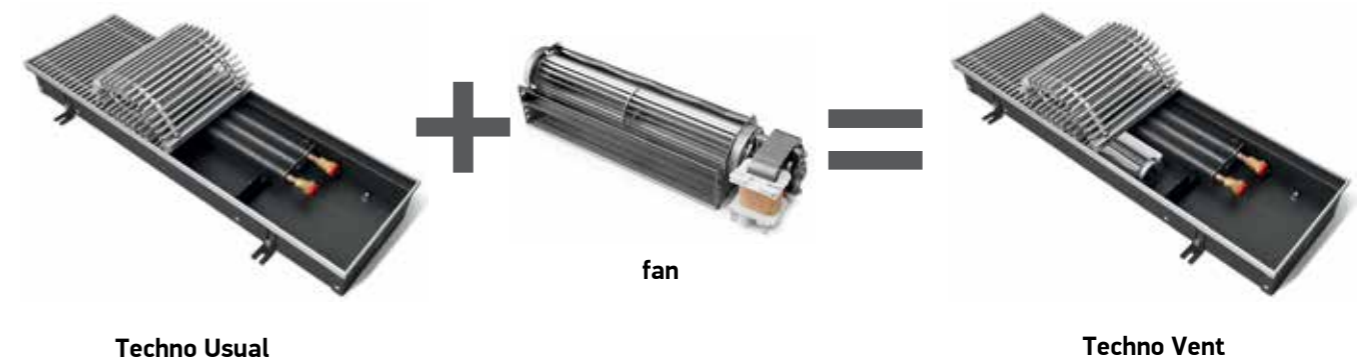
NOTE

The heat-exchanger can be dyed the same color as the convector's housing upon request.

COMPLEMENTARY CONVECTORS SERIES TECHNO USUAL AND TECHNO VENT

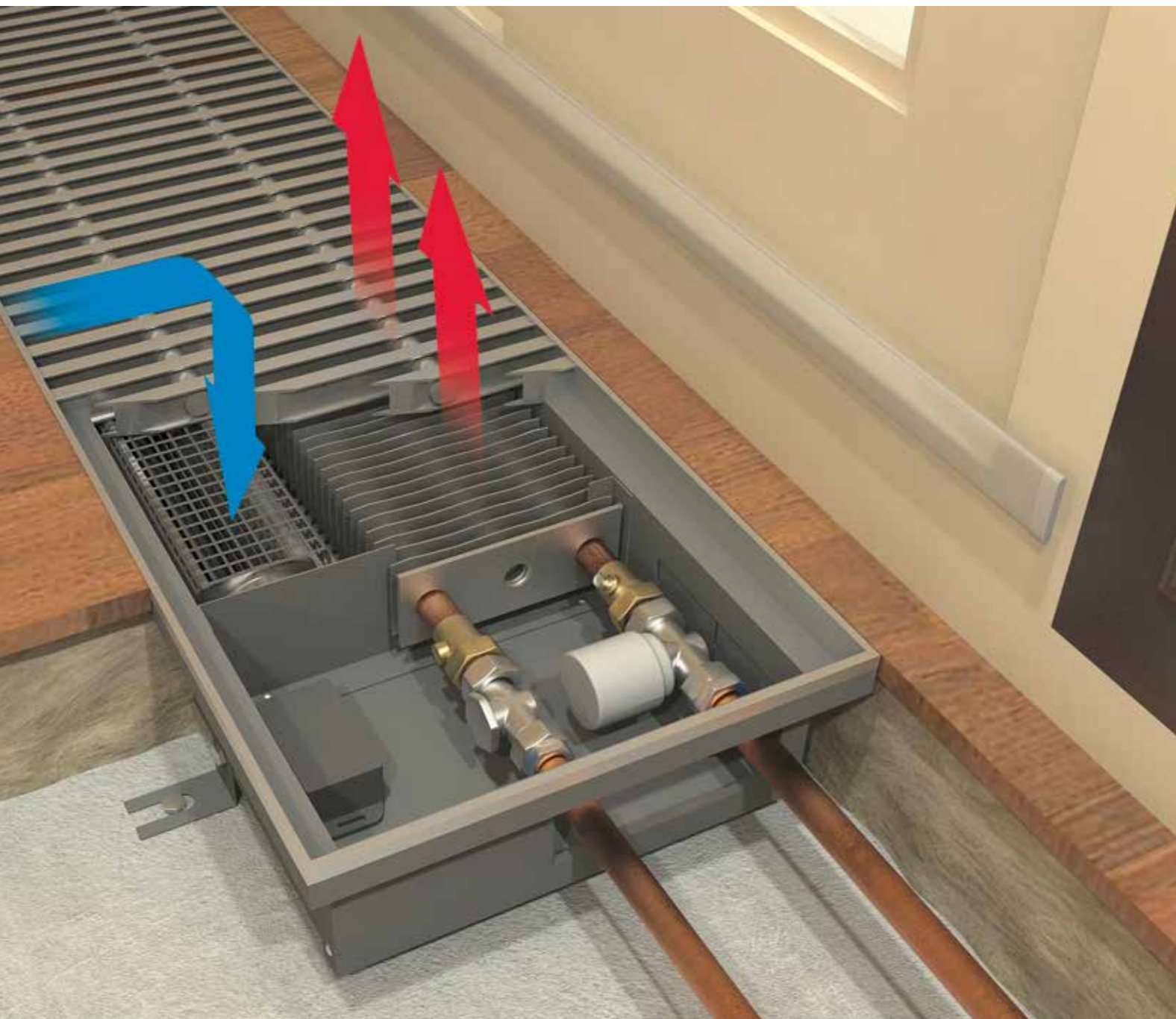


A unique feature of these two models allows the user to significantly increase the Techno Usual convector's capacity by simply installing a fan. This will transform natural convection into forced convection. Or one can remove the fan from Techno Vent convector in order to reduce capacity when needed.



CONVECTORS

BUILT-IN



APPLICATION

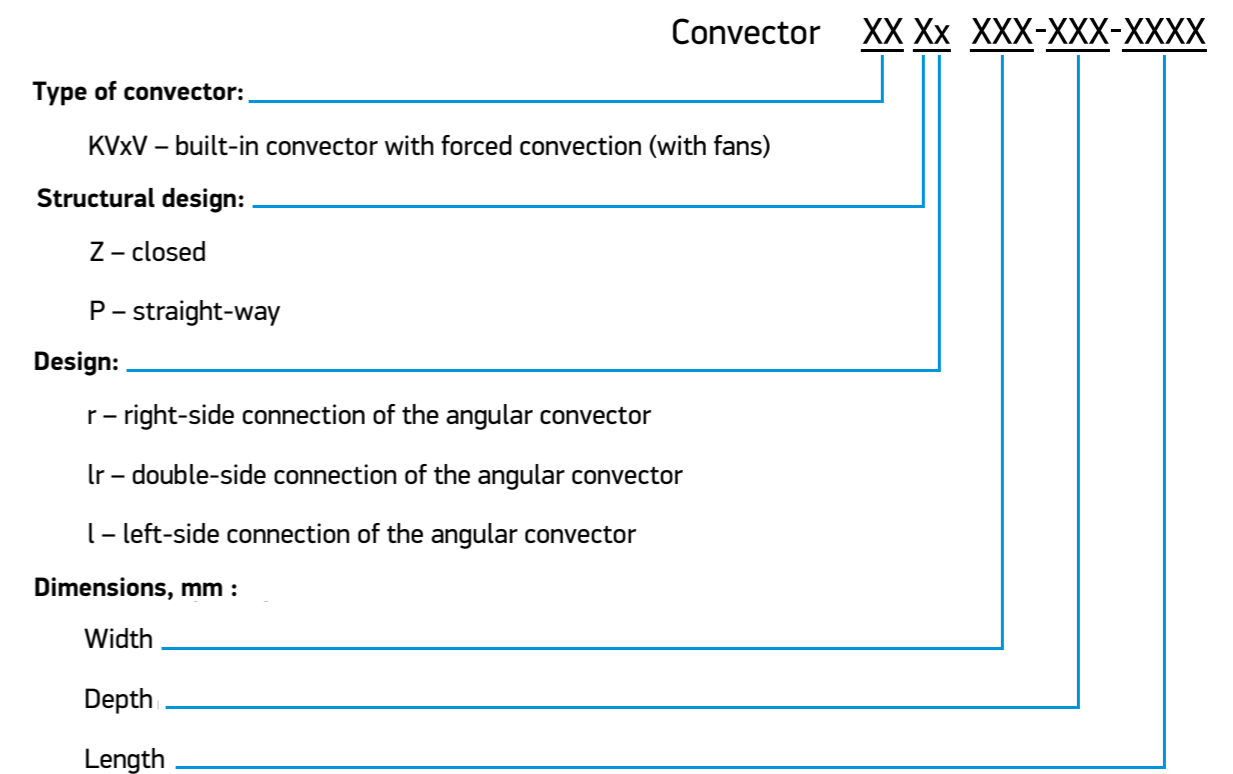
Techno Vent built-in convectors with forced convection, series KVPV and KVZV are equipped with cross-fans and are ready for installation onto either centralized or autonomous water-heating system. Techno Vent convectors can be equipped with a variable speed controller for fans.

OPERATING PARAMETERS

Techno Power convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.

TECHO VENT CONVECTORS' CONVENTIONAL IDENTIFICATION SCHEME:



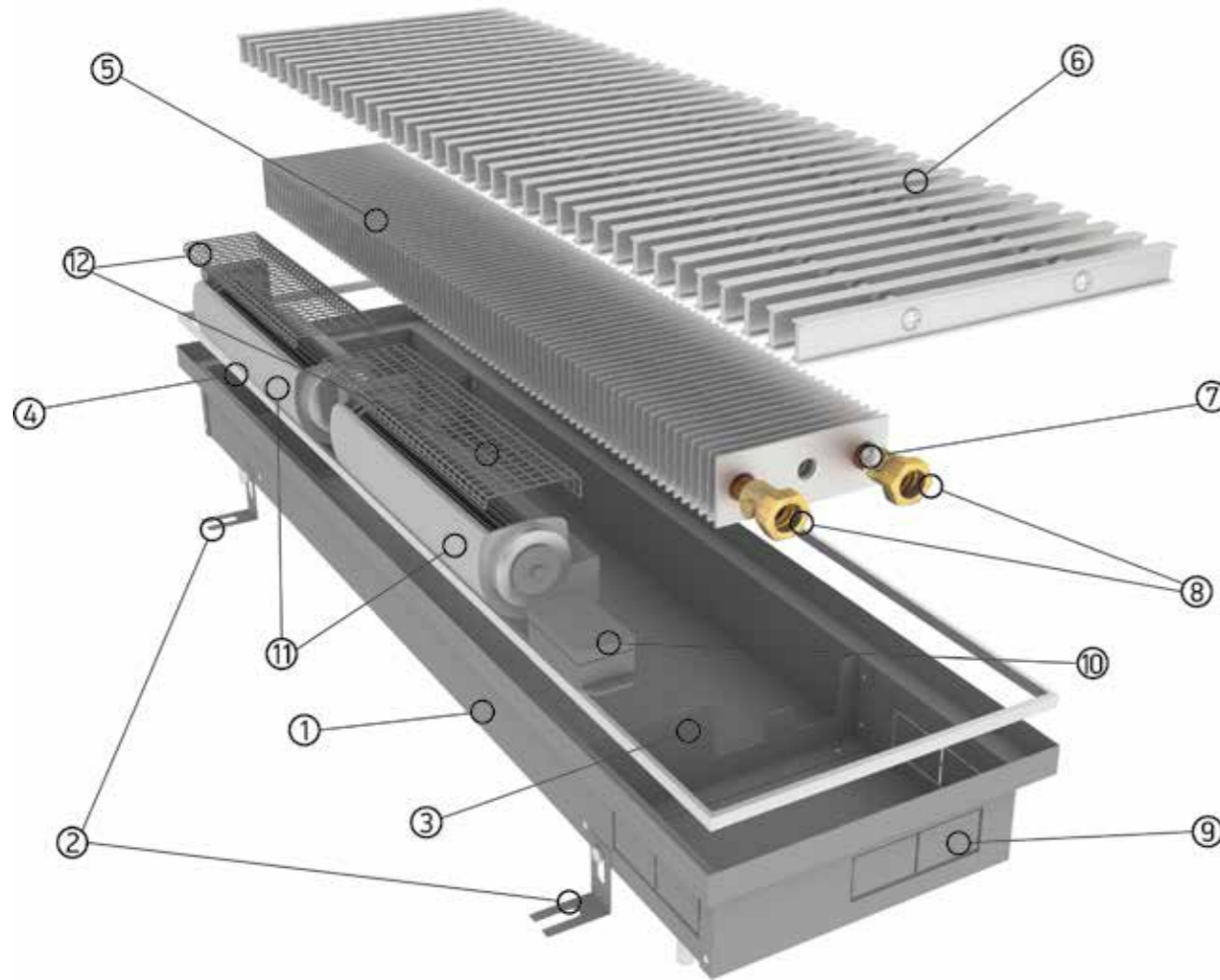
FEATURES:

- + To prevent corrosion, all parts of the convector housing are made of high-quality 1.2 mm thick galvanized steel sheets with wear-resistant powder coating.
- + The heat exchanger tube is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2" has an air blow valve.
- + Stiffening ribs prevent the convector housing from deformation.

BASIC SET:

- + Quick-detachable heat exchanger with G1/2" internal thread connection.
- + Housing made of galvanized steel with wear-resistant matte black powder coating.
- + Cross-fan
- + Decorative aluminium frame, matching the grille color.
- + Set of fastening-adjustable feet.
- + Roll-up or longitudinal grille made of anodized (or dyed according to RAL) aluminium or wood.
- + Certificate, installation and user manual.

CONVECTOR DESIGN



- 1. Convector's housing.
- 2. Adjustable feet for clamping to floor.
- 3. Stiffening ribs.
- 4. Decorative frame.
- 5. Heat exchanger.
- 6. Roll-up grille
- 7. Blow valve.
- 8. Connection point.
- 9. Ports for piping connection from either side.
- 10. Fan speed control unit (option).
- 11. Cross-fans.
- 12. Fan protecting grille.

HEAT PRODUCING CAPABILITY

Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70				Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70				Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70			
	0	min	norm	max		0	min	norm	max		0	min	norm	max
KVZV 250-85-800	221	738	895	1068	KVZV 350-85-800	353	838	996	1281	KVZV 420-85-800	457	882	1070	1415
KVZV 250-85-900	267	892	1073	1296	KVZV 350-85-900	416	1021	1213	1561	KVZV 420-85-900	538	1071	1299	1718
KVZV 250-85-1000	312	1045	1252	1523	KVZV 350-85-1000	479	1204	1431	1842	KVZV 420-85-1000	620	1260	1528	2021
KVZV 250-85-1100	358	1199	1430	1751	KVZV 350-85-1100	542	1387	1648	2122	KVZV 420-85-1100	702	1449	1757	2324
KVZV 250-85-1200	404	1352	1609	1978	KVZV 350-85-1200	605	1570	1866	2402	KVZV 420-85-1200	783	1639	1986	2627
KVZV 250-85-1300	450	1505	1788	2206	KVZV 350-85-1300	668	1753	2083	2682	KVZV 420-85-1300	865	1828	2215	2930
KVZV 250-85-1400	495	1659	1966	2433	KVZV 350-85-1400	731	1936	2301	2962	KVZV 420-85-1400	946	2017	2444	3233
KVZV 250-85-1500	541	1812	2145	2661	KVZV 350-85-1500	794	2118	2518	3242	KVZV 420-85-1500	1028	2206	2673	3536
KVZV 250-85-1600	587	1966	2323	2888	KVZV 350-85-1600	857	2301	2736	3523	KVZV 420-85-1600	1110	2395	2902	3839
KVZV 250-85-1700	633	2119	2502	3116	KVZV 350-85-1700	920	2484	2953	3803	KVZV 420-85-1700	1191	2584	3132	4142
KVZV 250-85-1800	679	2273	2680	3343	KVZV 350-85-1800	984	2667	3171	4083	KVZV 420-85-1800	1273	2773	3361	4445
KVZV 250-85-1900	724	2426	2859	3571	KVZV 350-85-1900	1047	2850	3388	4363	KVZV 420-85-1900	1355	2962	3590	4748
KVZV 250-85-2000	770	2579	3038	3798	KVZV 350-85-2000	1110	3033	3606	4643	KVZV 420-85-2000	1436	3152	3819	5051
KVZV 250-85-2100	816	2733	3216	4025	KVZV 350-85-2100	1173	3216	3823	4923	KVZV 420-85-2100	1518	3341	4048	5354
KVZV 250-85-2200	862	2886	3395	4253	KVZV 350-85-2200	1236	3399	4041	5204	KVZV 420-85-2200	1600	3530	4277	5657
KVZV 250-85-2300	907	3040	3573	4480	KVZV 350-85-2300	1299	3582	4258	5484	KVZV 420-85-2300	1681	3719	4506	5960
KVZV 250-85-2400	953	3193	3752	4708	KVZV 350-85-2400	1362	3765	4476	5764	KVZV 420-85-2400	1763	3908	4735	6263
KVZV 250-85-2500	999	3346	3931	4935	KVZV 350-85-2500	1425	3948	4693	6044	KVZV 420-85-2500	1844	4097	4964	6566
KVZV 250-85-2600	1045	3500	4109	5163	KVZV 350-85-2600	1488	4131	4911	6324	KVZV 420-85-2600	1926	4286	5193	6869
KVZV 250-85-2700	1091	3653	4288	5390	KVZV 350-85-2700	1551	4314	5128	6604	KVZV 420-85-2700	2008	4475	5422	7172
KVZV 250-85-2800	1136	3807	4466	5618	KVZV 350-85-2800	1614	4497	5346	6885	KVZV 420-85-2800	2089	4665	5651	7475
KVZV 250-85-2900	1182	3960	4645	5845	KVZV 350-85-2900	1677	4679	5563	7165	KVZV 420-85-2900	2171	4854	5880	7778
KVZV 250-85-3000	1228	4113	4824	6073	KVZV 350-85-3000	1740	4862	5781	7445	KVZV 420-85-3000	2253	5043	6109	8081
KVZV 250-85-3100	1274	4267	5002	6300	KVZV 350-85-3100	1803	5045	5998	7725	KVZV 420-85-3100	2334	5232	6338	8384
KVZV 250-85-3200	1320	4420	5181	6528	KVZV 350-85-3200	1866	5228	6216	8005	KVZV 420-85-3200	2416	5421	6567	8687
KVZV 250-85-3300	1365	4574	5359	6755	KVZV 350-85-3300	1929	5411	6433	8285	KVZV 420-85-3300	2497	5610	6796	8990
KVZV 250-85-3400	1411	4727	5538	6982	KVZV 350-85-3400	1992	5594	6651	8566	KVZV 420-85-3400	2579	5799	7025	9293
KVZV 250-85-3500	1457	4880	5717	7210	KVZV 350-85-3500	2055	5777	6868	8846	KVZV 420-85-3500	2661	5988	7254	9596
KVZV 250-85-3600	1503	5034	5895	7437	KVZV 350-85-3600	2118	5960	7086	9126	KVZV 420-85-3600	2742	6177	7483	9899
KVZV 250-85-3700	1548	5187	6074	7665	KVZV 350-85-3700	2181	6143	7303	9406	KVZV 420-85-3700	2824	6367	7713	10202
KVZV 250-85-3800	1594	5341	6252	7892	KVZV 350-85-3800	2245	6326	7521	9686	KVZV 420-85-3800	2906	6556	7942	10505
KVZV 250-85-3900	1640	5494	6431	8120	KVZV 350-85-3900	2308	6509	7738	9966	KVZV 420-85-3900	2987	6745	8171	10808
KVZV 250-85-4000	1686	5648	6609	8347	KVZV 350-85-4000	2371	6692	7956	10247	KVZV 420-85-4000	3069	6934	8400	11111
KVZV 250-85-4100	1732	5801	6788	8575	KVZV 350-85-4100	2434	6875	8173	10527	KVZV 420-85-4100	3151	7123	8629	11414
KVZV 250-85-4200	1777	5954	6967	8802	KVZV 350-85-4200	2497	7058	8391	10807	KVZV 420-85-4200	3232	7312	8858	11717
KVZV 250-85-4300	1823	6108	7145	9030	KVZV 350-85-4300	2560	7240	8608	11087	KVZV 420-85-4300	3314	7501	9087	12020
KVZV 250-85-4400	1869	6261	7324	9257	KVZV 350-85-4400	2623	7423	8826	11367	KVZV 420-85-4400	3395	7690	9316	12323
KVZV 250-85-4500	1915	6415	7502	9484	KVZV 350-85-4500	2686	7606	9043	11647	KVZV 420-85-4500	3477	7880	9545	12626
KVZV 250-85-4600	1960	6568	7681	9712	KVZV 350-85-4600	2749	7789	9261	11928	KVZV 420-85-4600	3559	8069	9774	12929
KVZV 250-85-4700	2006	6721	7860	9939	KVZV 350-85-4700	2812	7972	9478	12208	KVZV 420-85-4700	3640	8258	10003	13232
KVZV 250-85-4800	2052	6875	8038	10167	KVZV 350-85-4800	2875	8155	9696	12488	KVZV 420-85-4800	3722	8447	10232	13535

NOTE

The heat-exchanger can be dyed the same color as the convector's housing upon request.

HEAT PRODUCING CAPABILITY

Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70				Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70				Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70			
	0	min	norm	max		0	min	norm	max		0	min	norm	max
KVZV 250-140-800	344	1056	1235	1550	KVZV 350-140-800	505	1254	1538	2078	KVZV 420-140-800	631	1684	2067	2797
KVZV 250-140-900	414	1279	1499	1881	KVZV 350-140-900	594	1521	1865	2520	KVZV 420-140-900	742	2043	2508	3393
KVZV250-140-1000	483	1503	1762	2211	KVZV350-140-1000	682	1787	2191	2962	KVZV420-140-1000	852	2402	2948	3990
KVZV250-140-1100	552	1726	2026	2541	KVZV350-140-1100	771	2053	2518	3405	KVZV420-140-1100	962	2761	3389	4586
KVZV250-140-1200	621	1950	2290	2871	KVZV350-140-1200	859	2319	2845	3847	KVZV420-140-1200	1073	3121	3830	5183
KVZV250-140-1300	691	2173	2554	3202	KVZV350-140-1300	947	2586	3172	4289	KVZV420-140-1300	1183	3480	4271	5779
KVZV250-140-1400	760	2397	2817	3532	KVZV350-140-1400	1036	2852	3499	4731	KVZV420-140-1400	1293	3839	4712	6376
KVZV250-140-1500	829	2620	3081	3862	KVZV350-140-1500	1124	3118	3825	5173	KVZV420-140-1500	1404	4198	5152	6972
KVZV250-140-1600	899	2844	3345	4193	KVZV350-140-1600	1213	3384	4152	5616	KVZV420-140-1600	1514	4557	5593	7569
KVZV250-140-1700	968	3067	3609	4523	KVZV350-140-1700	1301	3651	4479	6058	KVZV420-140-1700	1624	4916	6034	8165
KVZV250-140-1800	1037	3291	3873	4853	KVZV350-140-1800	1390	3917	4806	6500	KVZV420-140-1800	1735	5275	6475	8762
KVZV250-140-1900	1107	3514	4136	5183	KVZV350-140-1900	1478	4183	5133	6942	KVZV420-140-1900	1845	5634	6916	9359
KVZV250-140-2000	1176	3738	4400	5514	KVZV350-140-2000	1566	4450	5459	7384	KVZV420-140-2000	1955	5994	7356	9955
KVZV250-140-2100	1245	3962	4664	5844	KVZV350-140-2100	1655	4716	5786	7826	KVZV420-140-2100	2066	6353	7797	10552
KVZV250-140-2200	1314	4185	4928	6174	KVZV350-140-2200	1743	4982	6113	8269	KVZV420-140-2200	2176	6712	8238	11148
KVZV250-140-2300	1384	4409	5191	6505	KVZV350-140-2300	1832	5248	6440	8711	KVZV420-140-2300	2286	7071	8679	11745
KVZV250-140-2400	1453	4632	5455	6835	KVZV350-140-2400	1920	5515	6767	9153	KVZV420-140-2400	2397	7430	9120	12341
KVZV250-140-2500	1522	4856	5719	7165	KVZV350-140-2500	2008	5781	7093	9595	KVZV420-140-2500	2507	7789	9560	12938
KVZV250-140-2600	1592	5079	5983	7496	KVZV350-140-2600	2097	6047	7420	10037	KVZV420-140-2600	2617	8148	10001	13534
KVZV250-140-2700	1661	5303	6247	7826	KVZV350-140-2700	2185	6313	7747	10479	KVZV420-140-2700	2728	8507	10442	14131
KVZV250-140-2800	1730	5526	6510	8156	KVZV350-140-2800	2274	6580	8074	10922	KVZV420-140-2800	2838	8867	10883	14727
KVZV250-140-2900	1799	5750	6774	8486	KVZV350-140-2900	2362	6846	8401	11364	KVZV420-140-2900	2948	9226	11324	15324
KVZV250-140-3000	1869	5973	7038	8817	KVZV350-140-3000	2451	7112	8727	11806	KVZV420-140-3000	3059	9585	11764	15920
KVZV250-140-3100	1938	6197	7302	9147	KVZV350-140-3100	2539	7378	9054	12248	KVZV420-140-3100	3169	9944	12205	16517
KVZV250-140-3200	2007	6421	7566	9477	KVZV350-140-3200	2627	7645	9381	12690	KVZV420-140-3200	3280	10303	12646	17114
KVZV250-140-3300	2077	6644	7829	9808	KVZV350-140-3300	2716	7911	9708	13132	KVZV420-140-3300	3390	10662	13087	17710
KVZV250-140-3400	2146	6868	8093	10138	KVZV350-140-3400	2804	8177	10035	13575	KVZV420-140-3400	3500	11021	13528	18307
KVZV250-140-3500	2215	7091	8357	10468	KVZV350-140-3500	2893	8444	10361	14017	KVZV420-140-3500	3611	11380	13968	18903
KVZV250-140-3600	2285	7315	8621	10798	KVZV350-140-3600	2981	8710	10688	14459	KVZV420-140-3600	3721	11739	14409	19500
KVZV250-140-3700	2354	7538	8884	11129	KVZV350-140-3700	3069	8976	11015	14901	KVZV420-140-3700	3831	12099	14850	20096
KVZV250-140-3800	2423	7762	9148	11459	KVZV350-140-3800	3158	9242	11342	15343	KVZV420-140-3800	3942	12458	15291	20693
KVZV250-140-3900	2492	7985	9412	11789	KVZV350-140-3900	3246	9509	11669	15785	KVZV420-140-3900	4052	12817	15732	21289
KVZV250-140-4000	2562	8209	9676	12120	KVZV350-140-4000	3335	9775	11995	16228	KVZV420-140-4000	4162	13176	16172	21886
KVZV250-140-4100	2631	8432	9940	12450	KVZV350-140-4100	3423	10041	12322	16670	KVZV420-140-4100	4273	13535	16613	22482
KVZV250-140-4200	2700	8656	10203	12780	KVZV350-140-4200	3512	10307	12649	17112	KVZV420-140-4200	4383	13894	17054	23079
KVZV250-140-4300	2770	8879	10467	13110	KVZV350-140-4300	3600	10574	12976	17554	KVZV420-140-4300	4493	14253	17495	23675
KVZV250-140-4400	2839	9103	10731	13441	KVZV350-140-4400	3688	10840	13303	17996	KVZV420-140-4400	4604	14612	17936	24272
KVZV250-140-4500	2908	9327	10995	13771	KVZV350-140-4500	3777	11106	13629	18438	KVZV420-140-4500	4714	14972	18376	24869
KVZV250-140-4600	2977	9550	11258	14101	KVZV350-140-4600	3865	11373	13956	18881	KVZV420-140-4600	4824	15331	18817	25465
KVZV250-140-4700	3047	9774	11522	14432	KVZV350-140-4700	3954	11639	14283	19323	KVZV420-140-4700	4935	15690	19258	26062
KVZV250-140-4800	3116	9997	11786	14762	KVZV350-140-4800	4042	11905	14610	19765	KVZV420-140-4800	5045	16049	19699	26658

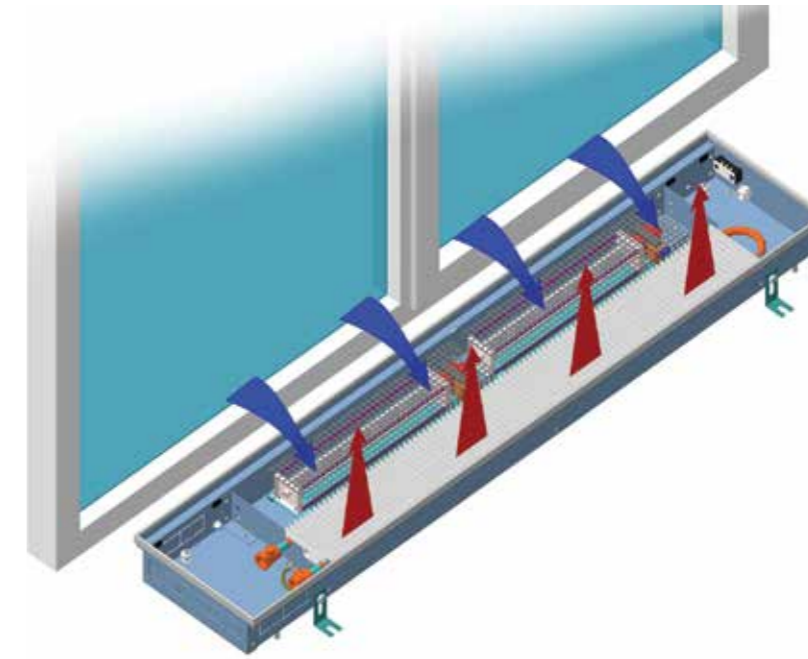
NOTE

The heat-exchanger can be dyed the same color as the convector’s housing upon request.

HEAT EXCHANGERS LAYOUT

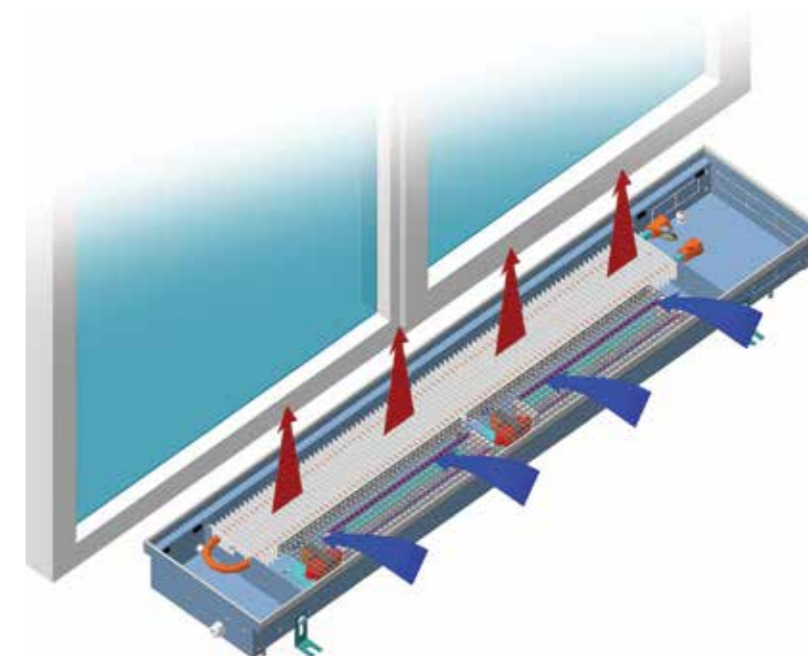
When the heat exchanger is installed from the room side, cool air from window is captured by the fan, passes through the heat-exchanger and once heated flows to the room. This type of installation allows a faster room heating.

HEAT EXCHANGER PLACED ROOM SIDE



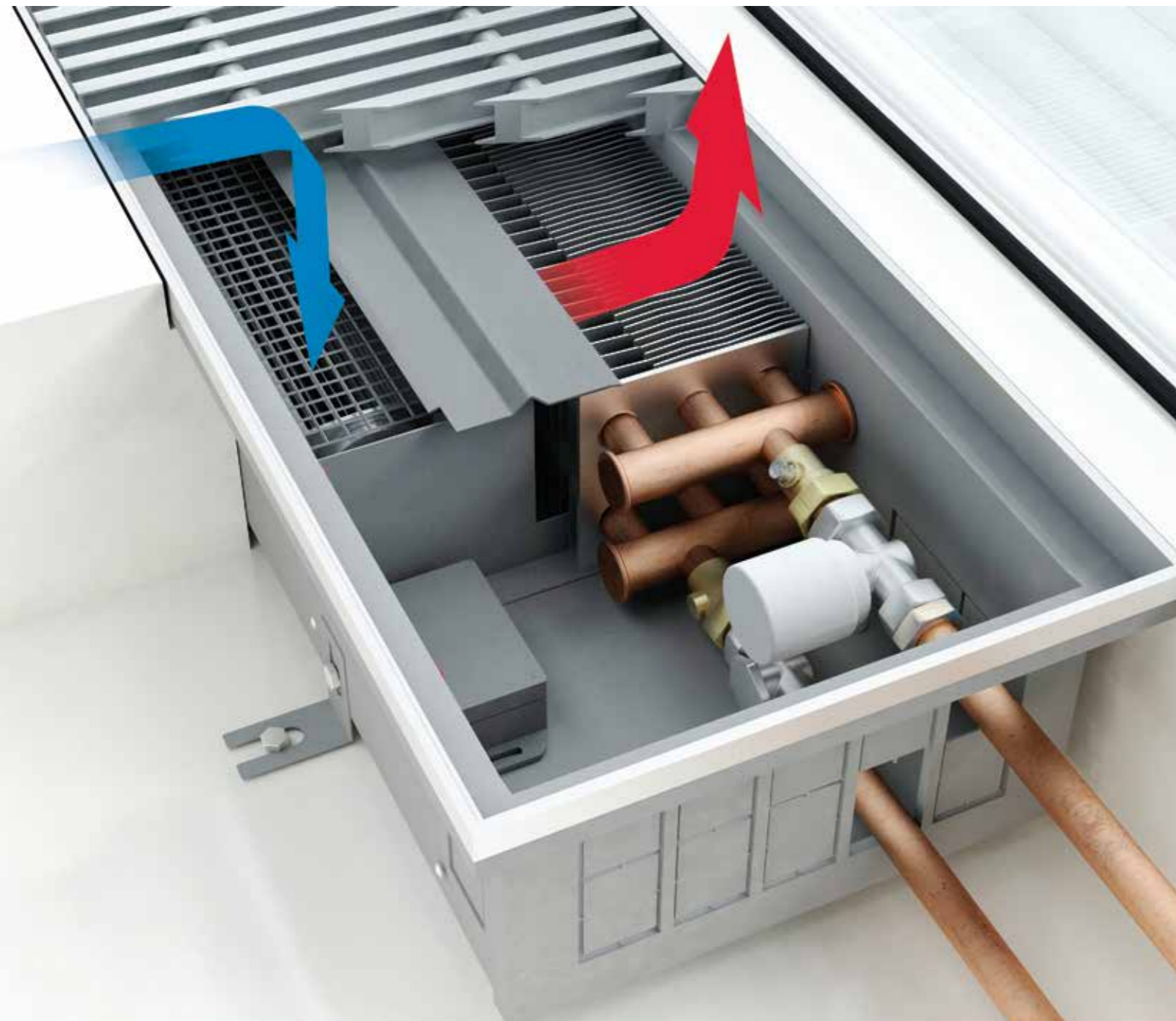
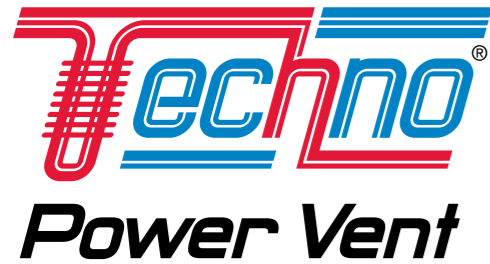
When the heat exchanger is installed from the window side, cool air from the room is captured by the fan, passes through the heat exchanger and once heated flows to the cool window. This will heat and dry the interior surface of the glass. This creates an air heat curtain effect. In this type of installation the convector is used as acomplementary source of energy.

HEAT EXCHANGER PLACED WINDOW SIDE



CONVECTORS

BUILT-IN



APPLICATION

Techno Power Vent built-in convectors with forced convection of increased capacity, series KVZVh, KVPVh, come with a unique heat exchanger with high thermal density and cross fans with antivibration rubber mountings. The convector's design provides a system of maximum efficiency of the directed air flow. Techno Power Vent convectors are perfect for rooms with specifically high requirements for heat capacity.

OPERATING PARAMETERS

Techno Power Vent convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.

TECHO POWER VENT CONVECTORS' CONVENTIONAL IDENTIFICATION SCHEME:

	Convector	XX	Xx	XXX	XXX	XXXX	-1
Type of convector:	_____						
	KVxV – built-in convector with forced convection (with fans)						
Structural design:	_____						
	Z – closed						
	P – straight-way						
Design:	_____						
	h – heat exchanger with high thermal density						
	r – right-side connection of the angular convector						
	lr – double-side connection of the angular convector						
	l – left-side connection of the angular convector						
Dimensions, mm :	_____						
	Width _____						
	Depth _____						
	Length _____						
Mirror design	_____						

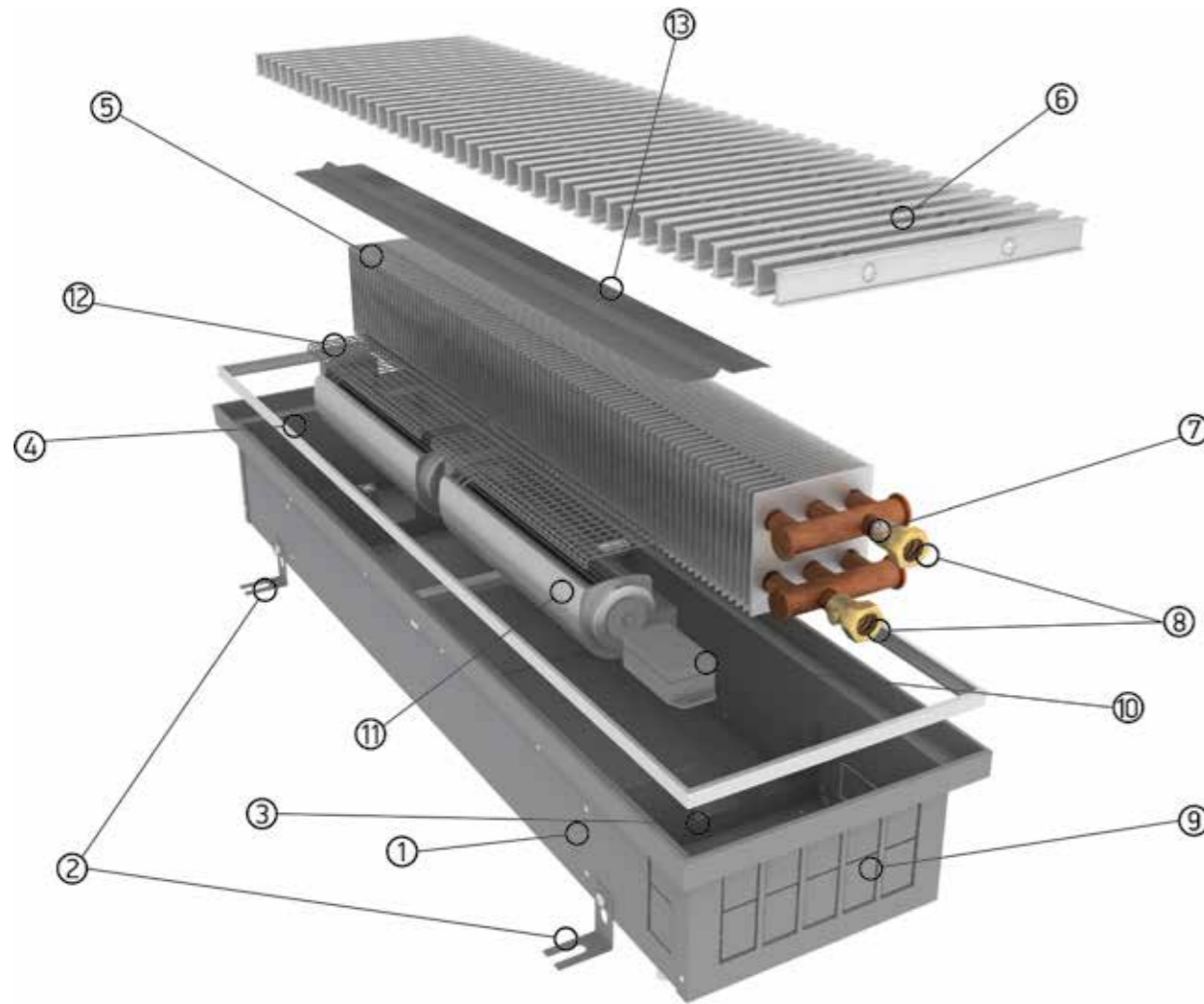
FEATURES:

- + To prevent corrosion, all parts of the convector housing are made of high-quality 1.2 mm thick galvanized steel sheets with wear-resistant powder coating.
- + The heat exchanger tube is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2" has an air blow valve.
- + Stiffening ribs prevent the convector housing from deformation.

BASIC SET:

- + Quick-detachable heat exchanger with G1/2" internal thread connection.
- + Housing made of galvanized steel with wear-resistant matte black powder coating.
- + Cross-fan
- + Decorative aluminium frame, matching the grille color.
- + Set of fastening-adjustable feet.
- + Roll-up or longitudinal grille made of anodized (or dyed according to RAL) aluminium or wood.
- + Certificate, installation and user manual.

CONVECTOR DESIGN



- 1. Convactor's housing.
- 2. Adjustable feet for clamping to floor.
- 3. Stiffening ribs.
- 4. Decorative frame.
- 5. Heat exchanger.
- 6. Roll-up grille
- 7. Blow valve.
- 8. Connection point.
- 9. Ports for piping connection from either side.
- 10. Fan speed control unit (option).
- 11. Cross-fans.
- 12. Fan protecting grille.
- 13. Guide rail.

HEAT PRODUCING CAPABILITY

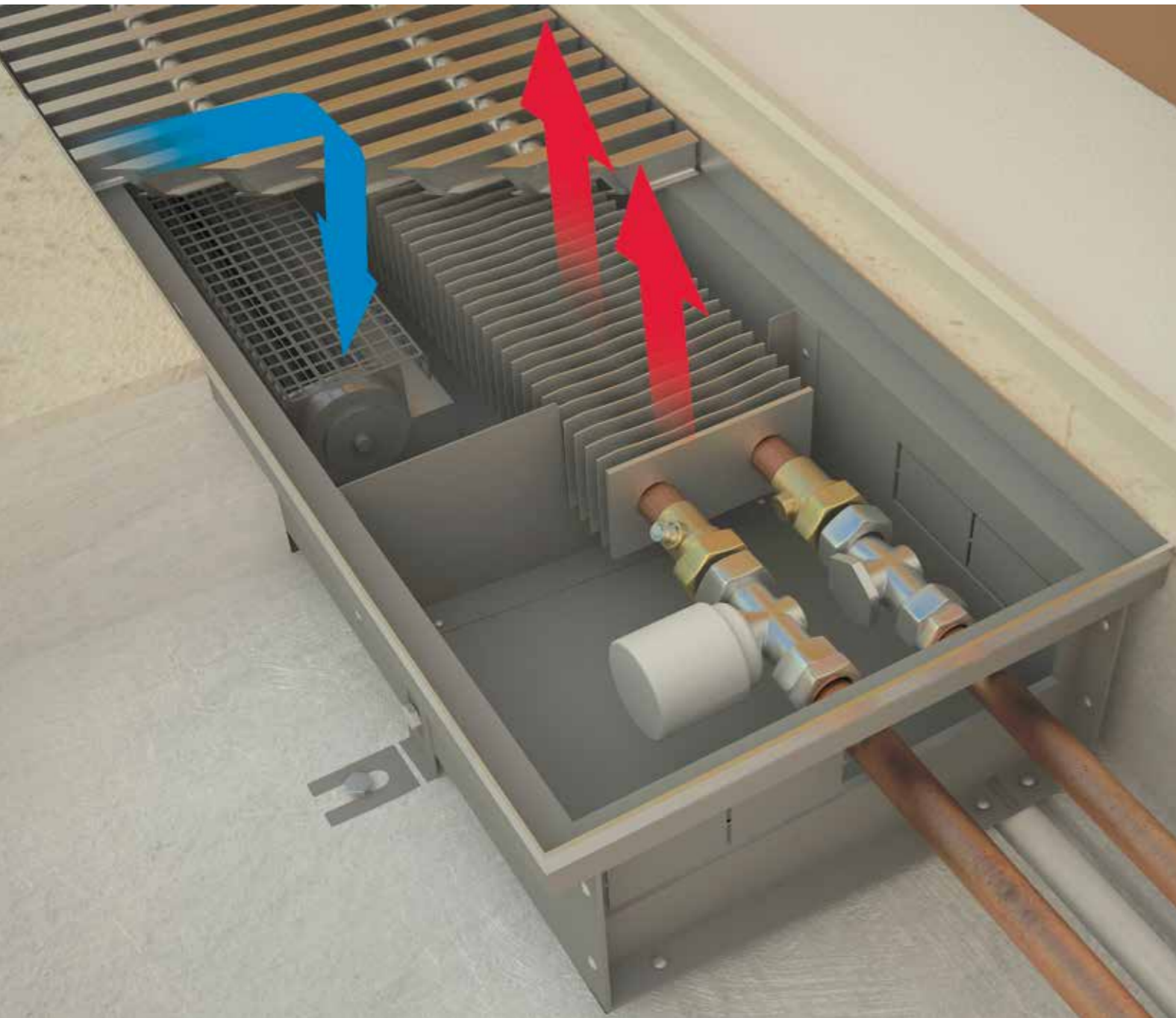
Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70				Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70			
	0	min	norm	max		0	min	norm	max
KVZV 270-130-800	443	998	1228	1535	KVZV 270-130-2900	963	4798	5906	7382
KVZV 270-130-900	452	1230	1514	1893	KVZV 270-130-3000	986	4936	6075	7594
KVZV 270-130-1000	461	1463	1800	2250	KVZV 270-130-3100	1010	5280	6499	8124
KVZV 270-130-1100	470	1695	2086	2608	KVZV 270-130-3200	1033	5625	6923	8654
KVZV 270-130-1200	479	2023	2490	3113	KVZV 270-130-3300	1057	5762	7092	8865
KVZV 270-130-1300	529	2184	2688	3360	KVZV 270-130-3400	1080	5900	7261	9077
KVZV 270-130-1400	579	2345	2886	3608	KVZV 270-130-3500	1104	6037	7430	9288
KVZV 270-130-1500	629	2506	3084	3855	KVZV 270-130-3600	1127	6175	7600	9500
KVZV 270-130-1600	678	2981	3669	4586	KVZV 270-130-3700	1151	6312	7769	9711
KVZV 270-130-1700	691	3049	3753	4692	KVZV 270-130-3800	1174	6450	7938	9923
KVZV 270-130-1800	704	3148	3874	4843	KVZV 270-130-3900	1198	6794	8362	10453
KVZV 270-130-1900	727	3217	3959	4949	KVZV 270-130-4000	1221	7139	8786	10983
KVZV 270-130-2000	754	3561	4383	5479	KVZV 270-130-4100	1245	7276	8955	11194
KVZV 270-130-2100	777	3699	4552	5690	KVZV 270-130-4200	1268	7414	9124	11406
KVZV 270-130-2200	800	3836	4721	5902	KVZV 270-130-4300	1292	7551	9294	11617
KVZV 270-130-2300	823	3973	4890	6113	KVZV 270-130-4400	1325	7689	9463	11829
KVZV 270-130-2400	845	4111	5060	6325	KVZV 270-130-4500	1368	7826	9632	12040
KVZV 270-130-2500	869	4248	5229	6536	KVZV 270-130-4600	1385	7963	9801	12252
KVZV 270-130-2600	892	4386	5398	6748	KVZV 270-130-4700	1435	8101	9970	12463
KVZV 270-130-2700	916	4523	5567	6959	KVZV 270-130-4800	1485	8238	10140	12675
KVZV 270-130-2800	939	4661	5736	7171					

NOTE

The heat-exchanger can be dyed the same color as the convector's housing upon request.

CONVECTORS

BUILT-IN



APPLICATION

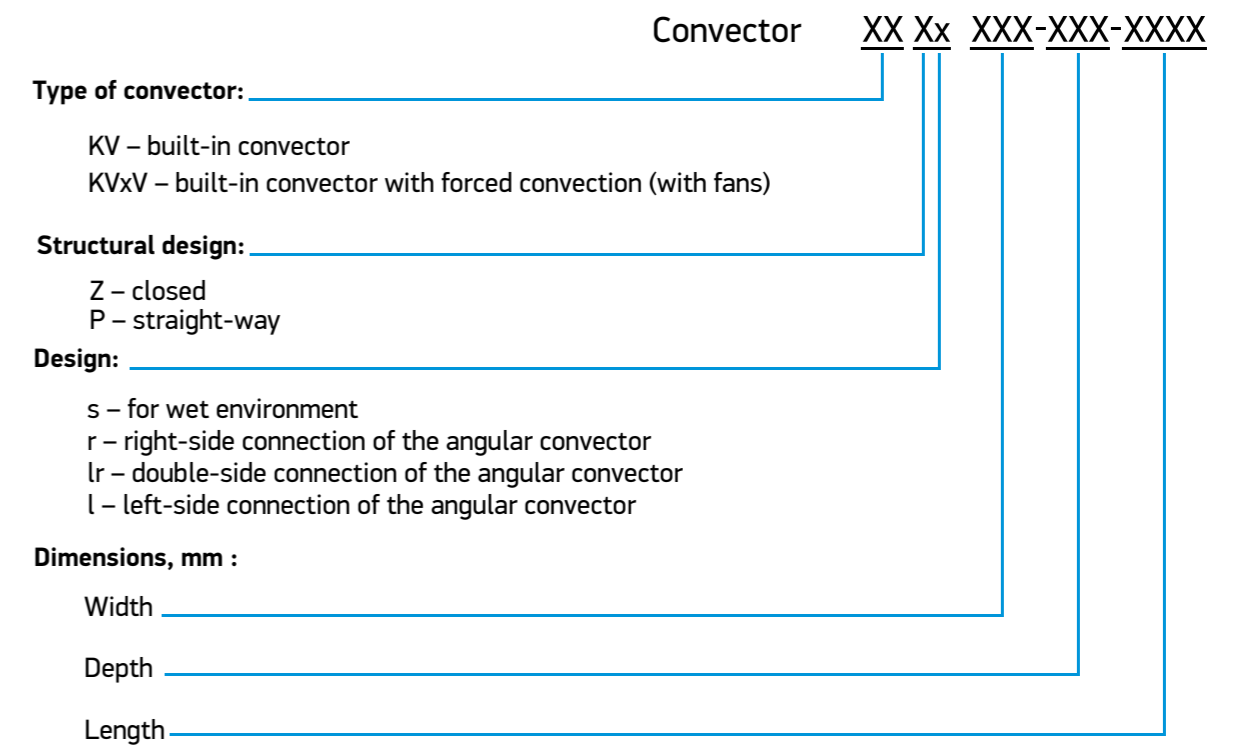
Techno WD built-in convectors with natural and forced convection, series KVZs, KVPs, KVZVs, KVPVs, are intended for use in rooms with high humidity, they are perfect for heating swimming pools areas. Feature draining branch pipe to remove the excess moisture. A 12 B fan can be added as well. Techno WD convectors can be installed onto either centralized or autonomous water-heating system. Supplied fully ready for installation.

OPERATING PARAMETERS

Techno WD convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.

TECHO WD CONVECTORS' CONVENTIONAL IDENTIFICATION SCHEME:



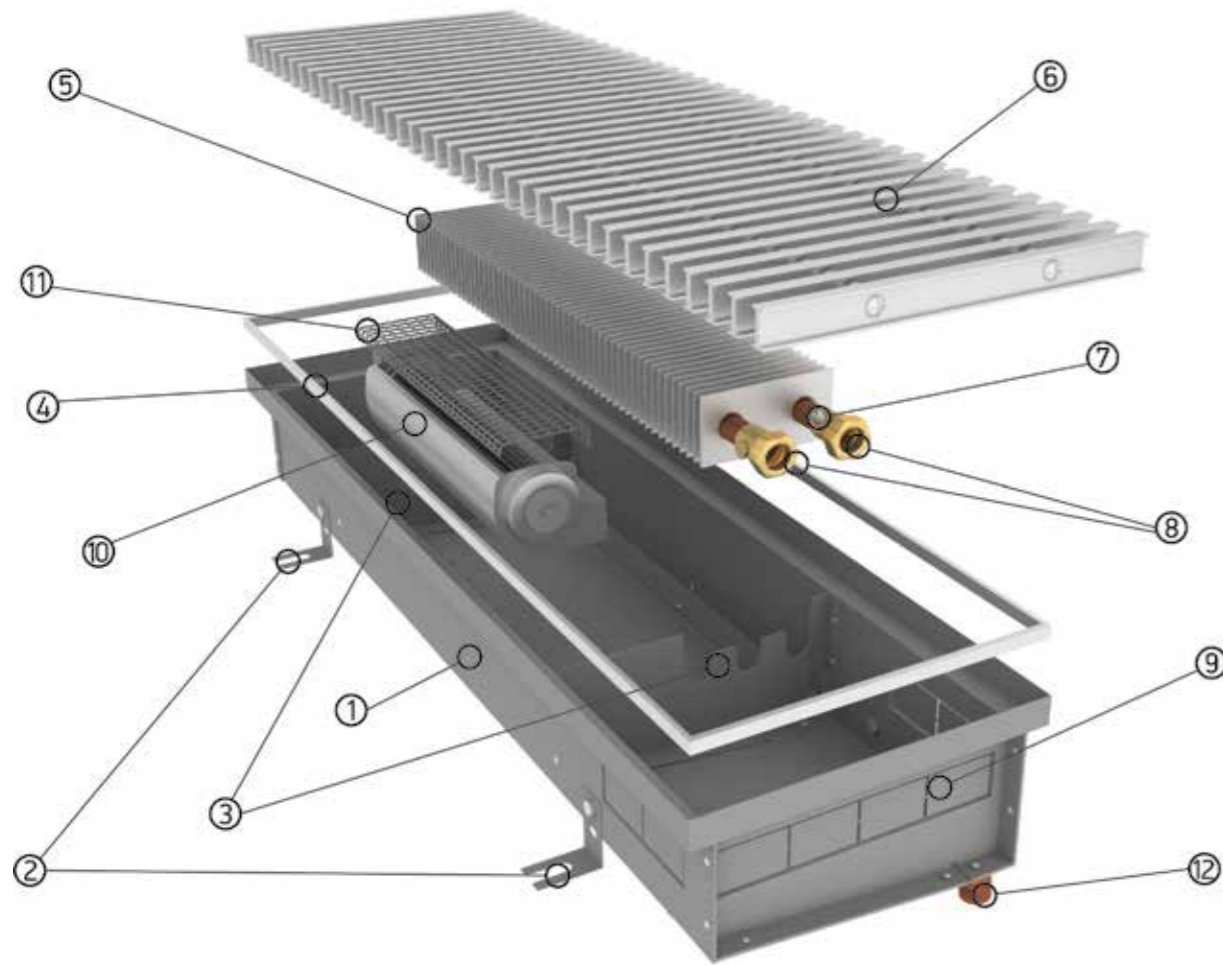
FEATURES:

- + To prevent corrosion, all parts of the convector housing are made of high-quality 1.2 mm thick galvanized steel sheets with wear-resistant powder coating.
- + The heat exchanger tube is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2" has an air blow valve.
- + Stiffening ribs prevent the convector housing from deformation.

BASIC SET:

- + Quick-detachable heat exchanger with G1/2" internal thread connection.
- + Housing made of galvanized steel with wear-resistant matte black powder coating.
- + Decorative aluminium frame, matching the grille color.
- + Set of fastening-adjustable feet.
- + Roll-up or longitudinal grille made of anodized (or dyed according to RAL) aluminium or wood.
- + Certificate, installation and user manual.

CONVECTOR DESIGN



- 1. Convector's housing.
- 2. Adjustable feet for clamping to floor.
- 3. Stiffening ribs.
- 4. Decorative frame.
- 5. Heat exchanger.
- 6. Roll-up grille
- 7. Blow valve.
- 8. Connection point.
- 9. Ports for piping connection from either side.
- 10. Cross-fan.
- 11. Fan protecting grille.
- 12. Draining branch pipe.

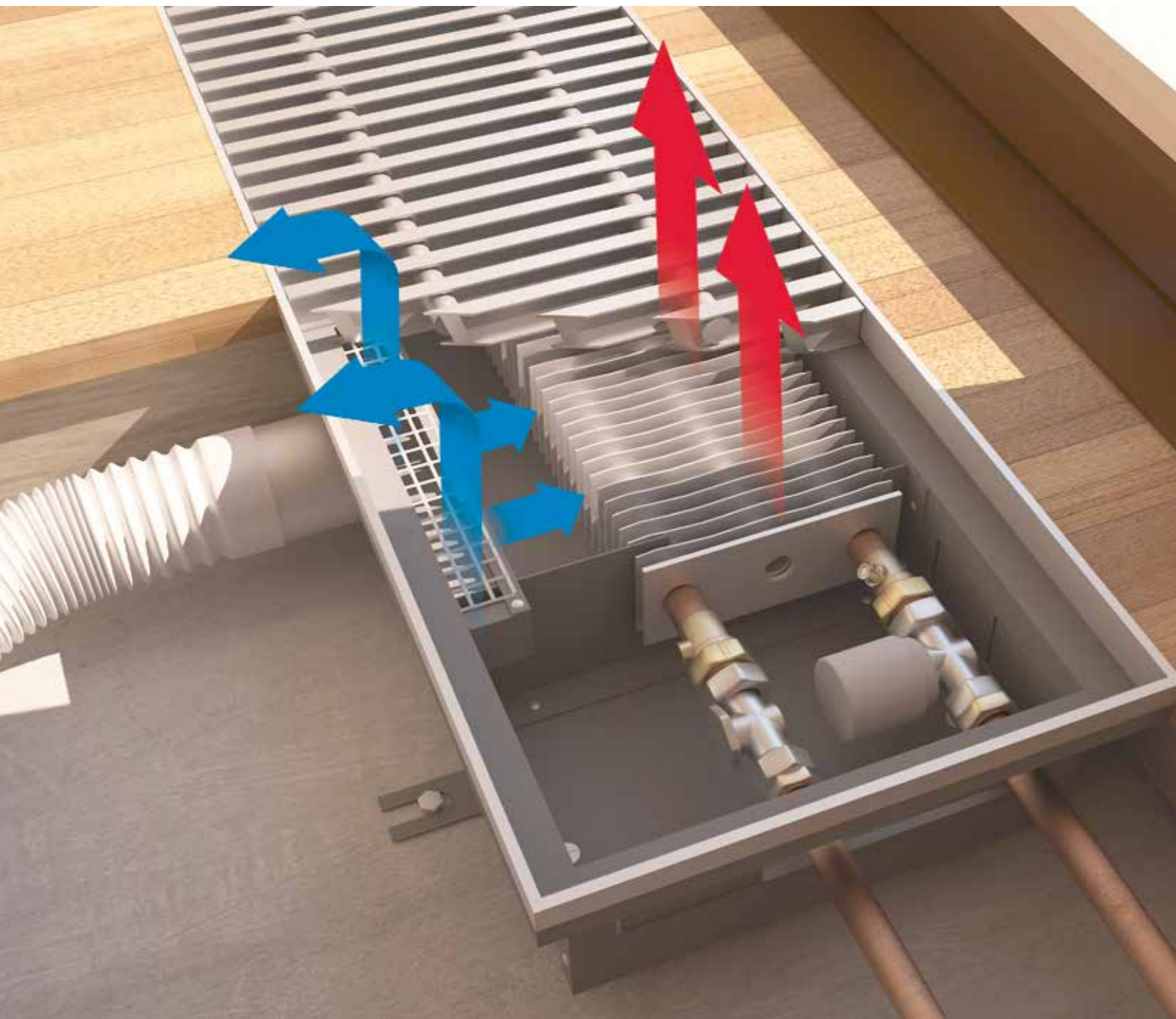
HEAT PRODUCING CAPABILITY

Width Depth Length (mm)	Capacity, W, 95/85 °C, ΔT=70		Width Depth Length (mm)	Capacity, W, 95/85 °C, ΔT=70		Width Depth Length (mm)	Capacity, W, 95/85 °C, ΔT=70		Width Depth Length (mm)	Capacity, W, 95/85 °C, ΔT=70	
	0	max		0	max		0	max		0	max
KVZs 200-85-800	221	583	KVZs 250-85-800	221	583	KVZs 350-85-800	353	932	KVZs 420-85-800	457	1394
KVZs 200-85-900	267	704	KVZs 250-85-900	267	704	KVZs 350-85-900	416	1098	KVZs 420-85-900	538	1692
KVZs 200-85-1000	313	825	KVZs 250-85-1000	313	825	KVZs 350-85-1000	479	1265	KVZs 420-85-1000	620	1991
KVZs 200-85-1100	358	946	KVZs 250-85-1100	358	946	KVZs 350-85-1100	542	1431	KVZs 420-85-1100	702	2289
KVZs 200-85-1200	404	1067	KVZs 250-85-1200	404	1067	KVZs 350-85-1200	605	1598	KVZs 420-85-1200	783	2588
KVZs 200-85-1300	450	1188	KVZs 250-85-1300	450	1188	KVZs 350-85-1300	668	1764	KVZs 420-85-1300	865	2886
KVZs 200-85-1400	496	1308	KVZs 250-85-1400	496	1308	KVZs 350-85-1400	731	1930	KVZs 420-85-1400	946	3185
KVZs 200-85-1500	541	1429	KVZs 250-85-1500	541	1429	KVZs 350-85-1500	794	2097	KVZs 420-85-1500	1028	3483
KVZs 200-85-1600	587	1550	KVZs 250-85-1600	587	1550	KVZs 350-85-1600	857	2263	KVZs 420-85-1600	1110	3781
KVZs 200-85-1700	633	1671	KVZs 250-85-1700	633	1671	KVZs 350-85-1700	920	2430	KVZs 420-85-1700	1191	4080
KVZs 200-85-1800	679	1792	KVZs 250-85-1800	679	1792	KVZs 350-85-1800	984	2596	KVZs 420-85-1800	1273	4378
KVZs 200-85-1900	725	1913	KVZs 250-85-1900	725	1913	KVZs 350-85-1900	1047	2763	KVZs 420-85-1900	1355	4677
KVZs 200-85-2000	770	2033	KVZs 250-85-2000	770	2033	KVZs 350-85-2000	1110	2929	KVZs 420-85-2000	1436	4975
KVZs 200-85-2100	816	2154	KVZs 250-85-2100	816	2154	KVZs 350-85-2100	1173	3096	KVZs 420-85-2100	1518	5274
KVZs 200-85-2200	862	2275	KVZs 250-85-2200	862	2275	KVZs 350-85-2200	1236	3262	KVZs 420-85-2200	1600	5572
KVZs 200-85-2300	908	2396	KVZs 250-85-2300	908	2396	KVZs 350-85-2300	1299	3428	KVZs 420-85-2300	1681	5871
KVZs 200-85-2400	953	2517	KVZs 250-85-2400	953	2517	KVZs 350-85-2400	1362	3595	KVZs 420-85-2400	1763	6169
KVZs 200-85-2500	999	2638	KVZs 250-85-2500	999	2638	KVZs 350-85-2500	1425	3761	KVZs 420-85-2500	1844	6468
KVZs 200-85-2600	1045	2758	KVZs 250-85-2600	1045	2758	KVZs 350-85-2600	1488	3928	KVZs 420-85-2600	1926	6766
KVZs 200-85-2700	1091	2879	KVZs 250-85-2700	1091	2879	KVZs 350-85-2700	1551	4094	KVZs 420-85-2700	2008	7064
KVZs 200-85-2800	1137	3000	KVZs 250-85-2800	1137	3000	KVZs 350-85-2800	1614	4261	KVZs 420-85-2800	2089	7363
KVZs 200-85-2900	1182	3121	KVZs 250-85-2900	1182	3121	KVZs 350-85-2900	1677	4427	KVZs 420-85-2900	2171	7661
KVZs 200-85-3000	1228	3242	KVZs 250-85-3000	1228	3242	KVZs 350-85-3000	1740	4594	KVZs 420-85-3000	2253	7960
KVZs 200-85-3100	1274	3363	KVZs 250-85-3100	1274	3363	KVZs 350-85-3100	1803	4760	KVZs 420-85-3100	2334	8258
KVZs 200-85-3200	1320	3483	KVZs 250-85-3200	1320	3483	KVZs 350-85-3200	1866	4926	KVZs 420-85-3200	2416	8557
KVZs 200-85-3300	1365	3604	KVZs 250-85-3300	1365	3604	KVZs 350-85-3300	1929	5093	KVZs 420-85-3300	2497	8855
KVZs 200-85-3400	1411	3725	KVZs 250-85-3400	1411	3725	KVZs 350-85-3400	1992	5259	KVZs 420-85-3400	2579	9154
KVZs 200-85-3500	1457	3846	KVZs 250-85-3500	1457	3846	KVZs 350-85-3500	2055	5426	KVZs 420-85-3500	2661	9452
KVZs 200-85-3600	1503	3967	KVZs 250-85-3600	1503	3967	KVZs 350-85-3600	2118	5592	KVZs 420-85-3600	2742	9751
KVZs 200-85-3700	1548	4088	KVZs 250-85-3700	1548	4088	KVZs 350-85-3700	2181	5759	KVZs 420-85-3700	2824	10049
KVZs 200-85-3800	1594	4209	KVZs 250-85-3800	1594	4209	KVZs 350-85-3800	2245	5925	KVZs 420-85-3800	2906	10347
KVZs 200-85-3900	1640	4329	KVZs 250-85-3900	1640	4329	KVZs 350-85-3900	2308	6091	KVZs 420-85-3900	2987	10646
KVZs 200-85-4000	1686	4450	KVZs 250-85-4000	1686	4450	KVZs 350-85-4000	2371	6258	KVZs 420-85-4000	3069	10944
KVZs 200-85-4100	1732	4571	KVZs 250-85-4100	1732	4571	KVZs 350-85-4100	2434	6424	KVZs 420-85-4100	3151	11243
KVZs 200-85-4200	1777	4692	KVZs 250-85-4200	1777	4692	KVZs 350-85-4200	2497	6591	KVZs 420-85-4200	3232	11541
KVZs 200-85-4300	1823	4813	KVZs 250-85-4300	1823	4813	KVZs 350-85-4300	2560	6757	KVZs 420-85-4300	3314	11840
KVZs 200-85-4400	1869	4934	KVZs 250-85-4400	1869	4934	KVZs 350-85-4400	2623	6924	KVZs 420-85-4400	3395	12138
KVZs 200-85-4500	1915	5054	KVZs 250-85-4500	1915	5054	KVZs 350-85-4500	2686	7090	KVZs 420-85-4500	3477	12437
KVZs 200-85-4600	1960	5175	KVZs 250-85-4600	1960	5175	KVZs 350-85-4600	2749	7257	KVZs 420-85-4600	3559	12735
KVZs 200-85-4700	2006	5296	KVZs 250-85-4700	2006	5296	KVZs 350-85-4700	2812	7423	KVZs 420-85-4700	3640	13034
KVZs 200-85-4800	2052	5417	KVZs 250-85-4800	2052	5417	KVZs 350-85-4800	2875	7589	KVZs 420-85-4800	3722	13332

NOTE
The heat-exchanger can be dyed the same color as the convector's housing upon request.

CONVECTORS

BUILT-IN



APPLICATION

Techno Air- built-in convectors with natural convection and air supply from ventilation system, series KVVZ, KVVV. The design of the convector provides supply of fresh air from the ventilation system and its uniform distribution in the air-releasing module along the entire length of the convector. The air supply to the heat exchanger is regulated by a slide gate.

OPERATING PARAMETERS

Techno Air convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.

TECHO AIR CONVECTORS' CONVENTIONAL IDENTIFICATION SCHEME:

	Convector	<u>XX</u> <u>Xx</u> <u>XXX-XXX-XXXX</u>
Type of convector: _____		
KVV – built-in convector with connection to air ducts		
Structural design: _____		
Z – closed		
P – straight-way		
Design: _____		
r – right-side connection of the angular convector		
lr – double-side connection of the angular convector		
l – left-side connection of the angular convector		
d – bottom connection to air ducts		
Dimensions, mm :		
Width _____		
Depth _____		
Length _____		

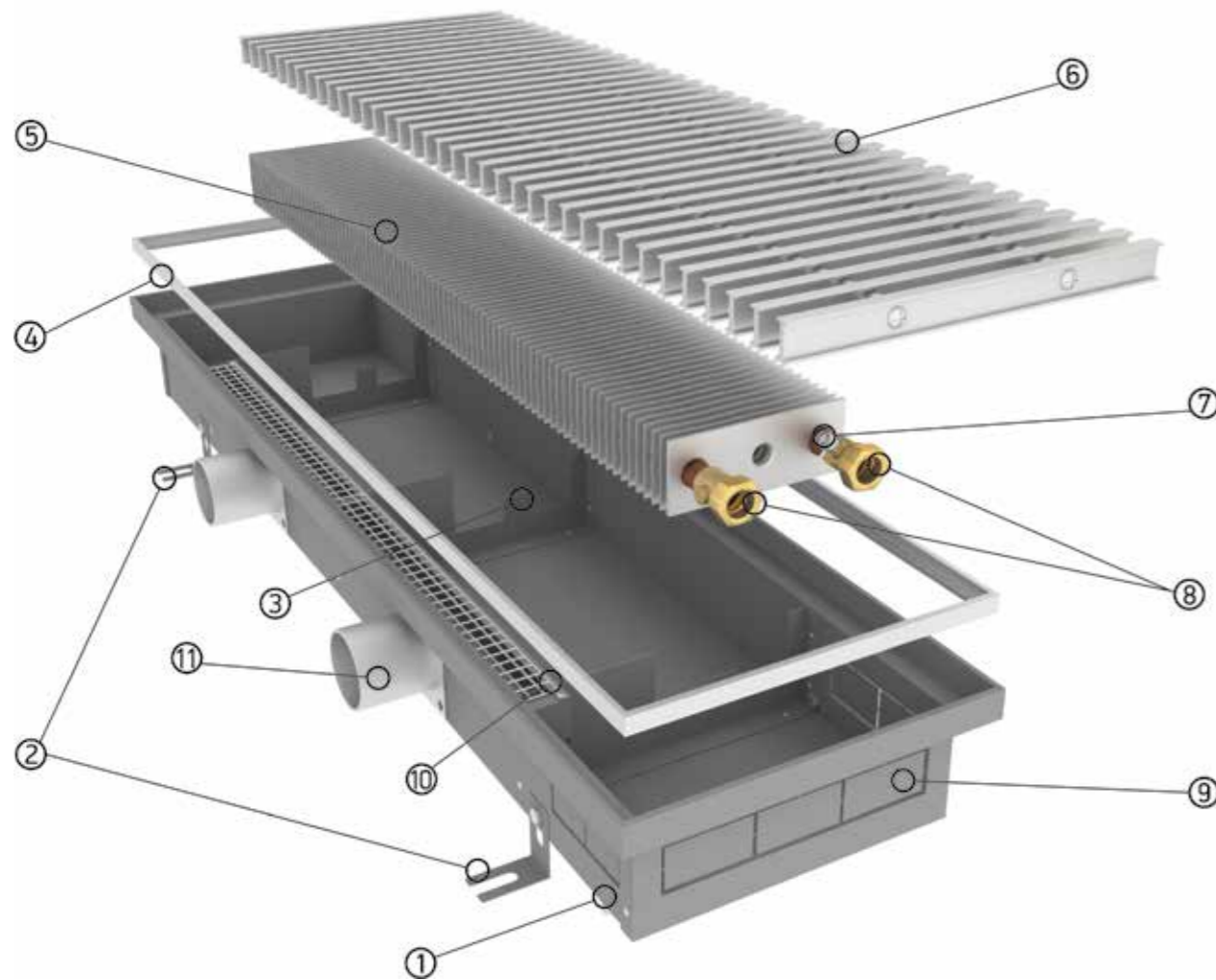
FEATURES:

- + To prevent corrosion, all parts of the convector housing are made of high-quality 1.2 mm thick galvanized steel sheets with wear-resistant powder coating.
- + The heat exchanger tube is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2" has an air blow valve.
- + Stiffening ribs prevent the convector housing from deformation.

BASIC SET:

- + Quick-detachable heat exchanger with G1/2" internal thread connection.
- + Housing made of galvanized steel with wear-resistant matte black powder coating.
- + Decorative aluminium frame, matching the grille color.
- + Set of fastening-adjustable feet.
- + Roll-up or longitudinal grille made of anodized (or dyed according to RAL) aluminium or wood.
- + Certificate, installation and user manual.

CONVECTOR DESIGN



1. Convector's housing.
2. Adjustable feet for clamping to floor.
3. Stiffening ribs.
4. Decorative frame.
5. Heat exchanger.
6. Roll-up grille
7. Blow valve.
8. Connection point.
9. Ports for piping connection from either side.
10. Slide gate.
11. Air supply holes.

HEAT PRODUCING CAPABILITY

Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70						Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70					
	Air consumption, m³/h							Air consumption, m³/h					
	0	80	160	240	320	400		0	80	160	240	320	400
KVVZ 250-85-800	221	592	897	995	1 028	1 052	KVVZ 350-85-800	353	946	1 433	1 589	1 641	1 680
KVVZ 250-85-900	267	715	1 083	1 201	1 241	1 270	KVVZ 350-85-900	416	1 115	1 689	1 872	1 935	1 980
KVVZ 250-85-1000	313	838	1 269	1 406	1 453	1 488	KVVZ 350-85-1000	479	1 284	1 945	2 156	2 228	2 281
KVVZ 250-85-1100	358	960	1 455	1 612	1 666	1 706	KVVZ 350-85-1100	542	1 453	2 201	2 440	2 521	2 581
KVVZ 250-85-1200	404	1 083	1 641	1 818	1 879	1 924	KVVZ 350-85-1200	605	1 622	2 457	2 723	2 814	2 881
KVVZ 250-85-1300	450	1 206	1 827	2 024	2 092	2 141	KVVZ 350-85-1300	668	1 791	2 713	3 007	3 107	3 181
KVVZ 250-85-1400	496	1 328	2 012	2 230	2 305	2 359	KVVZ 350-85-1400	731	1 960	2 969	3 291	3 401	3 481
KVVZ 250-85-1500	541	1 451	2 198	2 436	2 518	2 577	KVVZ 350-85-1500	794	2 129	3 225	3 575	3 694	3 781
KVVZ 250-85-1600	587	1 574	2 384	2 642	2 731	2 795	KVVZ 350-85-1600	857	2 298	3 481	3 858	3 987	4 081
KVVZ 250-85-1700	633	1 696	2 570	2 848	2 943	3 013	KVVZ 350-85-1700	920	2 467	3 737	4 142	4 280	4 381
KVVZ 250-85-1800	679	1 819	2 756	3 054	3 156	3 231	KVVZ 350-85-1800	984	2 636	3 993	4 426	4 573	4 681
KVVZ 250-85-1900	725	1 942	2 942	3 260	3 369	3 449	KVVZ 350-85-1900	1 047	2 805	4 249	4 709	4 866	4 982
KVVZ 250-85-2000	770	2 064	3 127	3 466	3 582	3 667	KVVZ 350-85-2000	1 110	2 974	4 505	4 993	5 160	5 282
KVVZ 250-85-2100	816	2 187	3 313	3 672	3 795	3 885	KVVZ 350-85-2100	1 173	3 143	4 761	5 277	5 453	5 582
KVVZ 250-85-2200	862	2 310	3 499	3 878	4 008	4 102	KVVZ 350-85-2200	1 236	3 312	5 017	5 561	5 746	5 882
KVVZ 250-85-2300	908	2 432	3 685	4 084	4 220	4 320	KVVZ 350-85-2300	1 299	3 481	5 273	5 844	6 039	6 182
KVVZ 250-85-2400	953	2 555	3 871	4 290	4 433	4 538	KVVZ 350-85-2400	1 362	3 650	5 529	6 128	6 332	6 482
KVVZ 250-85-2500	999	2 678	4 057	4 496	4 646	4 756	KVVZ 350-85-2500	1 425	3 819	5 785	6 412	6 626	6 782
KVVZ 250-85-2600	1 045	2 800	4 243	4 702	4 859	4 974	KVVZ 350-85-2600	1 488	3 988	6 041	6 696	6 919	7 082
KVVZ 250-85-2700	1 091	2 923	4 428	4 908	5 072	5 192	KVVZ 350-85-2700	1 551	4 157	6 297	6 979	7 212	7 383
KVVZ 250-85-2800	1 137	3 046	4 614	5 114	5 285	5 410	KVVZ 350-85-2800	1 614	4 326	6 553	7 263	7 505	7 683
KVVZ 250-85-2900	1 182	3 169	4 800	5 320	5 498	5 628	KVVZ 350-85-2900	1 677	4 494	6 809	7 547	7 798	7 983
KVVZ 250-85-3000	1 228	3 291	4 986	5 526	5 710	5 846	KVVZ 350-85-3000	1 740	4 663	7 065	7 830	8 091	8 283
KVVZ 250-85-3100	1 274	3 414	5 172	5 732	5 923	6 063	KVVZ 350-85-3100	1 803	4 832	7 321	8 114	8 385	8 583
KVVZ 250-85-3200	1 320	3 537	5 358	5 938	6 136	6 281	KVVZ 350-85-3200	1 866	5 001	7 577	8 398	8 678	8 883
KVVZ 250-85-3300	1 365	3 659	5 543	6 144	6 349	6 499	KVVZ 350-85-3300	1 929	5 170	7 833	8 682	8 971	9 183
KVVZ 250-85-3400	1 411	3 782	5 729	6 350	6 562	6 717	KVVZ 350-85-3400	1 992	5 339	8 089	8 965	9 264	9 483
KVVZ 250-85-3500	1 457	3 905	5 915	6 556	6 775	6 935	KVVZ 350-85-3500	2 055	5 508	8 345	9 249	9 557	9 783
KVVZ 250-85-3600	1 503	4 027	6 101	6 762	6 988	7 153	KVVZ 350-85-3600	2 118	5 677	8 601	9 533	9 851	10 084
KVVZ 250-85-3700	1 548	4 150	6 287	6 968	7 200	7 371	KVVZ 350-85-3700	2 181	5 846	8 857	9 817	10 144	10 384
KVVZ 250-85-3800	1 594	4 273	6 473	7 174	7 413	7 589	KVVZ 350-85-3800	2 245	6 015	9 113	10 100	10 437	10 684
KVVZ 250-85-3900	1 640	4 395	6 659	7 380	7 626	7 807	KVVZ 350-85-3900	2 308	6 184	9 369	10 384	10 730	10 984
KVVZ 250-85-4000	1 686	4 518	6 844	7 586	7 839	8 024	KVVZ 350-85-4000	2 371	6 353	9 625	10 668	11 023	11 284
KVVZ 250-85-4100	1 732	4 641	7 030	7 792	8 052	8 242	KVVZ 350-85-4100	2 434	6 522	9 881	10 951	11 316	11 584
KVVZ 250-85-4200	1 777	4 763	7 216	7 998	8 265	8 460	KVVZ 350-85-4200	2 497	6 691	10 137	11 235	11 610	11 884
KVVZ 250-85-4300	1 823	4 886	7 402	8 204	8 478	8 678	KVVZ 350-85-4300	2 560	6 860	10 393	11 519	11 903	12 184
KVVZ 250-85-4400	1 869	5 009	7 588	8 410	8 690	8 896	KVVZ 350-85-4400	2 623	7 029	10 649	11 803	12 196	12 485
KVVZ 250-85-4500	1 915	5 131	7 774	8 616	8 903	9 114	KVVZ 350-85-4500	2 686	7 198	10 905	12 086	12 489	12 785
KVVZ 250-85-4600	1 960	5 254	7 959	8 822	9 116	9 332	KVVZ 350-85-4600	2 749	7 367	11 161	12 370	12 782	13 085
KVVZ 250-85-4700	2 006	5 377	8 145	9 028	9 329	9 550	KVVZ 350-85-4700	2 812	7 536	11 417	12 654	13 076	13 385
KVVZ 250-85-4800	2 052	5 499	8 331	9 234	9 542	9 768	KVVZ 350-85-4800	2 875	7 705	11 673	12 938	13 369	13 685

NOTE
The heat-exchanger can be dyed the same color as the convector's housing upon request.

HEAT PRODUCING CAPABILITY

Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70					
	Air consumption, m³/h					
	0	80	160	240	320	400
KVVZ 420-85-800	338	905	1 371	1 520	1 570	1 607
KVVZ 420-85-900	398	1 066	1 615	1 790	1 850	1 894
KVVZ 420-85-1000	458	1 228	1 860	2 061	2 130	2 180
KVVZ 420-85-1100	518	1 389	2 104	2 332	2 410	2 467
KVVZ 420-85-1200	578	1 550	2 348	2 603	2 689	2 753
KVVZ 420-85-1300	639	1 711	2 593	2 873	2 969	3 039
KVVZ 420-85-1400	699	1 873	2 837	3 144	3 249	3 326
KVVZ 420-85-1500	759	2 034	3 081	3 415	3 529	3 612
KVVZ 420-85-1600	819	2 195	3 325	3 686	3 809	3 899
KVVZ 420-85-1700	879	2 356	3 570	3 957	4 088	4 185
KVVZ 420-85-1800	939	2 518	3 814	4 227	4 368	4 472
KVVZ 420-85-1900	1 000	2 679	4 058	4 498	4 648	4 758
KVVZ 420-85-2000	1 060	2 840	4 303	4 769	4 928	5 044
KVVZ 420-85-2100	1 120	3 001	4 547	5 040	5 208	5 331
KVVZ 420-85-2200	1 180	3 163	4 791	5 310	5 487	5 617
KVVZ 420-85-2300	1 240	3 324	5 035	5 581	5 767	5 904
KVVZ 420-85-2400	1 300	3 485	5 280	5 852	6 047	6 190
KVVZ 420-85-2500	1 361	3 646	5 524	6 123	6 327	6 476
KVVZ 420-85-2600	1 421	3 808	5 768	6 393	6 607	6 763
KVVZ 420-85-2700	1 481	3 969	6 013	6 664	6 886	7 049
KVVZ 420-85-2800	1 541	4 130	6 257	6 935	7 166	7 336
KVVZ 420-85-2900	1 601	4 291	6 501	7 206	7 446	7 622
KVVZ 420-85-3000	1 661	4 453	6 745	7 476	7 726	7 908
KVVZ 420-85-3100	1 722	4 614	6 990	7 747	8 005	8 195
KVVZ 420-85-3200	1 782	4 775	7 234	8 018	8 285	8 481
KVVZ 420-85-3300	1 842	4 936	7 478	8 289	8 565	8 768
KVVZ 420-85-3400	1 902	5 098	7 723	8 560	8 845	9 054
KVVZ 420-85-4200	1 962	5 259	7 967	8 830	9 125	9 341
KVVZ 420-85-3600	2 022	5 420	8 211	9 101	9 404	9 627
KVVZ 420-85-3700	2 083	5 581	8 455	9 372	9 684	9 913
KVVZ 420-85-3800	2 143	5 743	8 700	9 643	9 964	10 200
KVVZ 420-85-3900	2 203	5 904	8 944	9 913	10 244	10 486
KVVZ 420-85-4000	2 263	6 065	9 188	10 184	10 524	10 773
KVVZ 420-85-4100	2 323	6 226	9 433	10 455	10 803	11 059
KVVZ 420-85-4200	2 383	6 388	9 677	10 726	11 083	11 345
KVVZ 420-85-4300	2 444	6 549	9 921	10 996	11 363	11 632
KVVZ 420-85-4400	2 504	6 710	10 166	11 267	11 643	11 918
KVVZ 420-85-4500	2 564	6 871	10 410	11 538	11 923	12 205
KVVZ 420-85-4600	2 624	7 033	10 654	11 809	12 202	12 491
KVVZ 420-85-4700	2 684	7 194	10 898	12 079	12 482	12 777
KVVZ 420-85-4800	2 745	7 355	11 143	12 350	12 762	13 064

NOTE
The heat-exchanger can be dyed the same color as the convector's housing upon request.

HEAT PRODUCING CAPABILITY

Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70					
	Air consumption, m³/h					
	0	80	160	240	320	400
KVVZ 350-105-800	400	1 072	1 624	1 800	1 860	1 904
KVVZ 350-105-900	473	1 268	1 920	2 128	2 199	2 251
KVVZ 350-105-1000	546	1 463	2 216	2 457	2 538	2 598
KVVZ 350-105-1100	619	1 659	2 513	2 785	2 878	2 946
KVVZ 350-105-1200	692	1 854	2 809	3 113	3 217	3 293
KVVZ 350-105-1300	765	2 050	3 105	3 441	3 556	3 640
KVVZ 350-105-1400	838	2 245	3 401	3 770	3 895	3 987
KVVZ 350-105-1500	911	2 441	3 697	4 098	4 235	4 335
KVVZ 350-105-1600	984	2 636	3 993	4 426	4 574	4 682
KVVZ 350-105-1700	1 057	2 832	4 290	4 754	4 913	5 029
KVVZ 350-105-1800	1 130	3 027	4 586	5 083	5 252	5 376
KVVZ 350-105-1900	1 202	3 223	4 882	5 411	5 591	5 724
KVVZ 350-105-2000	1 275	3 418	5 178	5 739	5 931	6 071
KVVZ 350-105-2100	1 348	3 614	5 474	6 068	6 270	6 418
KVVZ 350-105-2200	1 421	3 809	5 770	6 396	6 609	6 765
KVVZ 350-105-2300	1 494	4 005	6 067	6 724	6 948	7 113
KVVZ 350-105-2400	1 567	4 200	6 363	7 052	7 287	7 460
KVVZ 350-105-2500	1 640	4 396	6 659	7 381	7 627	7 807
KVVZ 350-105-2600	1 713	4 591	6 955	7 709	7 966	8 154
KVVZ 350-105-2700	1 786	4 787	7 251	8 037	8 305	8 502
KVVZ 350-105-2800	1 859	4 982	7 548	8 366	8 644	8 849
KVVZ 350-105-2900	1 932	5 178	7 844	8 694	8 984	9 196
KVVZ 350-105-3000	2 005	5 373	8 140	9 022	9 323	9 543
KVVZ 350-105-3100	2 078	5 569	8 436	9 350	9 662	9 891
KVVZ 350-105-3200	2 151	5 764	8 732	9 679	10 001	10 238
KVVZ 350-105-3300	2 224	5 960	9 028	10 007	10 340	10 585
KVVZ 350-105-3400	2 297	6 155	9 325	10 335	10 680	10 932
KVVZ 350-105-3500	2 370	6 351	9 621	10 663	11 019	11 280
KVVZ 350-105-3600	2 443	6 546	9 917	10 992	11 358	11 627
KVVZ 350-105-3700	2 516	6 742	10 213	11 320	11 697	11 974
KVVZ 350-105-3800	2 589	6 937	10 509	11 648	12 037	12 321
KVVZ 350-105-3900	2 661	7 133	10 805	11 977	12 376	12 669
KVVZ 350-105-4000	2 734	7 328	11 102	12 305	12 715	13 016
KVVZ 350-105-4100	2 807	7 524	11 398	12 633	13 054	13 363
KVVZ 350-105-4200	2 880	7 719	11 694	12 961	13 393	13 710
KVVZ 350-105-4300	2 953	7 915	11 990	13 290	13 733	14 057
KVVZ 350-105-4400	3 026	8 110	12 286	13 618	14 072	14 405
KVVZ 350-105-4500	3 099	8 306	12 583	13 946	14 411	14 752
KVVZ 350-105-4600	3 172	8 501	12 879	14 274	14 750	15 099
KVVZ 350-105-4700	3 245	8 697	13 175	14 603	15 089	15 446
KVVZ 350-105-4800	3 318	8 892	13 471	14 931	15 429	15 794

NOTE
The heat-exchanger can be dyed the same color as the convector's housing upon request.

HEAT PRODUCING CAPABILITY

Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70					
	Air consumption, m³/h					
	0	80	160	240	320	400
KVVZ 250-120-800	300	804	1 218	1 350	1 395	1 428
KVVZ 250-120-900	359	962	1 458	1 616	1 670	1 709
KVVZ 250-120-1000	418	1 121	1 698	1 882	1 944	1 990
KVVZ 250-120-1100	477	1 279	1 938	2 148	2 219	2 272
KVVZ 250-120-1200	536	1 437	2 177	2 413	2 494	2 553
KVVZ 250-120-1300	595	1 596	2 417	2 679	2 769	2 834
KVVZ 250-120-1400	654	1 754	2 657	2 945	3 043	3 115
KVVZ 250-120-1500	714	1 912	2 897	3 211	3 318	3 396
KVVZ 250-120-1600	773	2 071	3 137	3 477	3 593	3 678
KVVZ 250-120-1700	832	2 229	3 377	3 743	3 867	3 959
KVVZ 250-120-1800	891	2 387	3 616	4 008	4 142	4 240
KVVZ 250-120-1900	950	2 546	3 856	4 274	4 417	4 521
KVVZ 250-120-2000	1 009	2 704	4 096	4 540	4 691	4 802
KVVZ 250-120-2100	1 068	2 862	4 336	4 806	4 966	5 084
KVVZ 250-120-2200	1 127	3 021	4 576	5 072	5 241	5 365
KVVZ 250-120-2300	1 186	3 179	4 816	5 338	5 516	5 646
KVVZ 250-120-2400	1 245	3 337	5 056	5 603	5 790	5 927
KVVZ 250-120-2500	1 304	3 495	5 295	5 869	6 065	6 208
KVVZ 250-120-2600	1 363	3 654	5 535	6 135	6 340	6 490
KVVZ 250-120-2700	1 422	3 812	5 775	6 401	6 614	6 771
KVVZ 250-120-2800	1 482	3 970	6 015	6 667	6 889	7 052
KVVZ 250-120-2900	1 541	4 129	6 255	6 933	7 164	7 333
KVVZ 250-120-3000	1 600	4 287	6 495	7 198	7 438	7 614
KVVZ 250-120-3100	1 659	4 445	6 734	7 464	7 713	7 896
KVVZ 250-120-3200	1 718	4 604	6 974	7 730	7 988	8 177
KVVZ 250-120-3300	1 777	4 762	7 214	7 996	8 262	8 458
KVVZ 250-120-3400	1 836	4 920	7 454	8 262	8 537	8 739
KVVZ 250-120-3500	1 895	5 079	7 694	8 528	8 812	9 020
KVVZ 250-120-3600	1 954	5 237	7 934	8 793	9 087	9 302
KVVZ 250-120-3700	2 013	5 395	8 174	9 059	9 361	9 583
KVVZ 250-120-3800	2 072	5 554	8 413	9 325	9 636	9 864
KVVZ 250-120-3900	2 131	5 712	8 653	9 591	9 911	10 145
KVVZ 250-120-4000	2 190	5 870	8 893	9 857	10 185	10 426
KVVZ 250-120-4100	2 249	6 029	9 133	10 123	10 460	10 708
KVVZ 250-120-4200	2 309	6 187	9 373	10 388	10 735	10 989
KVVZ 250-120-4300	2 368	6 345	9 613	10 654	11 009	11 270
KVVZ 250-120-4400	2 427	6 504	9 852	10 920	11 284	11 551
KVVZ 250-120-4500	2 486	6 662	10 092	11 186	11 559	11 832
KVVZ 250-120-4600	2 545	6 820	10 332	11 452	11 834	12 114
KVVZ 250-120-4700	2 604	6 979	10 572	11 718	12 108	12 395
KVVZ 250-120-4800	2 663	7 137	10 812	11 984	12 383	12 676

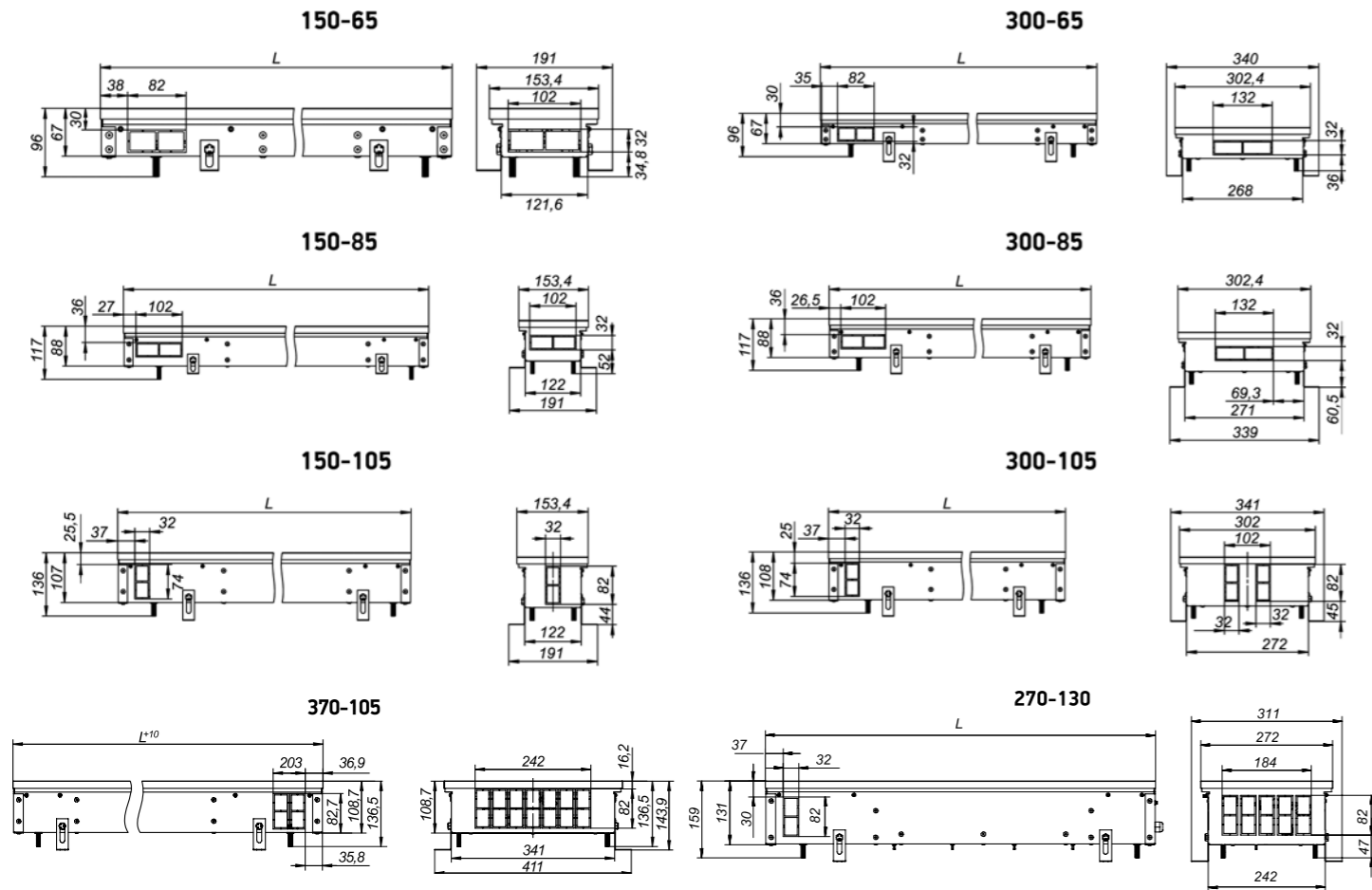
NOTE
The heat-exchanger can be dyed the same color as the convector's housing upon request.

HEAT PRODUCING CAPABILITY

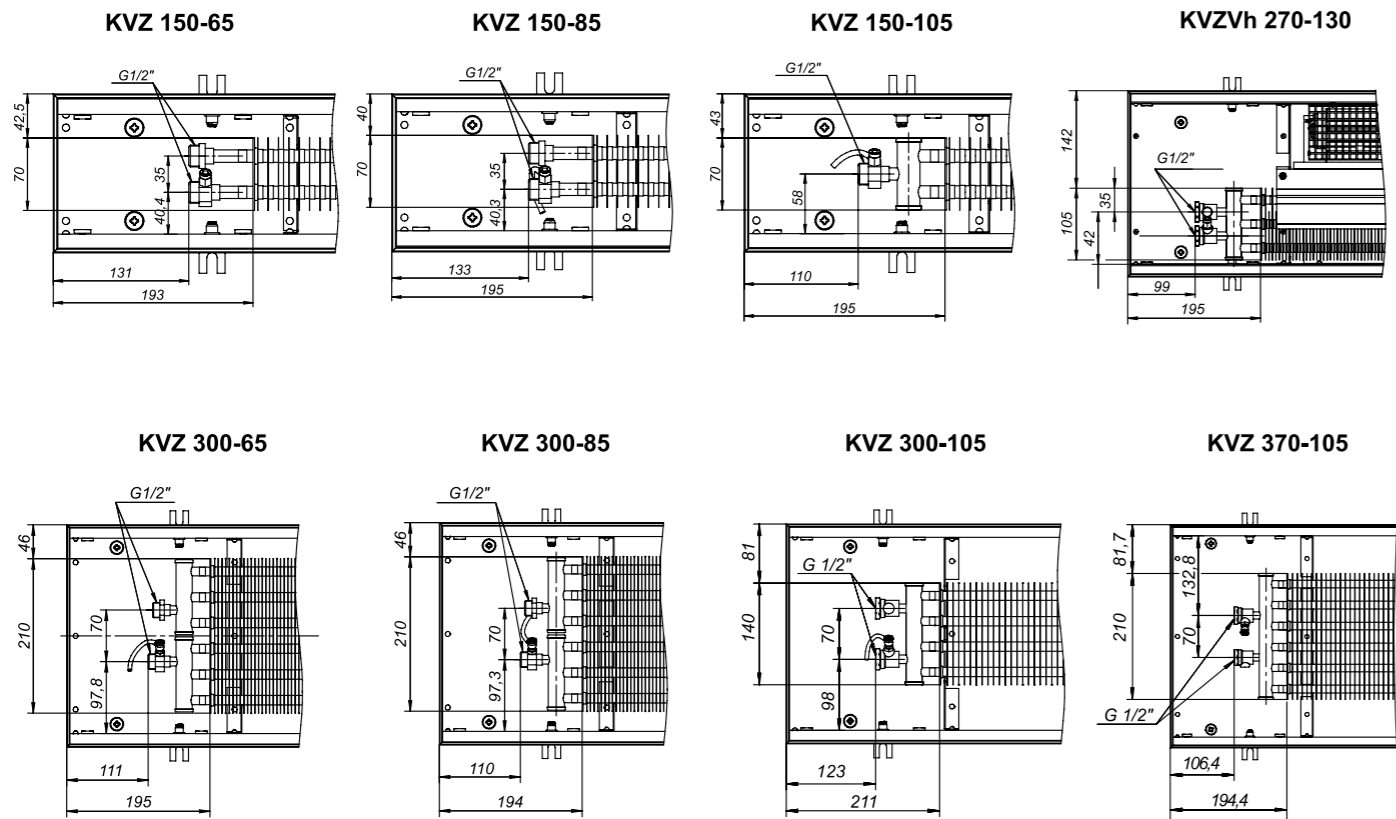
Width Depth Length (mm)	Capacity, W, 95/85 °C, Δ T=70					
	Air consumption, m³/h					
	0	80	160	240	320	400
KVVZ 420-120-800	448	1 200	1 818	2 015	2 082	2 131
KVVZ 420-120-900	523	1 402	2 124	2 354	2 433	2 490
KVVZ 420-120-1000	599	1 604	2 431	2 694	2 784	2 850
KVVZ 420-120-1100	674	1 807	2 737	3 034	3 135	3 209
KVVZ 420-120-1200	750	2 009	3 044	3 373	3 486	3 568
KVVZ 420-120-1300	825	2 211	3 350	3 713	3 837	3 928
KVVZ 420-120-1400	901	2 414	3 657	4 053	4 188	4 287
KVVZ 420-120-1500	976	2 616	3 963	4 393	4 539	4 646
KVVZ 420-120-1600	1 052	2 818	4 270	4 732	4 890	5 006
KVVZ 420-120-1700	1 127	3 021	4 576	5 072	5 241	5 365
KVVZ 420-120-1800	1 203	3 223	4 882	5 412	5 592	5 724
KVVZ 420-120-1900	1 278	3 425	5 189	5 751	5 943	6 084
KVVZ 420-120-2000	1 354	3 628	5 495	6 091	6 294	6 443
KVVZ 420-120-2100	1 429	3 830	5 802	6 431	6 645	6 802
KVVZ 420-120-2200	1 505	4 032	6 108	6 770	6 996	7 162
KVVZ 420-120-2300	1 580	4 234	6 415	7 110	7 347	7 521
KVVZ 420-120-2400	1 656	4 437	6 721	7 450	7 698	7 880
KVVZ 420-120-2500	1 731	4 639	7 028	7 789	8 049	8 240
KVVZ 420-120-2600	1 806	4 841	7 334	8 129	8 400	8 599
KVVZ 420-120-2700	1 882	5 044	7 641	8 469	8 751	8 958
KVVZ 420-120-2800	1 957	5 246	7 947	8 809	9 102	9 317
KVVZ 420-120-2900	2 033	5 448	8 254	9 148	9 453	9 677
KVVZ 420-120-3000	2 108	5 651	8 560	9 488	9 804	10 036
KVVZ 420-120-3100	2 184	5 853	8 867	9 828	10 155	10 395
KVVZ 420-120-3200	2 259	6 055	9 173	10 167	10 506	10 755
KVVZ 420-120-3300	2 335	6 258	9 480	10 507	10 857	11 114
KVVZ 420-120-3400	2 410	6 460	9 786	10 847	11 208	11 473
KVVZ 420-120-4200	2 486	6 662	10 093	11 186	11 559	11 833
KVVZ 420-120-3600	2 561	6 864	10 399	11 526	11 910	12 192
KVVZ 420-120-3700	2 637	7 067	10 706	11 866	12 261	12 551
KVVZ 420-120-3800	2 712	7 269	11 012	12 205	12 612	12 911
KVVZ 420-120-3900	2 788	7 471	11 319	12 545	12 963	13 270
KVVZ 420-120-4000	2 863	7 674	11 625	12 885	13 314	13 629
KVVZ 420-120-4100	2 939	7 876	11 931	13 225	13 665	13 989
KVVZ 420-120-4200	3 014	8 078	12 238	13 564	14 016	14 348
KVVZ 420-120-4300	3 090	8 281	12 544	13 904	14 367	14 707
KVVZ 420-120-4400	3 165	8 483	12 851	14 244	14 718	15 067
KVVZ 420-120-4500	3 241	8 685	13 157	14 583	15 069	15 426
KVVZ 420-120-4600	3 316	8 887	13 464	14 923	15 420	15 785
KVVZ 420-120-4700	3 392	9 090	13 770	15 263	15 771	16 145
KVVZ 420-120-4800	3 467	9 292	14 077	15 602	16 123	16 504

NOTE
The heat-exchanger can be dyed the same color as the convector's housing upon request.

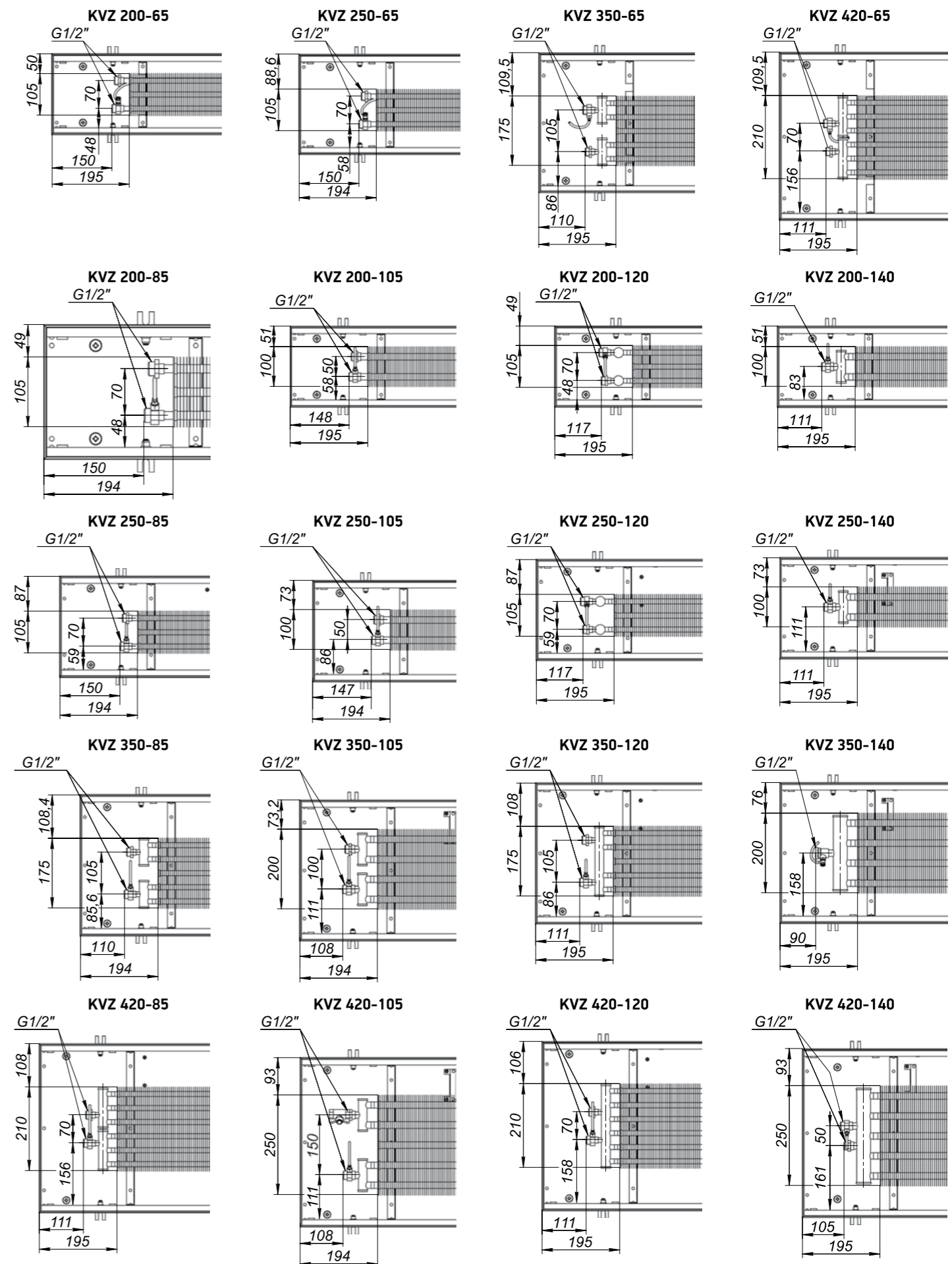
MOUNTING DIMENSIONS TECHNO POWER / POWER VENT



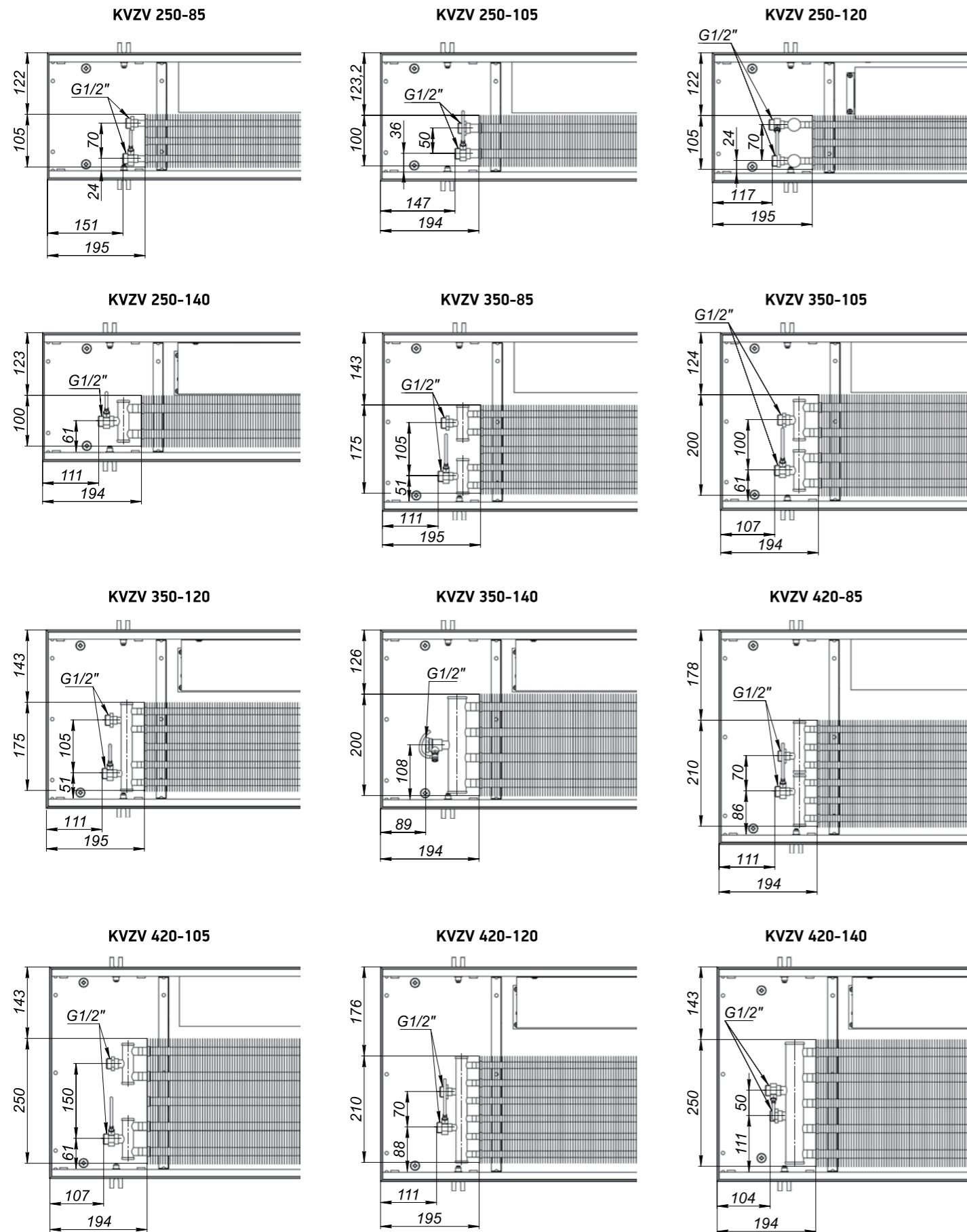
CONVECTORS KVZ, KVZvh MOUNTING DIMENSIONS



CONVECTORS KVZ, MOUNTING DIMENSIONS



CONVECTORS KVZV MOUNTING DIMENSIONS



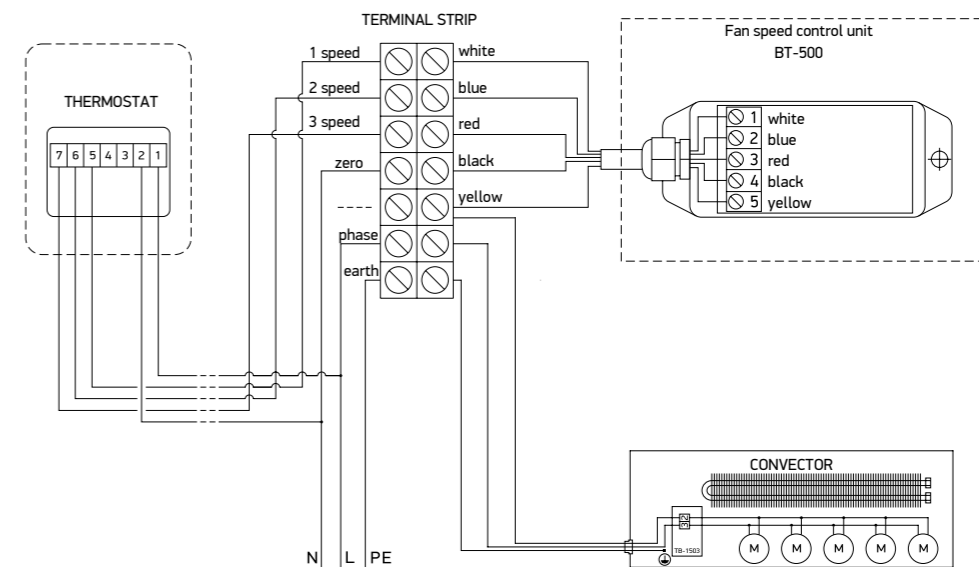
REGULATING UNITS AND THERMOSTATS.

3 models of regulating unit and 3 models of thermostat to control fan speed and room temperature are available as a complementary option to forced-convection convectors.

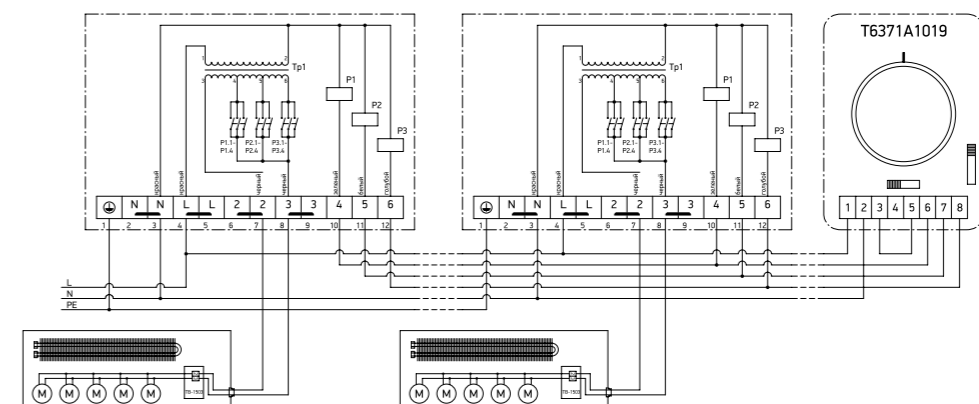


CONNECTION LAYOUTS TO THE THERMOSTAT

Connection layout to connect convectors to E51.42/E91.42, Siemens RAB 11.1, Siemens RDF 310.2 thermostats with three-stage fan speed control using BT-500 unit.



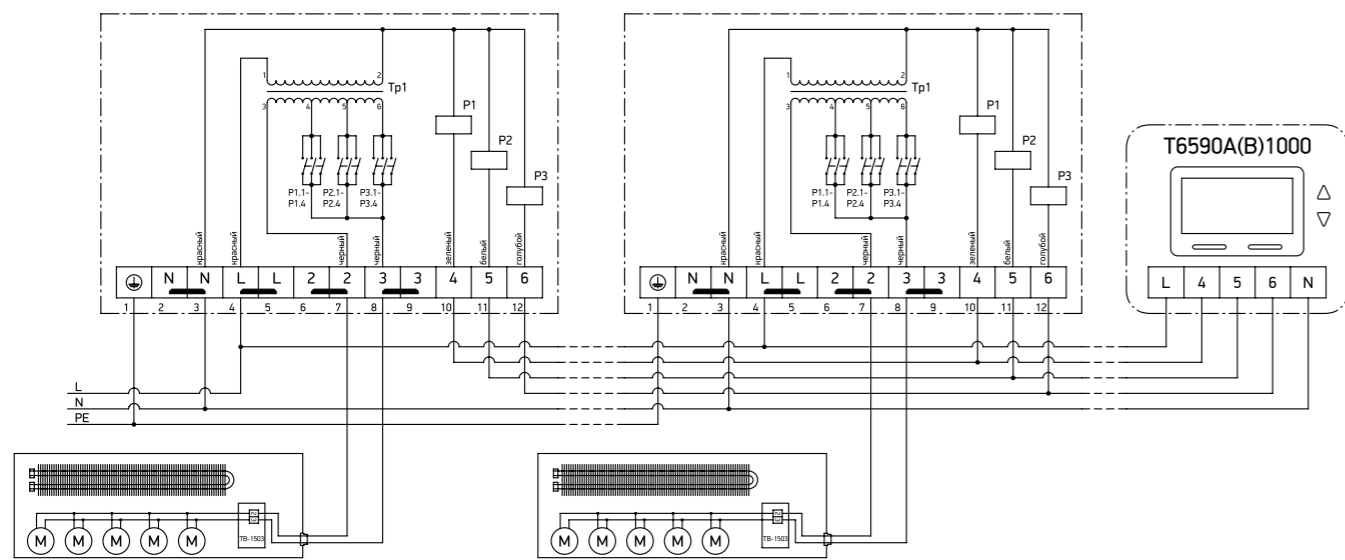
Connection layout to connect convectors to T6371A1019 thermostat with three-stage fan speed control.



- 220 VAC fan transformer:
 - Tp1 - 172BA
 - U1-2 ~ 230 VAC
 - U3-4 ~ 140 VAC
 - U3-5 ~ 180 VAC
 - U3-6 ~ 230 VAC
 - 12 VAC fan transformer:
 - Tp1 - 90BA
 - U1-2 ~ 230 VAC
 - U3-4 ~ 6 VAC
 - U3-5 ~ 9 VAC
 - U3-6 ~ 12 VAC
- P1, P2, P3 relay.

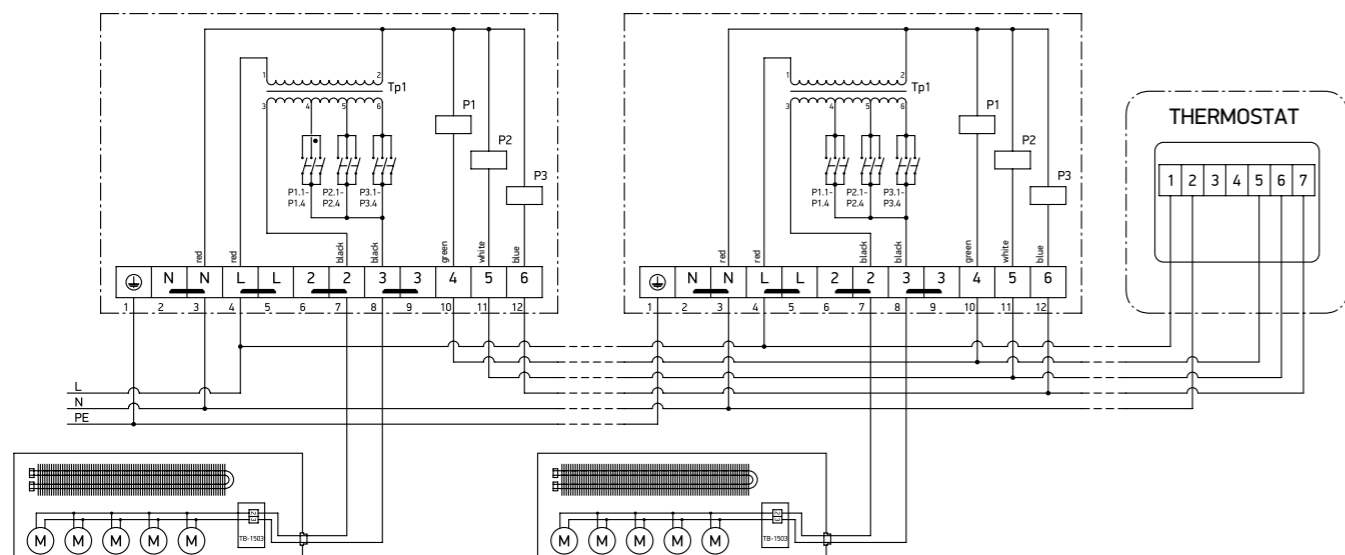
CONNECTION LAYOUTS TO THE THERMOSTAT

Connection layout to connect convectors to T6590A(B)1000 thermostat with three-stage fan speed control.



220 VAC fan transformer: 12 VAC fan transformer:
 Tp1 - 172BA Tp1 - 90BA
 U1-2 ~ 230 VAC U1-2 ~ 230 VAC
 U3-4 ~ 140 VAC U3-4 ~ 6 VAC
 U3-5 ~ 180 VAC U3-5 ~ 9 VAC
 U3-6 ~ 230 VAC U3-6 ~ 12 VAC
 P1, P2, P3 relay.

Connection layout to connect convectors to E51.42/E91.42, Siemens RAB 11.1, Siemens RDF 310.2 thermostats with three-stage fan speed control.

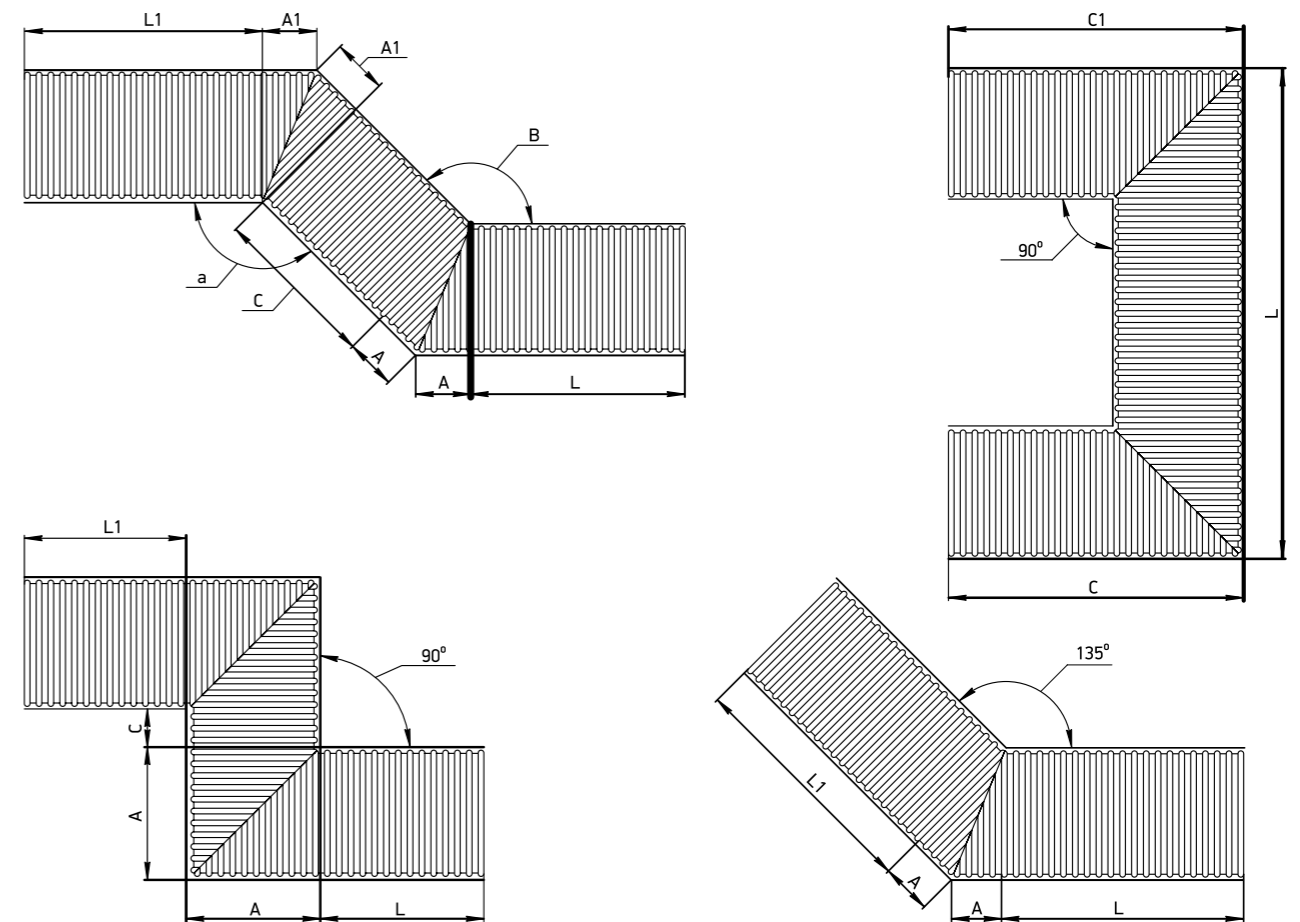


220 VAC fan transformer: 12 VAC fan transformer:
 Tp1 - 172BA Tp1 - 90BA
 U1-2 ~ 230 VAC U1-2 ~ 230 VAC
 U3-4 ~ 140 VAC U3-4 ~ 6 VAC
 U3-5 ~ 180 VAC U3-5 ~ 9 VAC
 U3-6 ~ 230 VAC U3-6 ~ 12 VAC
 P1, P2, P3 relay.

CUSTOM-DESIGN BUILT-IN CONVECTORS

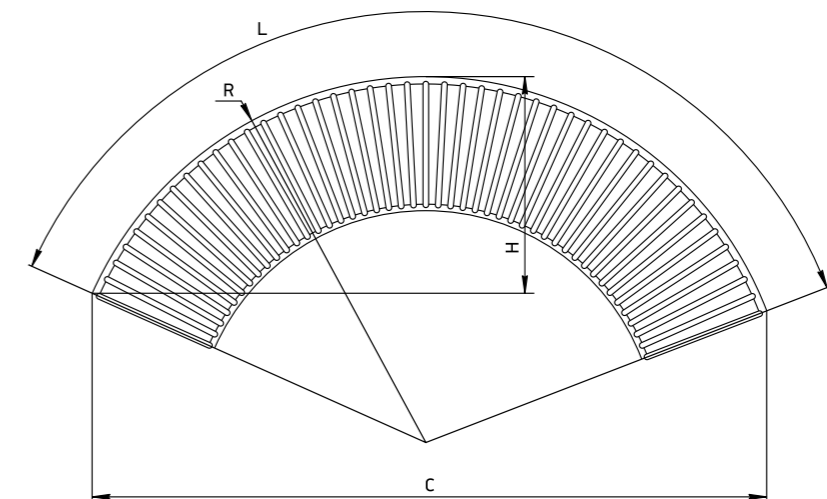
Corner and radial convectors are custom designed on a client's individual request. For every custom-design project the precise dimensions are crucial.

Corner convectors



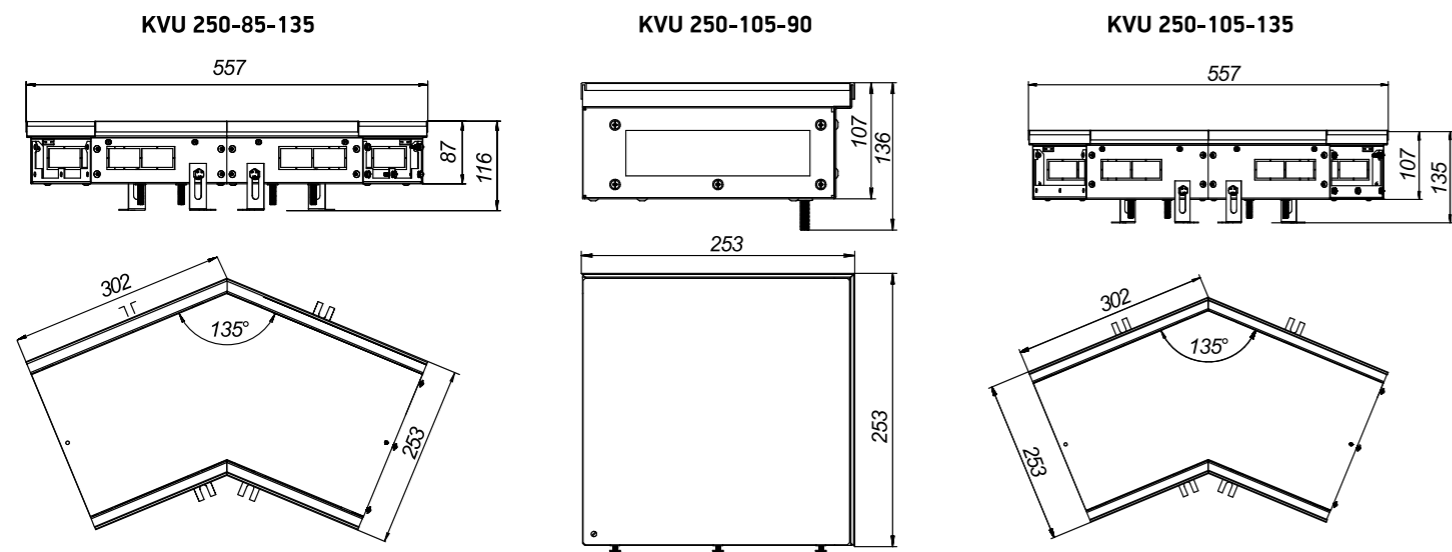
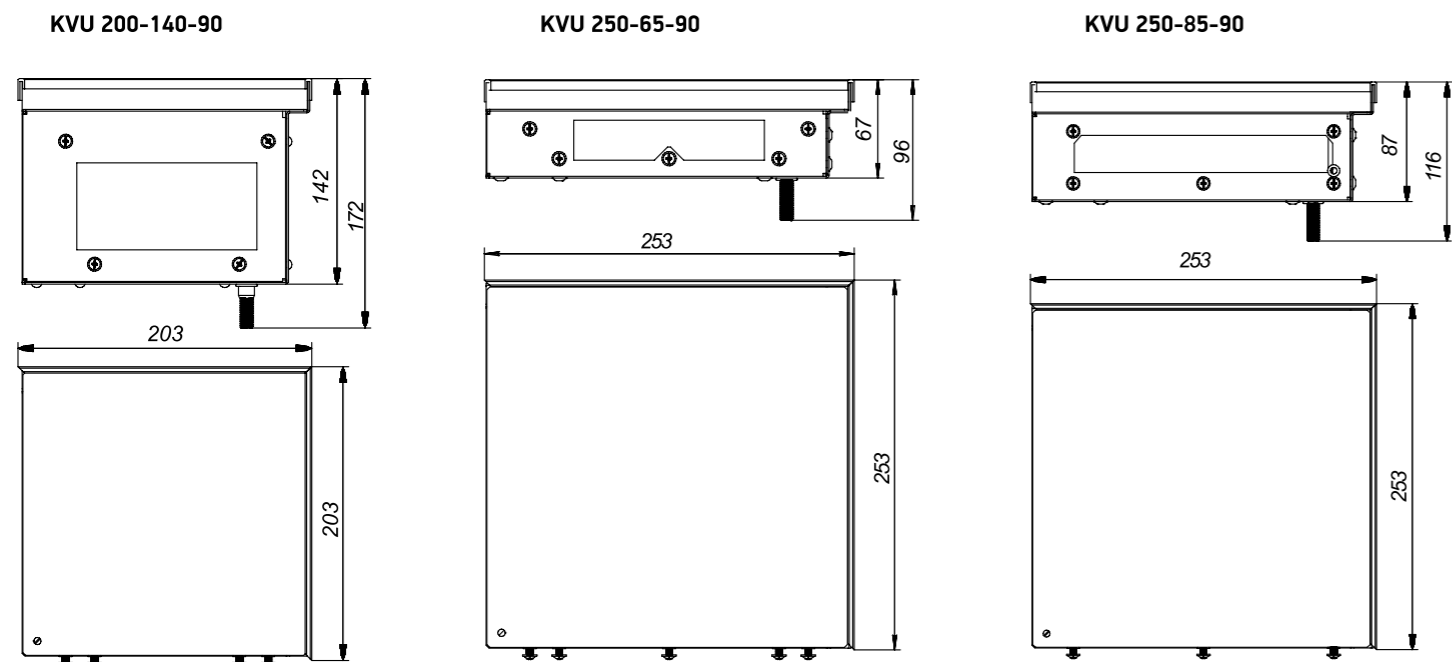
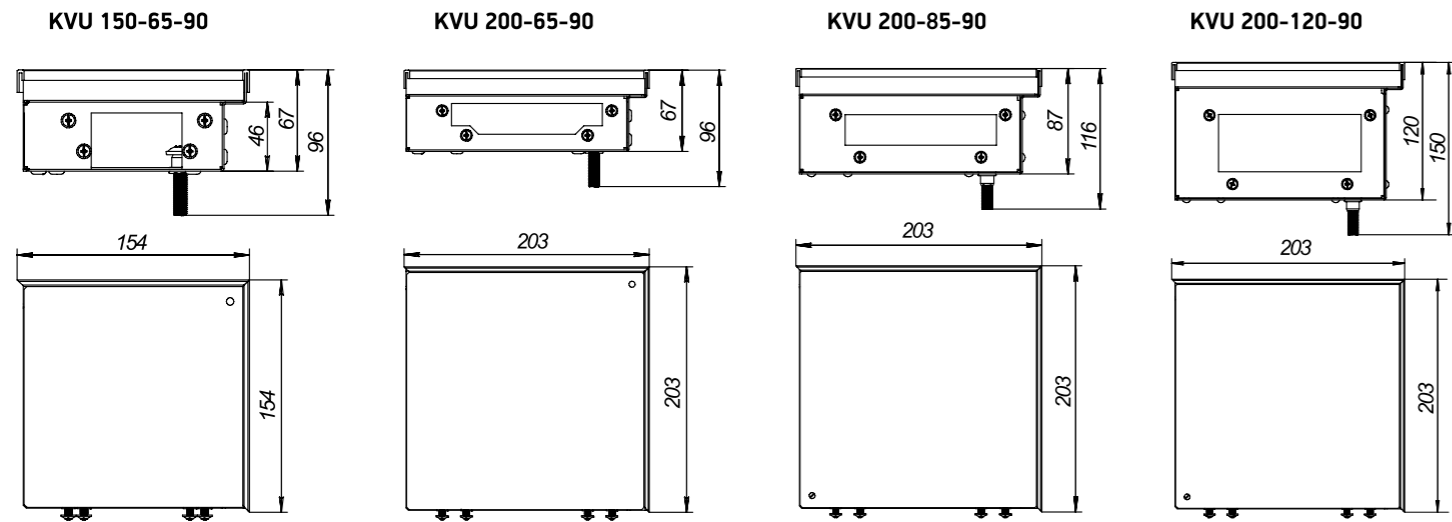
To manufacture a corner convector, a layout with width and length of convector sides and included angle should be provided.

Radial convectors

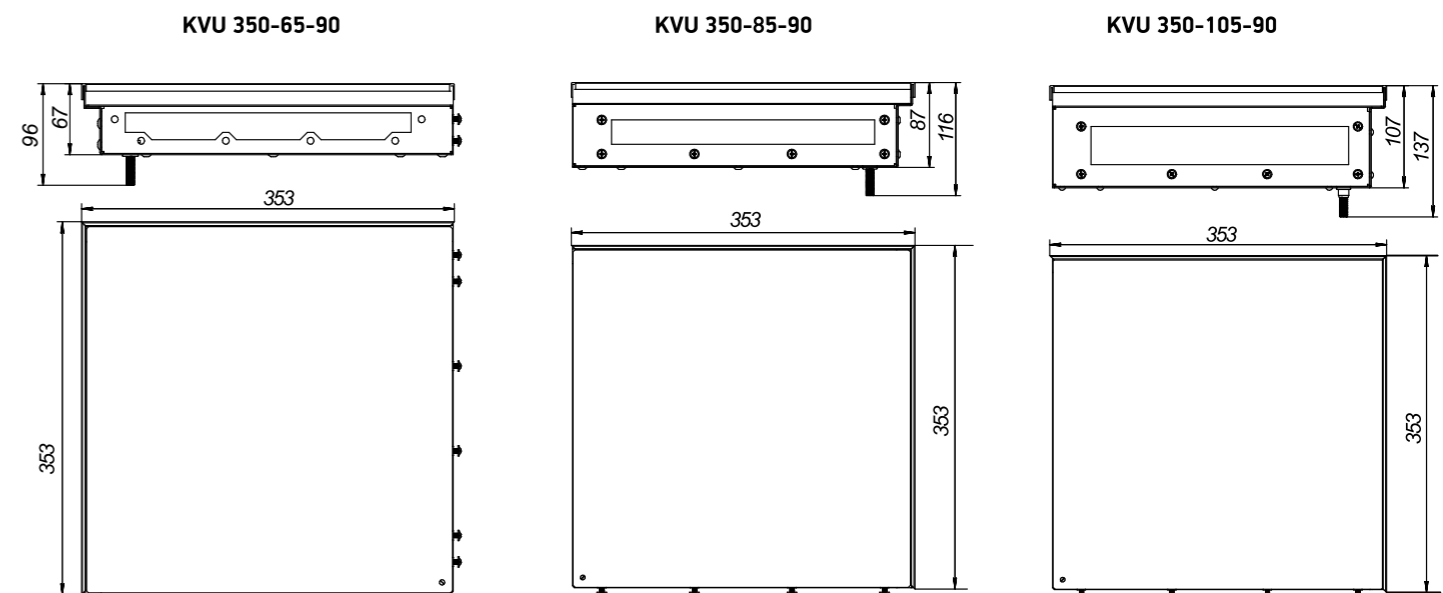
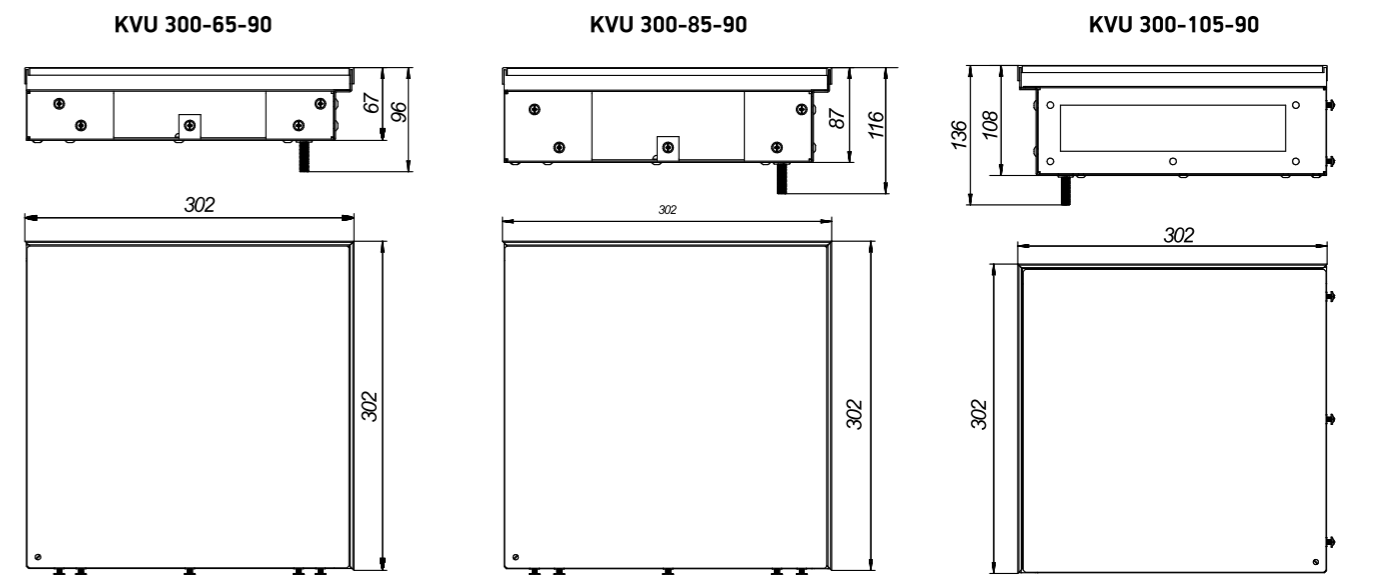
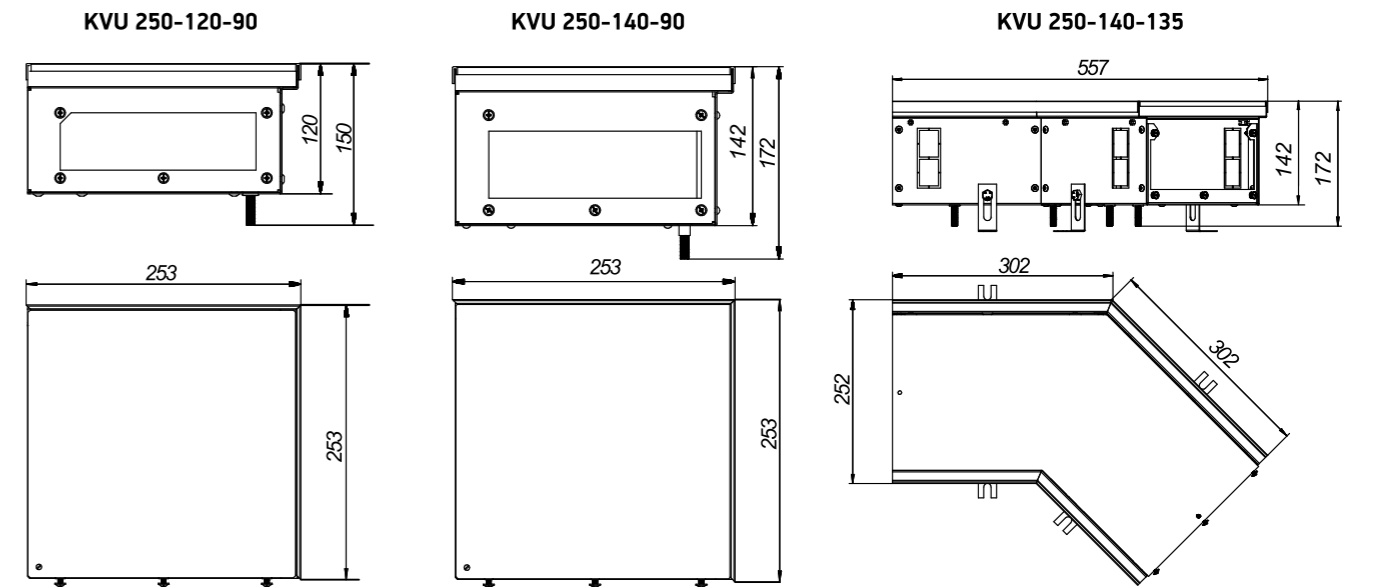


For a radial convector we'll provide you with a standard questionnaire to fill in.

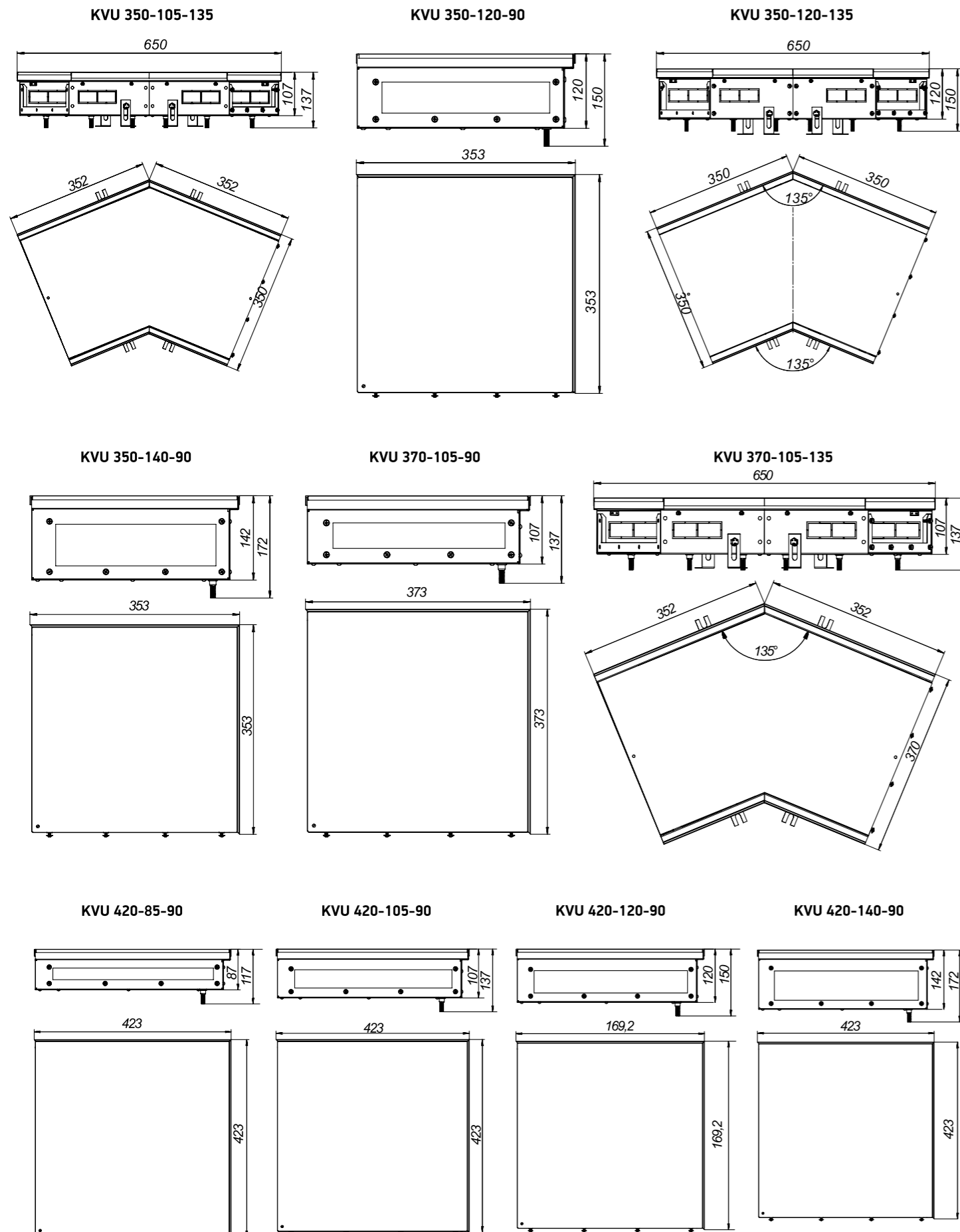
MOUNTING DIMENSIONS OF ANGULAR ELEMENTS



MOUNTING DIMENSIONS OF ANGULAR ELEMENTS



MOUNTING DIMENSIONS OF ANGULAR ELEMENTS



DECORATIVE GRILLES FOR BUILT-IN CONVECTORS

A decorative grille is a perfect match of practical and original design.

The convector's grille is made of anodized aluminium to ensure its resistance to corrosion and mechanical wear. Optimal spacing of grille plates (12mm) provides high heat transfer while making the convector aesthetically pleasing.

Our standard design features anodized aluminium grilles of different colours: silver, gold, bronze, white (RAL 9016), brown (RAL 8017), black (RAL 9005), as well as lightwood and darkwood. Wooden grille is made of hard finewood.

LENGTHWISE AND ROLL-UP GRILLE OF ANY COLOUR ACCORDING TO RAL CAN BE MANUFACTURED UPON REQUEST.

Color palette:



Silver

Gold

Bronze



White (RAL 9016)

Brown (RAL 8017)

Black (RAL 9005)



Light wood

Dark wood

CONVECTORS

FLOOR



APPLICATION

Techno Vita KPZ-series floor-standing natural convectors are current ergonomic heating appliances intended for floor (wall) mounting. Ideal for rooms with floor-to-ceiling glazing, low window-sills, large and show windows. A wide range of sizes provides a perfect choice of the most appropriate Techno Vita floor convector for any type of room.

Radial floor-standing convectors are manufactured to order.

OPERATING PARAMETERS

Techno Vita convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.

TECHO VITA CONVECTORS' CONVENTIONAL IDENTIFICATION SCHEME:

	Convector	XXX	XXX-XXX-XXXX	XX	X/C
Type of convector:	_____	_____	_____	_____	_____
KP – floor-standing convector					
Structural design:	_____	_____	_____	_____	_____
Z – closed					
P – straight-way					
Overall dimensions, mm :					
Width _____					
Depth _____					
Length _____					
Design:					
For KPZ: 00 – connection «on the underside»					
01 – connection «on the side»					
02 – connection with thermostat valve					
For KPP: 00 – connection «on the underside – on the underside»					
01 – connection «on the underside – on the side»					
02 – connection with thermostat valve «on the underside – on the underside»					
03 – connection «on the side – on the side»					
031 – «one inlet – one outlet»					
04 - connection with thermostat valve «on the underside – on the side»					
Without designation: Heat exchanger height 200 mm (for H=250, 400), 100 mm (for H=130, 180) and 50 mm (for H=80)					
1 – Heat exchanger height 50 mm					
2 – Heat exchanger height 100 mm					
C – Mounting kit to fasten convector to the wall _____					

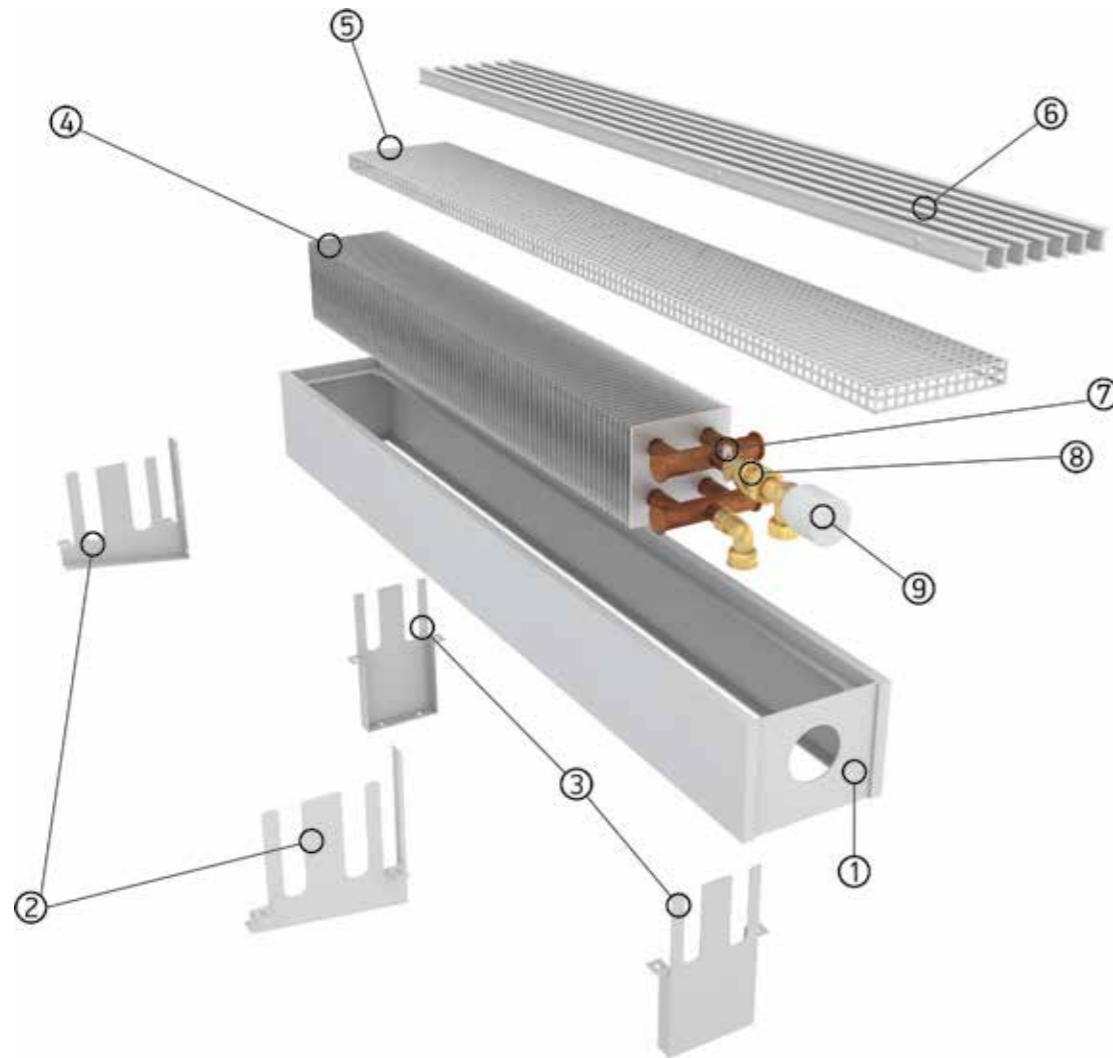
FEATURES:

- + To prevent corrosion, all parts of the convector housing are made of high-quality galvanized steel sheets with wear-resistant powder coating.
- + The heat exchanger tube is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2" has an air blow valve.

BASIC SET:

- + Heat exchanger with G1/2" internal thread connection.
- + Wear-resistant powder coated galvanised steel casing.
- + A set of mounting brackets (wall/floor).
- + Thermostatic accessories (option).
- + Perforated grille, lengthwise anodized aluminium grille (option).
- + Certificate, installation and user manual.

CONVECTOR DESIGN



1. Convector's casing.
2. Wall mounting brackets.
3. Floormounting brackets.
4. Heat exchanger.
5. Perforated grille.
6. Lengthwise aluminium grille (option).
7. Air bleeder.
8. Thermostat valve (option).
9. Thermostatic head (option).

HEAT PRODUCING CAPABILITY

Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm
KPZ 85-130-400	257	50*100	KPZ 85-180-400	275	50*100	KPZ 85-250-400	377	50*200	KPZ 85-250-400-2	289	50*100
KPZ 85-130-500	323	50*100	KPZ 85-180-500	346	50*100	KPZ 85-250-500	470	50*200	KPZ 85-250-500-2	363	50*100
KPZ 85-130-600	387	50*100	KPZ 85-180-600	414	50*100	KPZ 85-250-600	560	50*200	KPZ 85-250-600-2	435	50*100
KPZ 85-130-700	451	50*100	KPZ 85-180-700	483	50*100	KPZ 85-250-700	651	50*200	KPZ 85-250-700-2	507	50*100
KPZ 85-130-800	515	50*100	KPZ 85-180-800	552	50*100	KPZ 85-250-800	741	50*200	KPZ 85-250-800-2	579	50*100
KPZ 85-130-900	580	50*100	KPZ 85-180-900	620	50*100	KPZ 85-250-900	831	50*200	KPZ 85-250-900-2	651	50*100
KPZ 85-130-1000	644	50*100	KPZ 85-180-1000	689	50*100	KPZ 85-250-1000	922	50*200	KPZ 85-250-1000-2	723	50*100
KPZ 85-130-1100	708	50*100	KPZ 85-180-1100	758	50*100	KPZ 85-250-1100	1012	50*200	KPZ 85-250-1100-2	795	50*100
KPZ 85-130-1200	772	50*100	KPZ 85-180-1200	826	50*100	KPZ 85-250-1200	1102	50*200	KPZ 85-250-1200-2	867	50*100
KPZ 85-130-1300	836	50*100	KPZ 85-180-1300	895	50*100	KPZ 85-250-1300	1193	50*200	KPZ 85-250-1300-2	940	50*100
KPZ 85-130-1400	900	50*100	KPZ 85-180-1400	963	50*100	KPZ 85-250-1400	1283	50*200	KPZ 85-250-1400-2	1012	50*100
KPZ 85-130-1500	965	50*100	KPZ 85-180-1500	1032	50*100	KPZ 85-250-1500	1374	50*200	KPZ 85-250-1500-2	1084	50*100
KPZ 85-130-1600	1029	50*100	KPZ 85-180-1600	1101	50*100	KPZ 85-250-1600	1464	50*200	KPZ 85-250-1600-2	1156	50*100
KPZ 85-130-1700	1093	50*100	KPZ 85-180-1700	1172	50*100	KPZ 85-250-1700	1558	50*200	KPZ 85-250-1700-2	1254	50*100
KPZ 85-130-1800	1157	50*100	KPZ 85-180-1800	1254	50*100	KPZ 85-250-1800	1666	50*200	KPZ 85-250-1800-2	1342	50*100
KPZ 85-130-1900	1221	50*100	KPZ 85-180-1900	1335	50*100	KPZ 85-250-1900	1773	50*200	KPZ 85-250-1900-2	1428	50*100
KPZ 85-130-2000	1285	50*100	KPZ 85-180-2000	1417	50*100	KPZ 85-250-2000	1881	50*200	KPZ 85-250-2000-2	1516	50*100
KPZ 85-130-2100	1350	50*100	KPZ 85-180-2100	1498	50*100	KPZ 85-250-2100	1987	50*200	KPZ 85-250-2100-2	1602	50*100
KPZ 85-130-2200	1414	50*100	KPZ 85-180-2200	1580	50*100	KPZ 85-250-2200	2095	50*200	KPZ 85-250-2200-2	1690	50*100
KPZ 85-130-2300	1478	50*100	KPZ 85-180-2300	1660	50*100	KPZ 85-250-2300	2202	50*200	KPZ 85-250-2300-2	1777	50*100
KPZ 85-130-2400	1542	50*100	KPZ 85-180-2400	1743	50*100	KPZ 85-250-2400	2310	50*200	KPZ 85-250-2400-2	1865	50*100

Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm
KPZ 85-400-400	418	50*200	KPZ 85-400-400-2	392	50*100	KPZ 135-80-400	323	100x50	KPZ 135-130-400	367	100*100
KPZ 85-400-500	532	50*200	KPZ 85-400-500-2	489	50*100	KPZ 135-80-500	395	100x50	KPZ 135-130-500	457	100*100
KPZ 85-400-600	643	50*200	KPZ 85-400-600-2	583	50*100	KPZ 135-80-600	465	100x50	KPZ 135-130-600	545	100*100
KPZ 85-400-700	754	50*200	KPZ 85-400-700-2	677	50*100	KPZ 135-80-700	536	100x50	KPZ 135-130-700	634	100*100
KPZ 85-400-800	865	50*200	KPZ 85-400-800-2	771	50*100	KPZ 135-80-800	606	100x50	KPZ 135-130-800	722	100*100
KPZ 85-400-900	976	50*200	KPZ 85-400-900-2	865	50*100	KPZ 135-80-900	677	100x50	KPZ 135-130-900	811	100*100
KPZ 85-400-1000	1087	50*200	KPZ 85-400-1000-2	959	50*100	KPZ 135-80-1000	747	100x50	KPZ 135-130-1000	899	100*100
KPZ 85-400-1100	1198	50*200	KPZ 85-400-1100-2	1053	50*100	KPZ 135-80-1100	818	100x50	KPZ 135-130-1100	988	100*100
KPZ 85-400-1200	1309	50*200	KPZ 85-400-1200-2	1147	50*100	KPZ 135-80-1200	894	100x50	KPZ 135-130-1200	1076	100*100
KPZ 85-400-1300	1420	50*200	KPZ 85-400-1300-2	1241	50*100	KPZ 135-80-1300	958	100x50	KPZ 135-130-1300	1165	100*100
KPZ 85-400-1400	1531	50*200	KPZ 85-400-1400-2	1335	50*100	KPZ 135-80-1400	1034	100x50	KPZ 135-130-1400	1253	100*100
KPZ 85-400-1500	1642	50*200	KPZ 85-400-1500-2	1429	50*100	KPZ 135-80-1500	1115	100x50	KPZ 135-130-1500	1342	100*100
KPZ 85-400-1600	1753	50*200	KPZ 85-400-1600-2	1523	50*100	KPZ 135-80-1600	1203	100x50	KPZ 135-130-1600	1430	100*100
KPZ 85-400-1700	1864	50*200	KPZ 85-400-1700-2	1620	50*100	KPZ 135-80-1700	1268	100x50	KPZ 135-130-1700	1522	100*100
KPZ 85-400-1800	1976	50*200	KPZ 85-400-1800-2	1733	50*100	KPZ 135-80-1800	1350	100x50	KPZ 135-130-1800	1628	100*100
KPZ 85-400-1900	2087	50*200	KPZ 85-400-1900-2	1843	50*100	KPZ 135-80-1900	1432	100x50	KPZ 135-130-1900	1732	100*100
KPZ 85-400-2000	2198	50*200	KPZ 85-400-2000-2	1956	50*100	KPZ 135-80-2000	1513	100x50	KPZ 135-130-2000	1838	100*100
KPZ 85-400-2100	2309	50*200	KPZ 85-400-2100-2	2067	50*100	KPZ 135-80-2100	1601	100x50	KPZ 135-130-2100	1942	100*100
KPZ 85-400-2200	2420	50*200	KPZ 85-400-2200-2	2179	50*100	KPZ 135-80-2200	1691	100x50	KPZ 135-130-2200	2048	100*100
KPZ 85-400-2300	2531	50*200	KPZ 85-400-2300-2	2290	50*100	KPZ 135-80-2300	1781	100x50	KPZ 135-130-2300	2152	100*100
KPZ 85-400-2400	2642	50*200	KPZ 85-400-2400-2	2402	50*100	KPZ 135-80-2400	1876	100x50	KPZ 135-130-2400	2258	100*100

NOTE

*When ordering the KPP convector (straight-way) the price of manifolds and additional fittings should be added to the KPZ convector price (closed-type make).
 ** The height of the convector is indicated excluding feet (basic design includes 100mm feet, possibility to provide 60mm feet).
 *** The heat exchanger can be dyed in the casing color (+10% to the convector price).

HEAT PRODUCING CAPABILITY

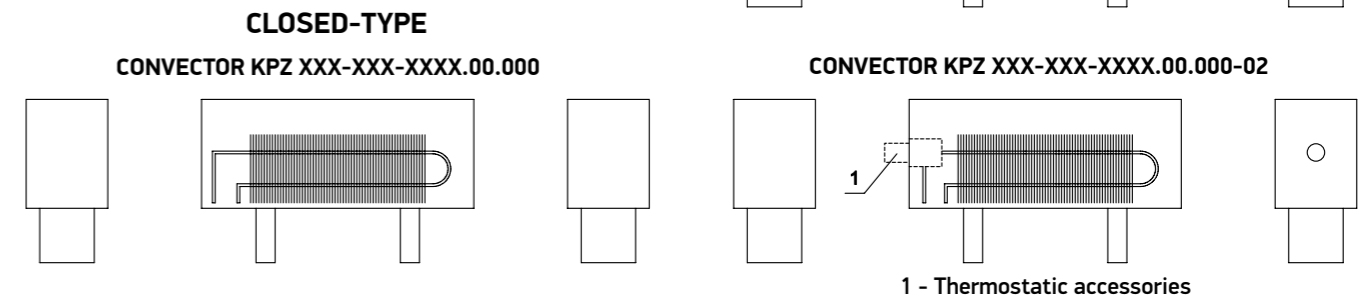
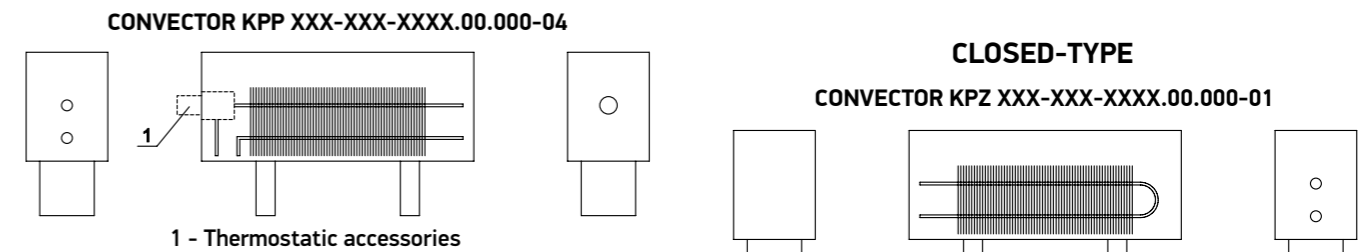
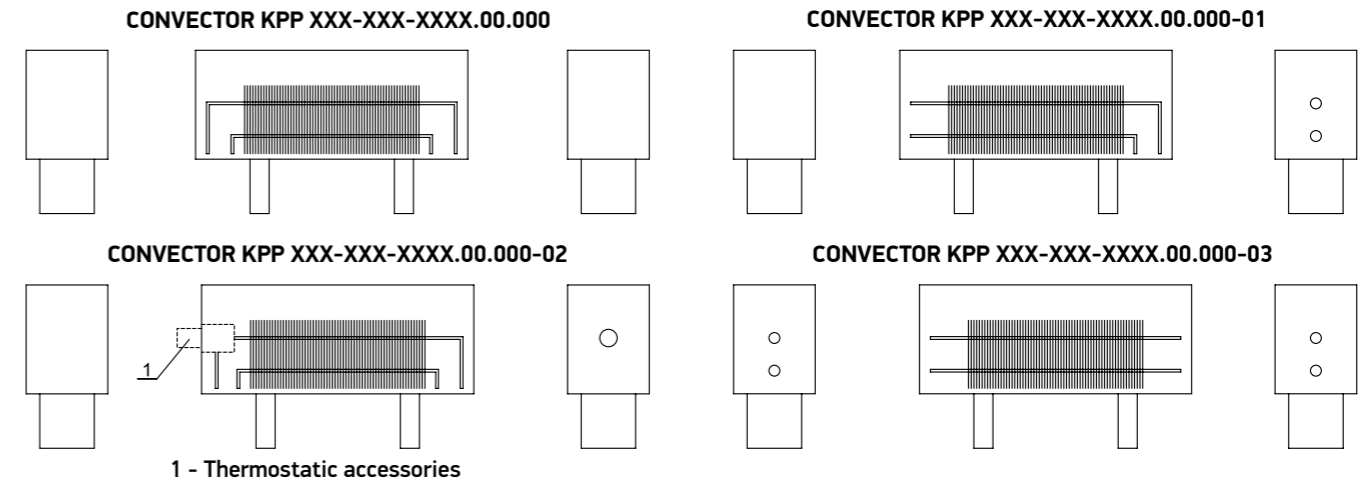
Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm
KPZ 235-80-400	672	200*50	KPZ 235-130-400	840	200*100	KPZ 235-180-400	919	200*100	KPZ 235-250-400	1285	200*200
KPZ 235-80-500	842	200*50	KPZ 235-130-500	1048	200*100	KPZ 235-180-500	1150	200*100	KPZ 235-250-500	1606	200*200
KPZ 235-80-600	1011	200*50	KPZ 235-130-600	1254	200*100	KPZ 235-180-600	1378	200*100	KPZ 235-250-600	1924	200*200
KPZ 235-80-700	1179	200*50	KPZ 235-130-700	1460	200*100	KPZ 235-180-700	1606	200*100	KPZ 235-250-700	2241	200*200
KPZ 235-80-800	1347	200*50	KPZ 235-130-800	1665	200*100	KPZ 235-180-800	1835	200*100	KPZ 235-250-800	2559	200*200
KPZ 235-80-900	1516	200*50	KPZ 235-130-900	1871	200*100	KPZ 235-180-900	2063	200*100	KPZ 235-250-900	2877	200*200
KPZ 235-80-1000	1684	200*50	KPZ 235-130-1000	2077	200*100	KPZ 235-180-1000	2291	200*100	KPZ 235-250-1000	3194	200*200
KPZ 235-80-1100	1853	200*50	KPZ 235-130-1100	2283	200*100	KPZ 235-180-1100	2520	200*100	KPZ 235-250-1100	3512	200*200
KPZ 235-80-1200	2021	200*50	KPZ 235-130-1200	2489	200*100	KPZ 235-180-1200	2748	200*100	KPZ 235-250-1200	3830	200*200
KPZ 235-80-1300	2190	200*50	KPZ 235-130-1300	2694	200*100	KPZ 235-180-1300	2976	200*100	KPZ 235-250-1300	4147	200*200
KPZ 235-80-1400	2358	200*50	KPZ 235-130-1400	2900	200*100	KPZ 235-180-1400	3205	200*100	KPZ 235-250-1400	4465	200*200
KPZ 235-80-1500	2527	200*50	KPZ 235-130-1500	3106	200*100	KPZ 235-180-1500	3433	200*100	KPZ 235-250-1500	4783	200*200
KPZ 235-80-1600	2695	200*50	KPZ 235-130-1600	3312	200*100	KPZ 235-180-1600	3662	200*100	KPZ 235-250-1600	5100	200*200
KPZ 235-80-1700	2863	200*50	KPZ 235-130-1700	3518	200*100	KPZ 235-180-1700	3890	200*100	KPZ 235-250-1700	5418	200*200
KPZ 235-80-1800	3032	200*50	KPZ 235-130-1800	3723	200*100	KPZ 235-180-1800	4118	200*100	KPZ 235-250-1800	5736	200*200
KPZ 235-80-1900	3200	200*50	KPZ 235-130-1900	3929	200*100	KPZ 235-180-1900	4347	200*100	KPZ 235-250-1900	6054	200*200
KPZ 235-80-2000	3369	200*50	KPZ 235-130-2000	4135	200*100	KPZ 235-180-2000	4575	200*100	KPZ 235-250-2000	6371	200*200
KPZ 235-80-2100	3537	200*50	KPZ 235-130-2100	4341	200*100	KPZ 235-180-2100	4803	200*100	KPZ 235-250-2100	6689	200*200
KPZ 235-80-2200	3706	200*50	KPZ 235-130-2200	4547	200*100	KPZ 235-180-2200	5032	200*100	KPZ 235-250-2200	7007	200*200
KPZ 235-80-2300	3874	200*50	KPZ 235-130-2300	4752	200*100	KPZ 235-180-2300	5260	200*100	KPZ 235-250-2300	7324	200*200
KPZ 235-80-2400	4042	200*50	KPZ 235-130-2400	4958	200*100	KPZ 235-180-2400	5488	200*100	KPZ 235-250-2400	7642	200*200

Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	heat exchanger dimensions***, mm
KPZ 235-250-400-2	1015	200*100	KPZ 235-400-400	1444	200*200	KPZ 235-400-400-2	1151	200*100
KPZ 235-250-500-2	1269	200*100	KPZ 235-400-500	1804	200*200	KPZ 235-400-500-2	1439	200*100
KPZ 235-250-600-2	1520	200*100	KPZ 235-400-600	2161	200*200	KPZ 235-400-600-2	1723	200*100
KPZ 235-250-700-2	1771	200*100	KPZ 235-400-700	2518	200*200	KPZ 235-400-700-2	2008	200*100
KPZ 235-250-800-2	2022	200*100	KPZ 235-400-800	2875	200*200	KPZ 235-400-800-2	2293	200*100
KPZ 235-250-900-2	2273	200*100	KPZ 235-400-900	3232	200*200	KPZ 235-400-900-2	2577	200*100
KPZ 235-250-1000-2	2524	200*100	KPZ 235-400-1000	3589	200*200	KPZ 235-400-1000-2	2862	200*100
KPZ 235-250-1100-2	2775	200*100	KPZ 235-400-1100	3946	200*200	KPZ 235-400-1100-2	3146	200*100
KPZ 235-250-1200-2	3025	200*100	KPZ 235-400-1200	4303	200*200	KPZ 235-400-1200-2	3431	200*100
KPZ 235-250-1300-2	3276	200*100	KPZ 235-400-1300	4660	200*200	KPZ 235-400-1300-2	3716	200*100
KPZ 235-250-1400-2	3527	200*100	KPZ 235-400-1400	5017	200*200	KPZ 235-400-1400-2	4000	200*100
KPZ 235-250-1500-2	3778	200*100	KPZ 235-400-1500	5373	200*200	KPZ 235-400-1500-2	4285	200*100
KPZ 235-250-1600-2	4029	200*100	KPZ 235-400-1600	5730	200*200	KPZ 235-400-1600-2	4569	200*100
KPZ 235-250-1700-2	4280	200*100	KPZ 235-400-1700	6087	200*200	KPZ 235-400-1700-2	4854	200*100
KPZ 235-250-1800-2	4531	200*100	KPZ 235-400-1800	6444	200*200	KPZ 235-400-1800-2	5138	200*100
KPZ 235-250-1900-2	4782	200*100	KPZ 235-400-1900	6801	200*200	KPZ 235-400-1900-2	5423	200*100
KPZ 235-250-2000-2	5033	200*100	KPZ 235-400-2000	7158	200*200	KPZ 235-400-2000-2	5708	200*100
KPZ 235-250-2100-2	5284	200*100	KPZ 235-400-2100	7515	200*200	KPZ 235-400-2100-2	5992	200*100
KPZ 235-250-2200-2	5535	200*100	KPZ 235-400-2200	7872	200*200	KPZ 235-400-2200-2	6277	200*100
KPZ 235-250-2300-2	5786	200*100	KPZ 235-400-2300	8229	200*200	KPZ 235-400-2300-2	6561	200*100
KPZ 235-250-2400-2	6037	200*100	KPZ 235-400-2400	8586	200*200	KPZ 235-400-2400-2	6846	200*100

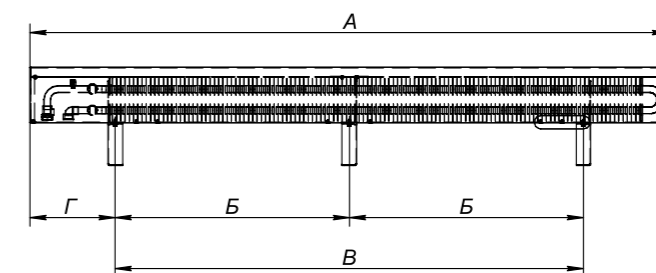
NOTE
 *When ordering the KPP convector (straight-way) the price of manifolds and additional fittings should be added to the KPZ convector price (closed-type make).
 ** The height of the convector is indicated excluding feet (basic design includes 100mm feet, possibility to provide 60mm feet).
 *** The heat exchanger can be dyed in the casing color (+10% to the convector price).

MODIFICATIONS

STRAIGHT-WAY



DIMENSIONS

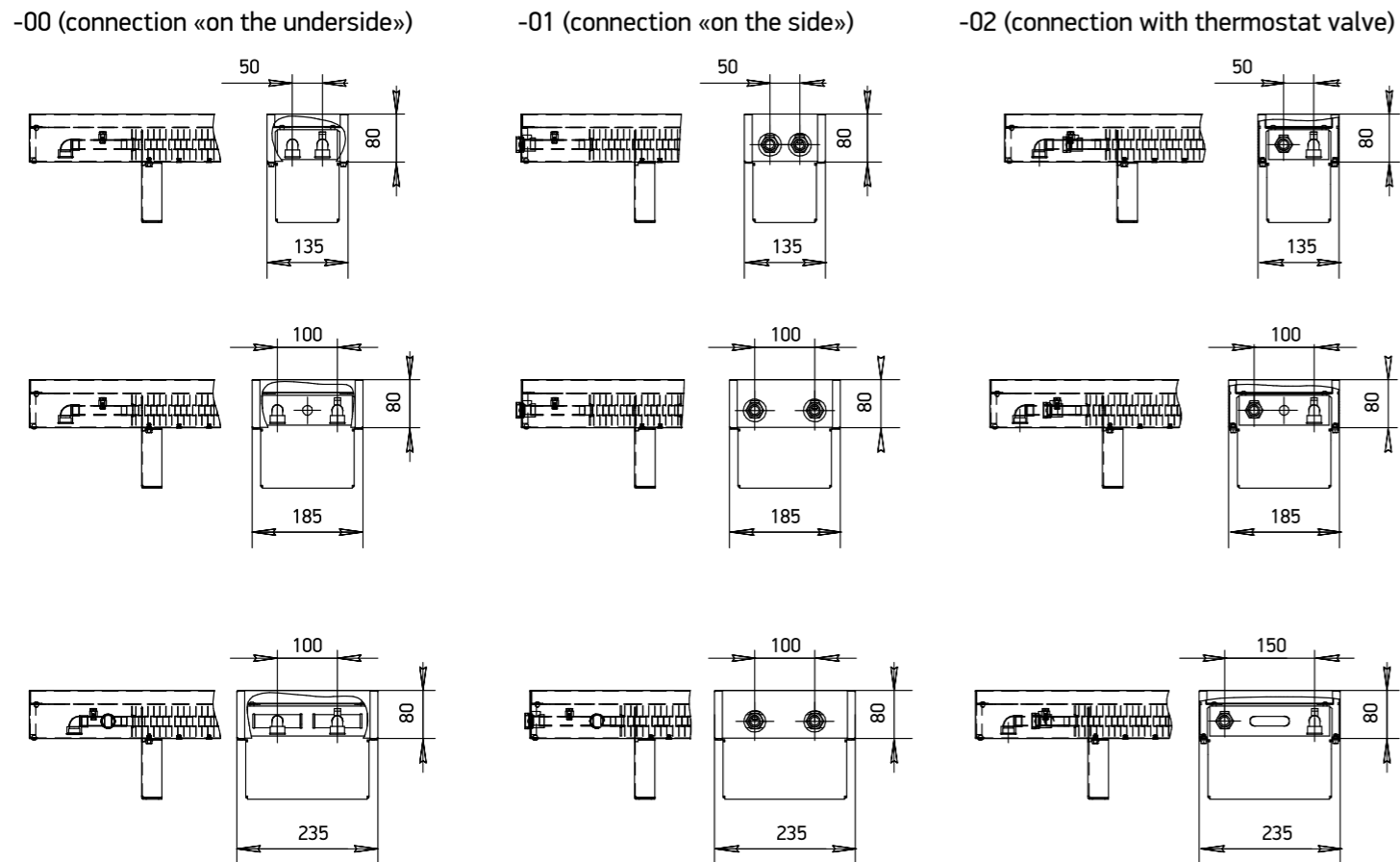


Convector length A	Б	В	Г	Convector length A	Б	В	Г	Convector length A	Б	В	Г
400	-	100	98,7	1100	-	700	200	1800	700	1400	200
500	-	200	98,7	1200	-	800	200	1900	660	1320	290
600	-	300	98,7	1300	-	900	200	2000	710	1420	290
700	-	300	200	1400	-	1000	200	2100	760	1520	290
800	-	400	200	1500	550	1100	200	2200	810	1620	290
900	-	500	200	1600	600	1200	200	2300	860	1720	290
1000	-	600	200	1700	650	1300	200	2400	910	1820	290

CONVECTORS KPZ

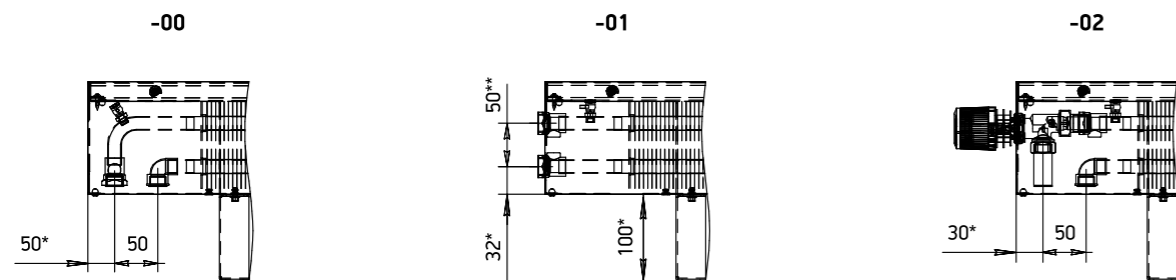
INSTALLATION

MOUNTING AND FIXING DIMENSIONS FOR A HEAT EXCHANGER OF HEIGHT 50 mm.



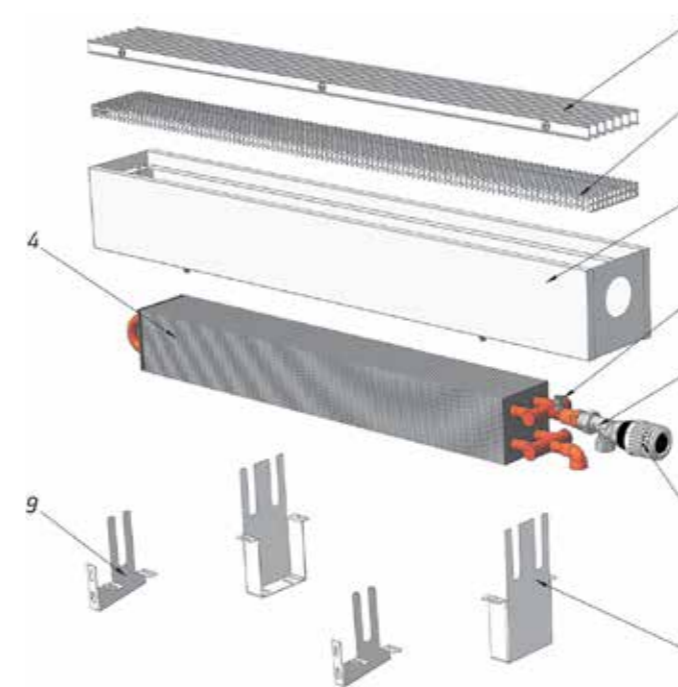
For convectors with dimensions: 135-80, 185-80, 235-80.

MOUNTING AND FIXING DIMENSIONS FOR A HEAT EXCHANGER OF HEIGHT 100 mm AND OVER.



* Dimensions are subject to variation

** 150 mm centre-to-centre distance for convectors with heat exchanger of height 200 mm.

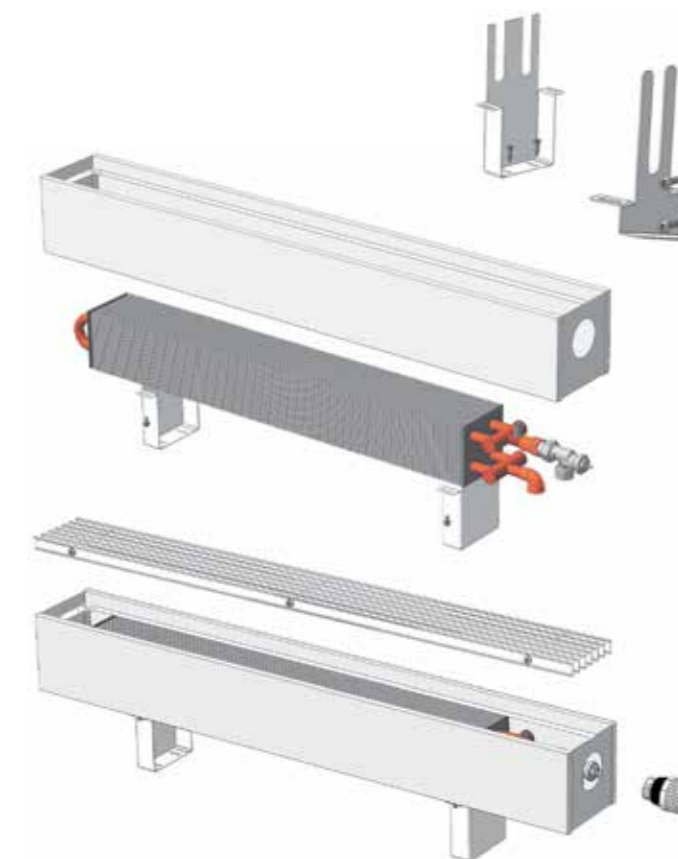


1. Lengthwise aluminium grille.
2. Perforated grille.
3. Convector's casing.
4. Heat exchanger.
5. Air bleeder.
6. Thermostat valve.
7. Thermostatic head.
8. Floor mounting brackets.
9. Wall mounting brackets.



WHEN CONNECTING PIPELINES, OBSERVE THE SENSE OF HEAT-TRANSFER FLUID!

CONVECTOR INSTALLATION



- + When connecting the convector to the heating system, avoid deforming copper tubes.
- + Mount the convector on the window centre considering the supply line and the return line should be in line with fittings that feed heat transfer fluid to the convector.
- + Use a pencil to mark location of the convector on the wall or the floor (depending on chosen mounting).
- + Fasten brackets with self-drilling screws to the wall or the floor respectively.
- + Mount the heat exchanger on the brackets; connect the supply line to the thermostat valve and the return line to a free collar end.
- + Mount the convector casing and fasten it with screws to the bracket on the underside.
- + Mount the grille and the thermostatic head.
- + When heating is installed and the system is filled with heat-transfer fluid, air can be eliminated through the air bleeder if needed.

CONVECTORS

WALL-MOUNTED



APPLICATION

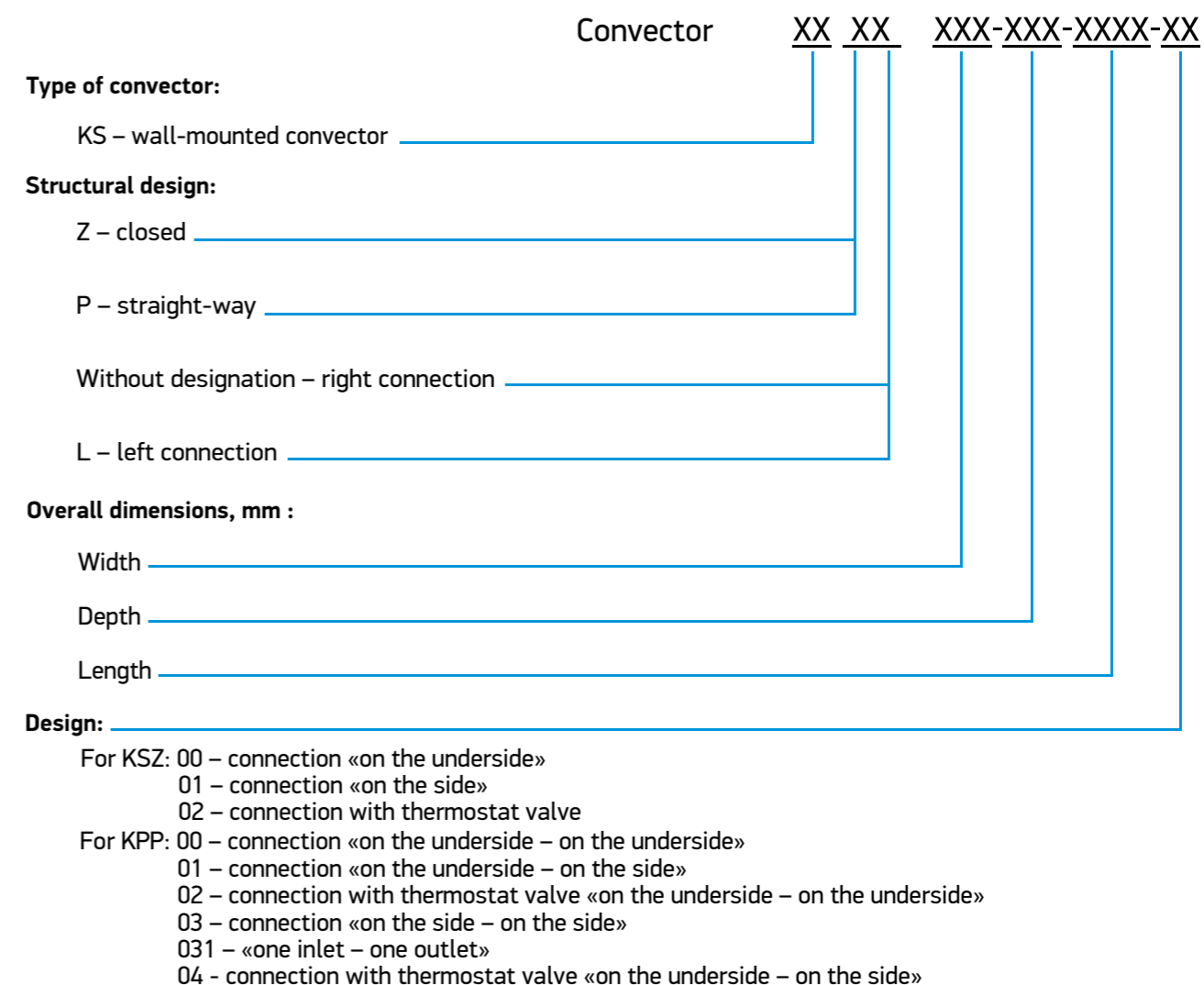
Techno Wall – wall-mounted natural convectors, series KSZ, KSP. The heat rate and efficiency of wall-mounted convectors are highly competitive with that of bulky cast iron radiators, bimetal radiators and other heating systems. Their contemporary design and small size make them a perfect fit into any interior.

OPERATING PARAMETERS

Techno Wall convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.

TECHO WALL CONVECTORS' CONVENTIONAL IDENTIFICATION SCHEME:



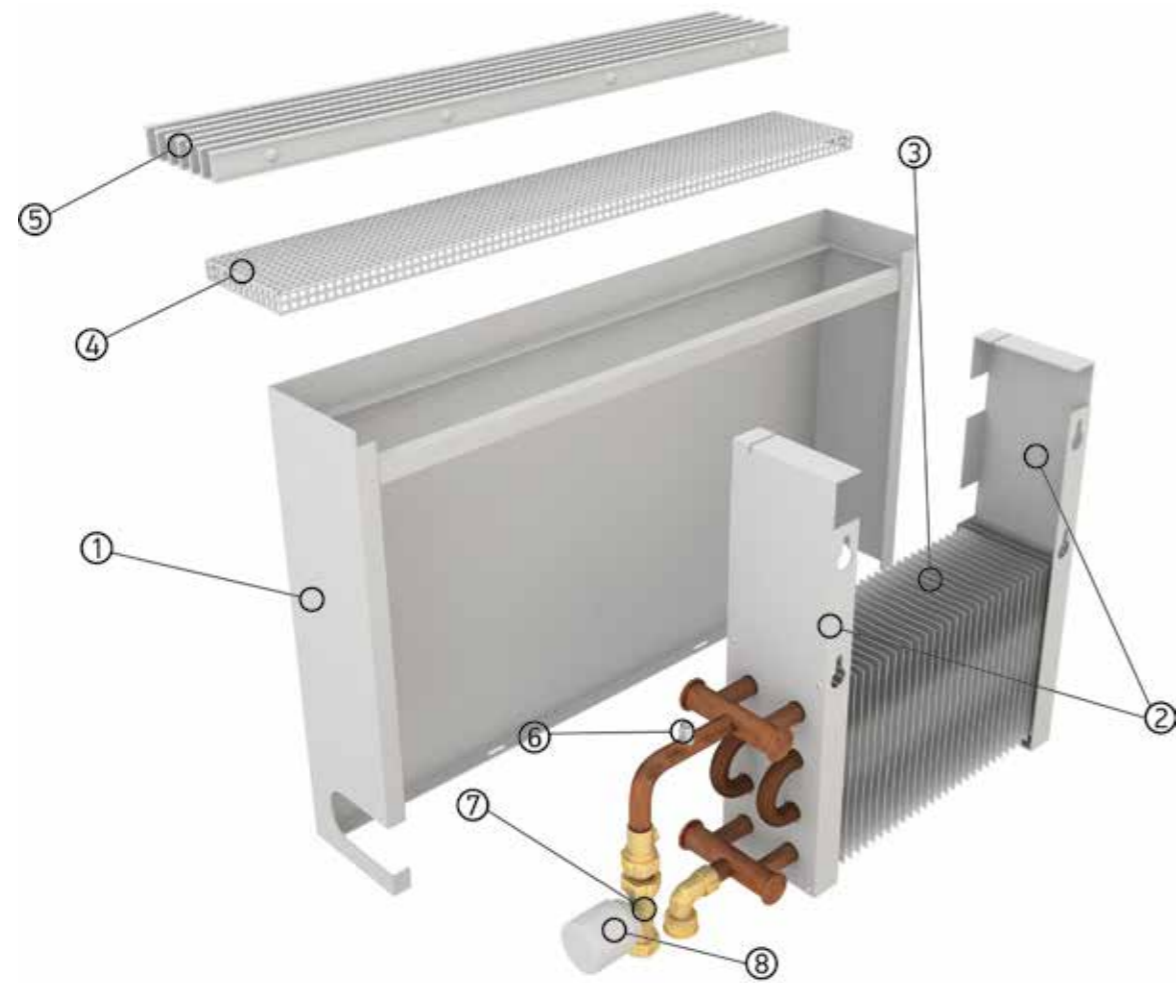
FEATURES:

- + To prevent corrosion, all parts of the convector housing are made of high-quality galvanized steel sheets with wear-resistant powder coating.
- + The heat exchanger tube is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2" has an air blow valve.

BASIC SET:

- + Heat exchanger with G1/2" internal thread connection.
- + Wear-resistant powder coated galvanised steel casing.
- + A set of mounting brackets.
- + Certificate, installation and user manual.

CONVECTOR DESIGN



- 1. Convector's casing.
- 2. Wall mounting bracket.
- 3. Heat exchanger.
- 4. Perforated grille.
- 5. Lengthwise aluminium grille (option).
- 6. Air bleeder.
- 7. Thermostat valve(option).
- 8. Thermostatic head (option).

HEAT PRODUCING CAPABILITY

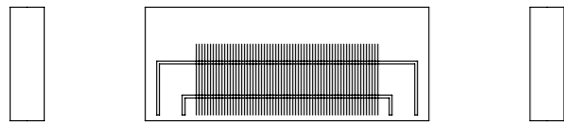
Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	Heat exchanger dimensions, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	Heat exchanger dimensions, mm
KSZ 60-250-400	298	50*100	KSZ 60-400-400	323	50*200
KSZ 60-250-500	380	50*100	KSZ 60-400-500	405	50*200
KSZ 60-250-600	461	50*100	KSZ 60-400-600	486	50*200
KSZ 60-250-700	543	50*100	KSZ 60-400-700	568	50*200
KSZ 60-250-800	624	50*100	KSZ 60-400-800	649	50*200
KSZ 60-250-900	706	50*100	KSZ 60-400-900	731	50*200
KSZ 60-250-1000	788	50*100	KSZ 60-400-1000	813	50*200
KSZ 60-250-1100	869	50*100	KSZ 60-400-1100	894	50*200
KSZ 60-250-1200	951	50*100	KSZ 60-400-1200	976	50*200
KSZ 60-250-1300	1033	50*100	KSZ 60-400-1300	1058	50*200
KSZ 60-250-1400	1114	50*100	KSZ 60-400-1400	1139	50*200
KSZ 60-250-1500	1196	50*100	KSZ 60-400-1500	1221	50*200
KSZ 60-250-1600	1277	50*100	KSZ 60-400-1600	1302	50*200
KSZ 60-250-1700	1359	50*100	KSZ 60-400-1700	1384	50*200
KSZ 60-250-1800	1441	50*100	KSZ 60-400-1800	1466	50*200
KSZ 60-250-1900	1522	50*100	KSZ 60-400-1900	1547	50*200
KSZ 60-250-2000	1604	50*100	KSZ 60-400-2000	1629	50*200
KSZ 60-250-2100	1685	50*100	KSZ 60-400-2100	1710	50*200
KSZ 60-250-2200	1767	50*100	KSZ 60-400-2200	1792	50*200

Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	Heat exchanger dimensions, mm	Width Height Length (mm)	Capacity, W, 95/85 °C, Δ T=70	Heat exchanger dimensions, mm
KSZ 110-250-400	465	100*100	KSZ 110-400-400	564	100*200
KSZ 110-250-500	613	100*100	KSZ 110-400-500	743	100*200
KSZ 110-250-600	760	100*100	KSZ 110-400-600	922	100*200
KSZ 110-250-700	908	100*100	KSZ 110-400-700	1101	100*200
KSZ 110-250-800	1055	100*100	KSZ 110-400-800	1280	100*200
KSZ 110-250-900	1203	100*100	KSZ 110-400-900	1459	100*200
KSZ 110-250-1000	1351	100*100	KSZ 110-400-1000	1638	100*200
KSZ 110-250-1100	1498	100*100	KSZ 110-400-1100	1817	100*200
KSZ 110-250-1200	1646	100*100	KSZ 110-400-1200	1996	100*200
KSZ 110-250-1300	1793	100*100	KSZ 110-400-1300	2175	100*200
KSZ 110-250-1400	1941	100*100	KSZ 110-400-1400	2354	100*200
KSZ 110-250-1500	2088	100*100	KSZ 110-400-1500	2533	100*200
KSZ 110-250-1600	2236	100*100	KSZ 110-400-1600	2712	100*200
KSZ 110-250-1700	2384	100*100	KSZ 110-400-1700	2891	100*200
KSZ 110-250-1800	2531	100*100	KSZ 110-400-1800	3070	100*200
KSZ 110-250-1900	2679	100*100	KSZ 110-400-1900	3249	100*200
KSZ 110-250-2000	2826	100*100	KSZ 110-400-2000	3421	100*200
KSZ 110-250-2100	2974	100*100	KSZ 110-400-2100	3607	100*200
KSZ 110-250-2200	3122	100*100	KSZ 110-400-2200	3788	100*200

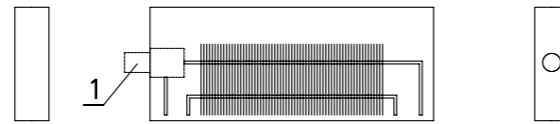
MODIFICATIONS

STRAIGHT-WAY

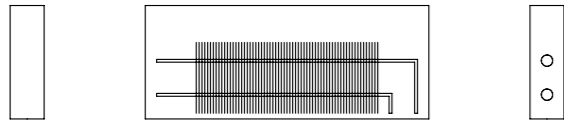
CONVECTOR KSP XXX-XXX-XXXX.00.000



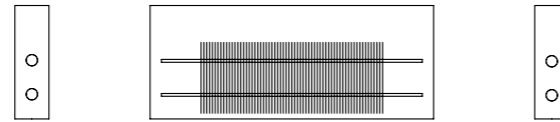
CONVECTOR KSP XXX-XXX-XXXX.00.000-02



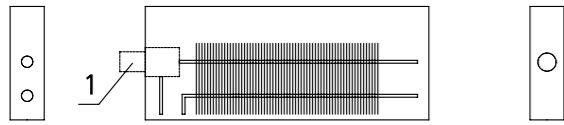
CONVECTOR KSP XXX-XXX-XXXX.00.000-01



CONVECTOR KSP XXX-XXX-XXXX.00.000-03



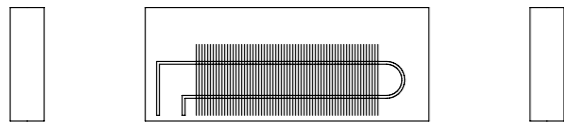
CONVECTOR KSP XXX-XXX-XXXX.00.000-04



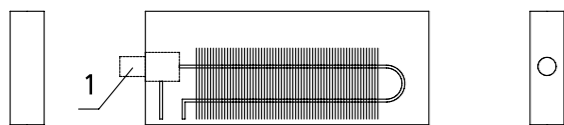
1 - Thermostatic accessories

CLOSED-TYPE

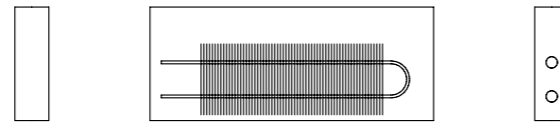
CONVECTOR KSZ XXX-XXX-XXXX.00.000



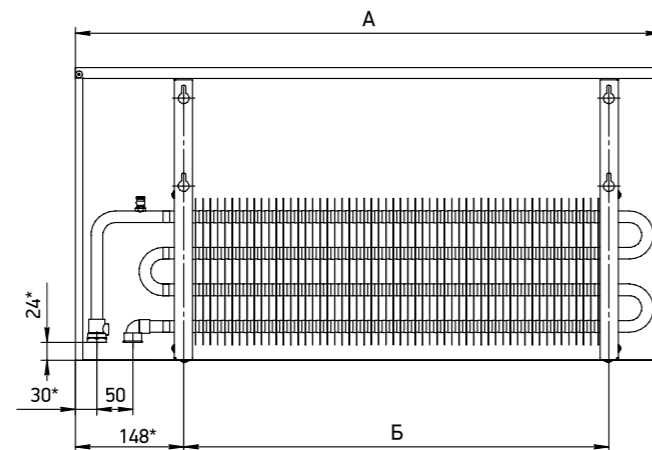
CONVECTOR KSZ XXX-XXX-XXXX.00.000-02



CONVECTOR KSZ XXX-XXX-XXXX.00.000-01

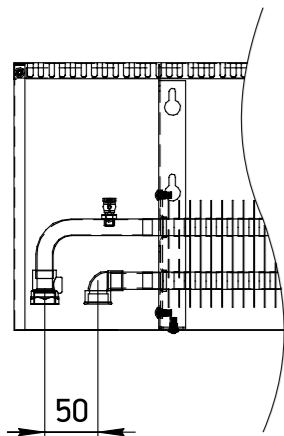


DIMENSIONS

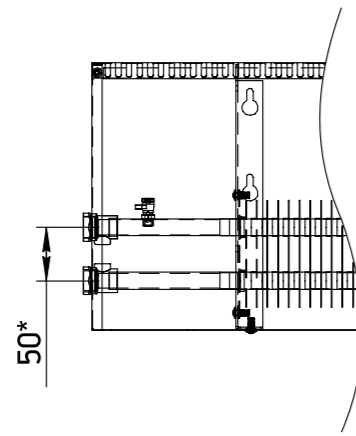


TYPES OF CONNECTION

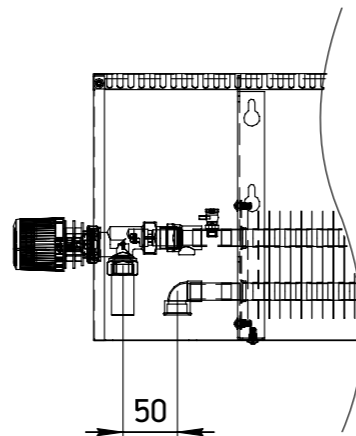
connection «on the underside»



connection «on the side»

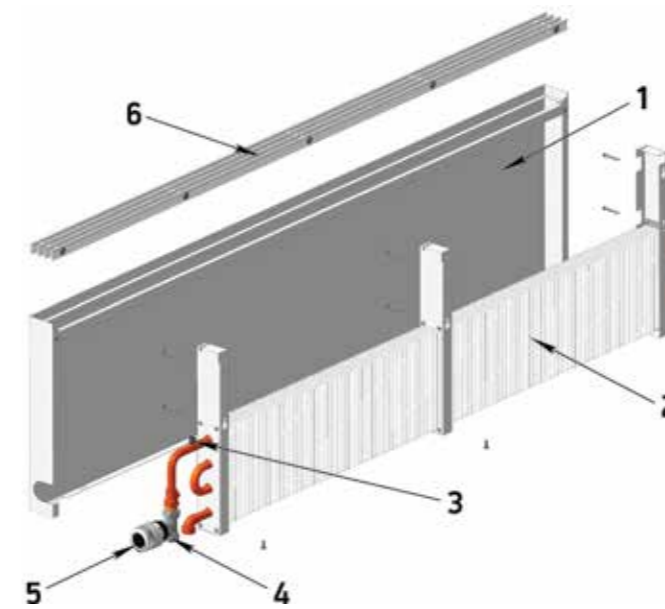


connection with thermostat valve



*150 mm centre-to-centre distance for convectors with heat exchanger of height 200 mm.

INSTALLATION



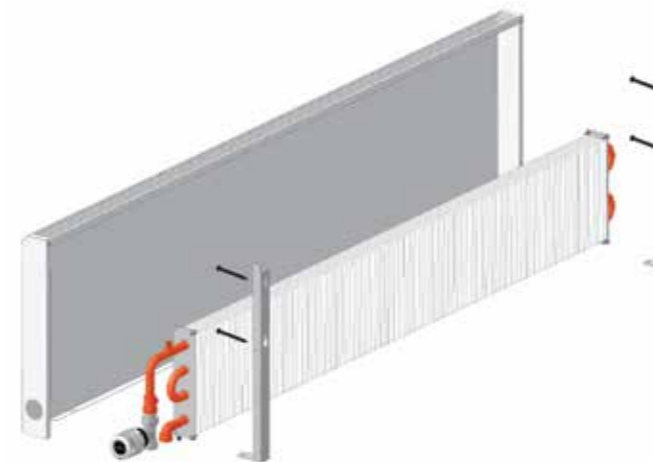
1. Convector's casing.
2. Heat exchanger.
3. Air bleeder.
4. Thermostat valve.
5. Thermostatic head.
6. Grille.



WHEN CONNECTING PIPE LINES, OBSERVE THE SENSE OF HEAT-TRANSFER FLUID!

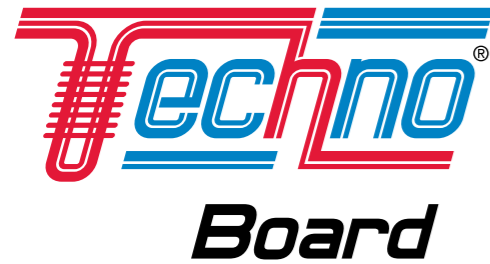
CONVECTOR INSTALLATION

- + When connecting the convector to the heating system, avoid deforming copper tubes.
- + Mount the convector on the window centre considering the supply line and the return line should be in line with fittings that feed heat-transfer fluid to the convector.
- + Use a pencil to mark location of the convector on the wall or the floor (depending on chosen mounting).
- + Fasten brackets with the heat exchanger with self-drilling screws to the wall.
- + Connect the supply line to the thermostat valve and the return line to a free collar end.
- + Mount the convector casing and fasten it with screws to the bracket on the underside.
- + Mount the grille and the thermostatic head.
- + When heating is installed and the system is filled with heat-transfer fluid, air can be eliminated through the air bleeder if needed.



CONVECTORS

SKIRTING



APPLICATION

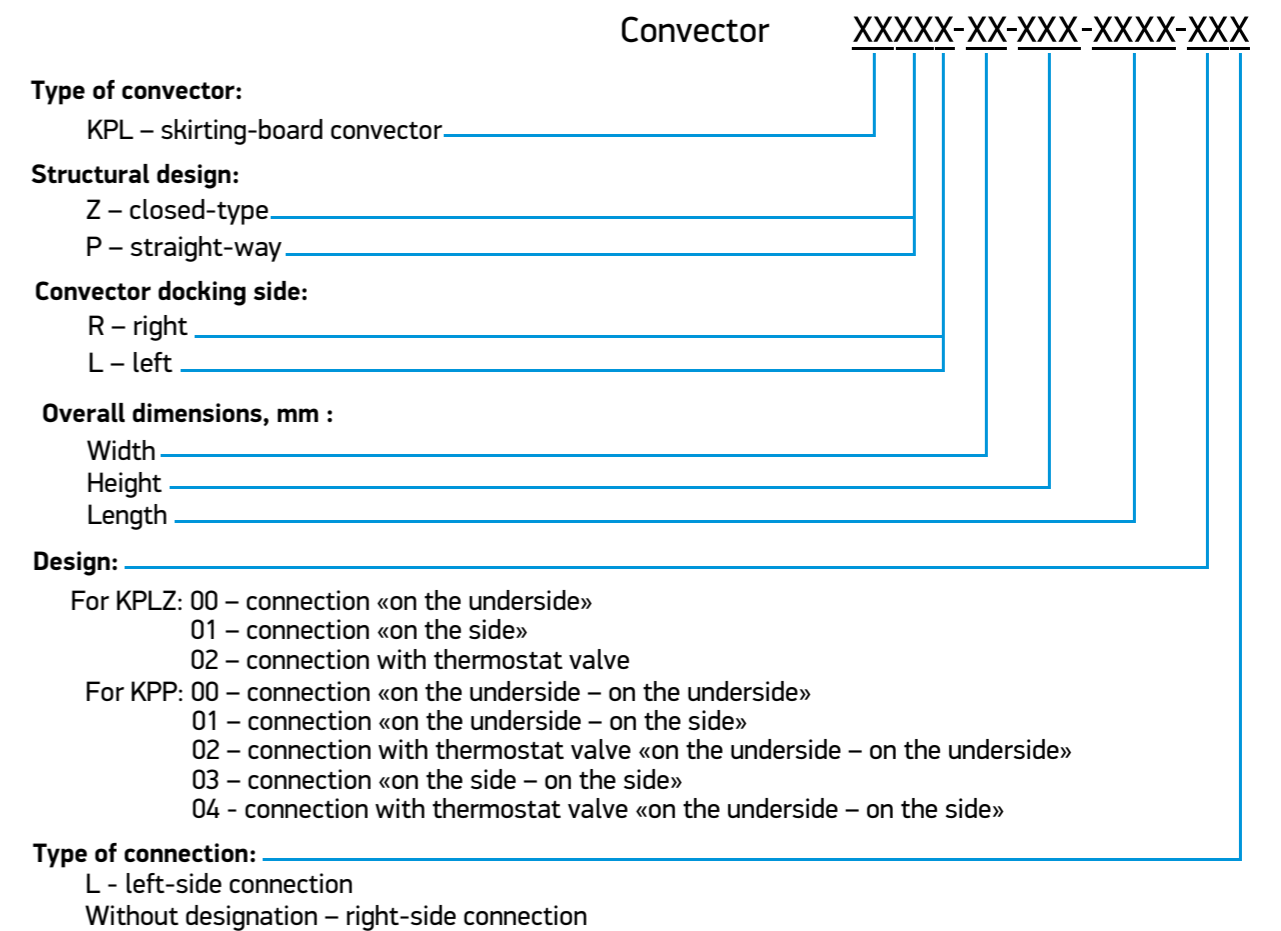
Techno Board KPLZ-series natural skirting-board convector is an innovative heating system. It can be used to ensure a high comfort level when heating any rooms. Distinguished by high efficiency, the compact unnoticeable heating appliance distributes heated air throughout the room rapidly and uniformly. Creating a “thermal shield” reduces heat loss through walls and glazing, improves physical properties of wall and floor materials, reduces the probability of walls damage by mold. It obviates the need for heating pipe routing.

OPERATING PARAMETERS

Techno Board convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.
- + Capacity – 700 Watt per 1 running meter.

TECHO BOARD CONVECTORS' CONVENTIONAL IDENTIFICATION SCHEME:



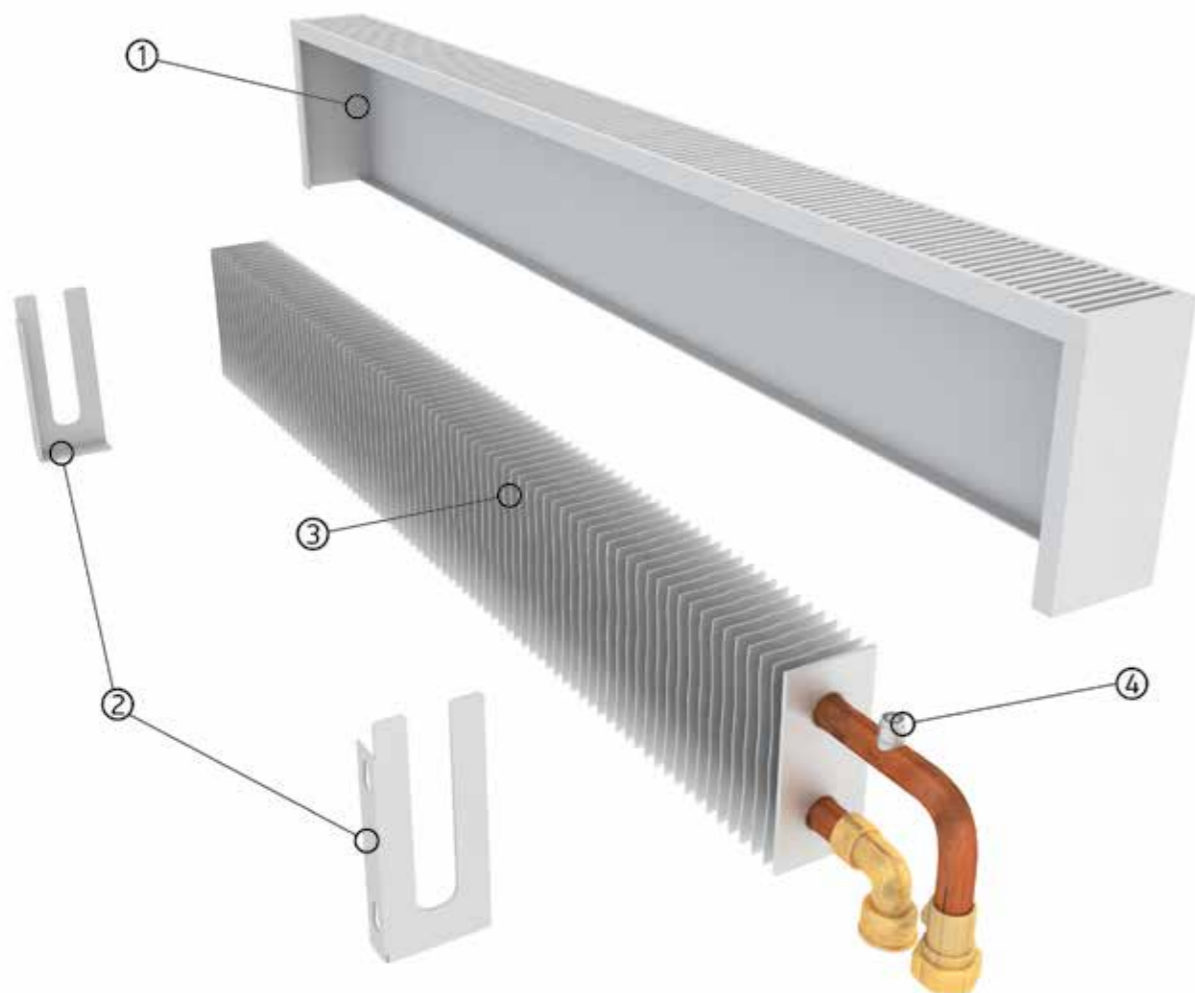
FEATURES:

- + To prevent corrosion, all parts of the convector housing are made of high-quality galvanized steel sheets with wear-resistant powder coating.
- + The heat exchanger tube is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2" has an air blow valve.

BASIC SET:

- + Heat exchanger with G1/2" internal thread connection.
- + Wear-resistant powder coated galvanised steel casing.
- + A set of mounting brackets.
- + Certificate, installation and user manual.

CONVECTOR DESIGN



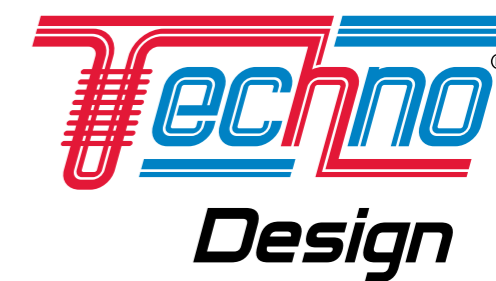
- 1. Convector's casing.
- 2. Wall mounting bracket.
- 3. Heat exchanger.
- 4. Air bleeder.

HEAT PRODUCING CAPABILITY

Width-Height (mm)	Capacity1 running meter, W, 95/85 °C, Δ T=70
KPLZ 60-120	700

DESIGN

CONVECTORS



APPLICATION

Techno Vita Bench KBZ-series natural bench convector perfectly combines high performance heating appliance with a comfortable bench. Suitable for rooms with a large area of glazing and the high requirements for design.



OPERATING PARAMETERS

Techno Vita Bench convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.

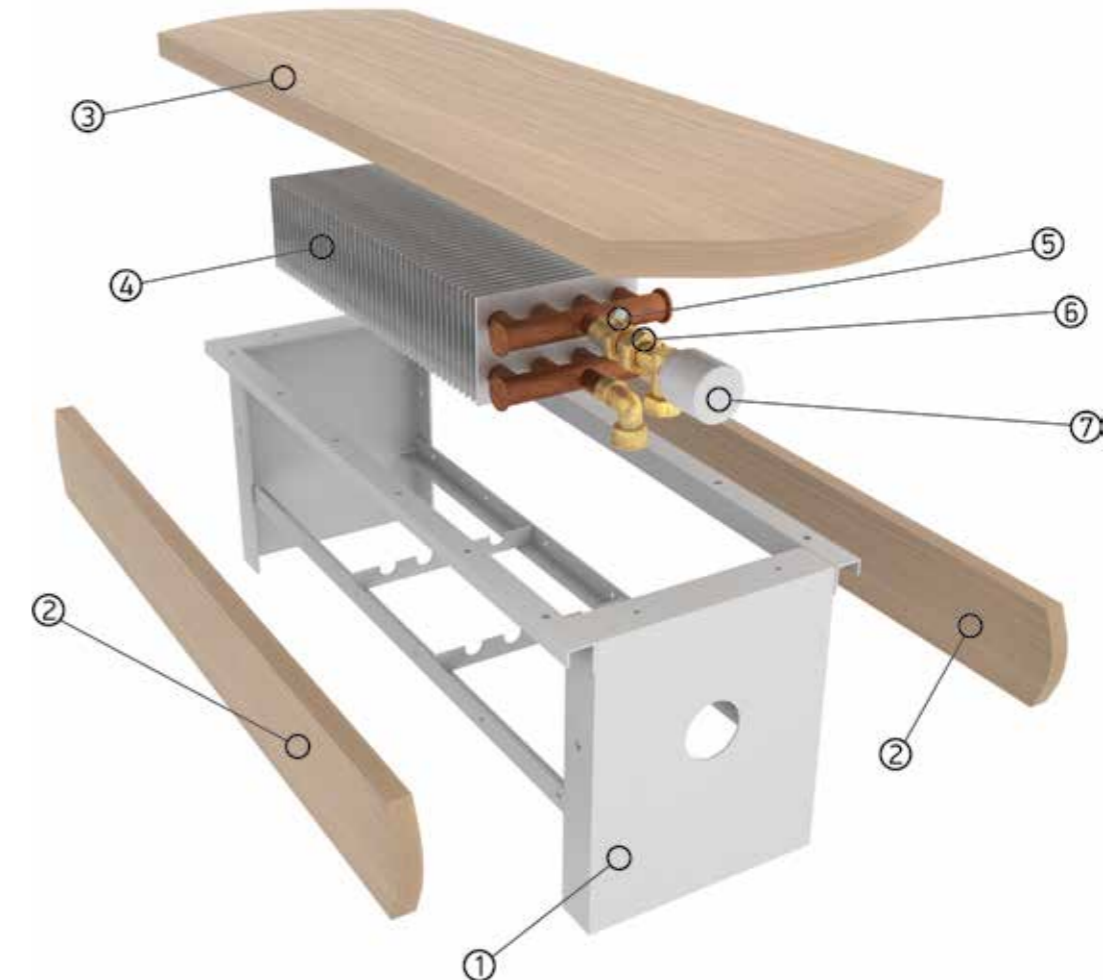
FEATURES:

- + The bench frame is made of high-quality wear-resistant powder coated galvanized metal, the structure can be dyed in any colour according to RAL.
- + The seat and protection plates are made of laminated particle board. The bench can be manufactured of finewood.
- + The heat exchanger is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2" has an air blow valve.

BASIC SET:

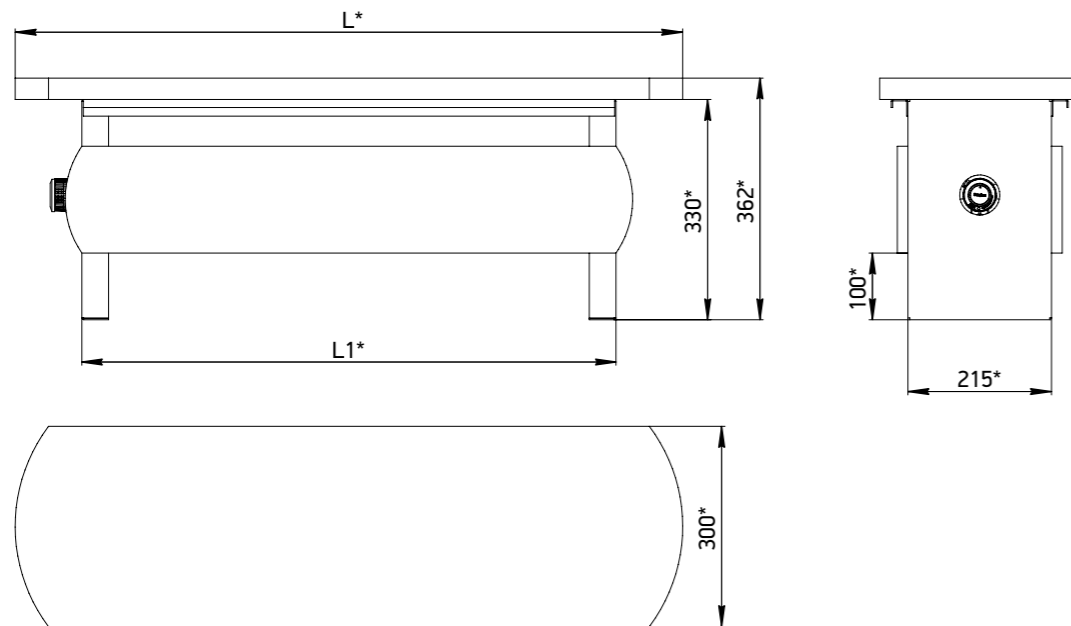
- + The casing is made of wear-resistant powder coated galvanized metal (RAL 9016 White).
- + The seat and protection plates are made of laminated particle board.
- + Heat exchanger with G1/2" internal thread connection.
- + A set of mounting brackets.
- + Certificate, installation and user manual.

CONVECTOR DESIGN



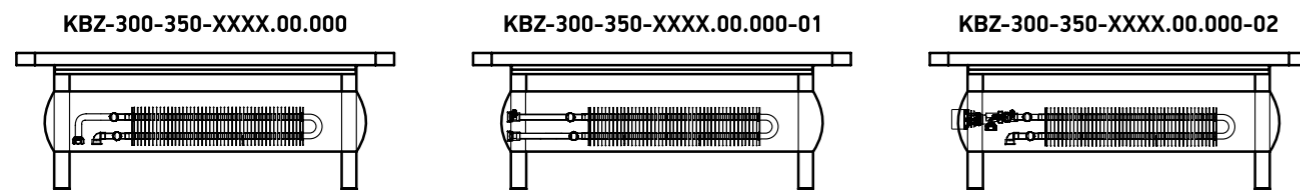
1. Metal frame.
2. Protection panels.
3. Seat panel.
4. Heat exchanger .
5. Air bleeder.
6. Thermostat valve (option).
7. Thermostatic head (option).

DIMENSIONS

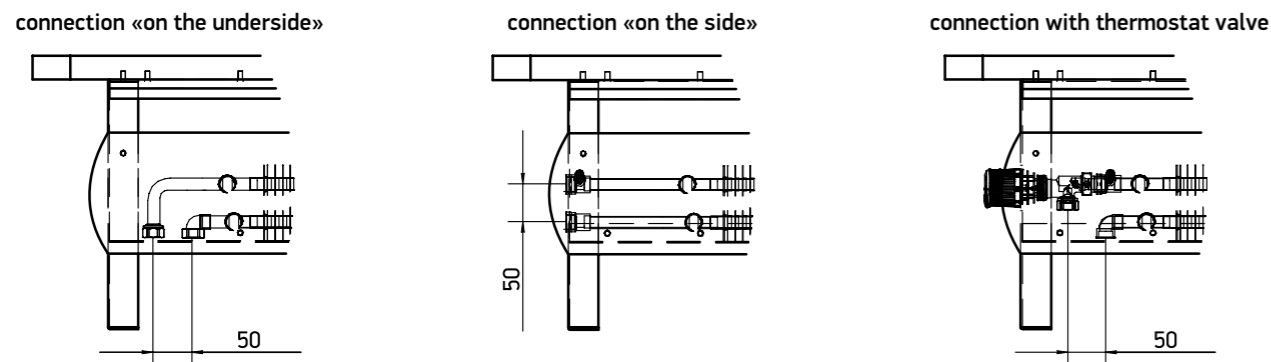


Bench convector (width- height- length, mm)	L, MM*	L1, MM*
KBZ-300-350-1000	1000	800
KBZ-300-350-1200	1200	1000
KBZ-300-350-1400	1400	1200
KBZ-300-350-1600	1600	1400
KBZ-300-350-1800	1800	1600

DESIGNES



TYPES OF CONNECTION



*Straight-way design on request.

HEAT PRODUCING CAPABILITY

Width, Height, Length, mm	Capacity, W 95/85 °C Δ T=70	heat exchanger dimensions, mm
KBZ 300-350-1000	1 390	100*200
KBZ 300-350-1200	1 782	100*200
KBZ 300-350-1400	2 174	100*200
KBZ 300-350-1600	2 566	100*200
KBZ 300-350-1800	2 958	100*200

STANDART COLOURS OF THE BENCH AND PROTECTION PANELS:



TECHNO VITA WOOD

Techno Vita Wood KDWZ-series floor-standing natural design convector is a decorative heating appliance made of finewood. For dry rooms with a high heating requirements. Ideal for wooden houses and chalets. A wide range of wood colour tones allows the convector to be perfectly fitted to any interior.



OPERATING PARAMETERS

Techno Vita Wood convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.

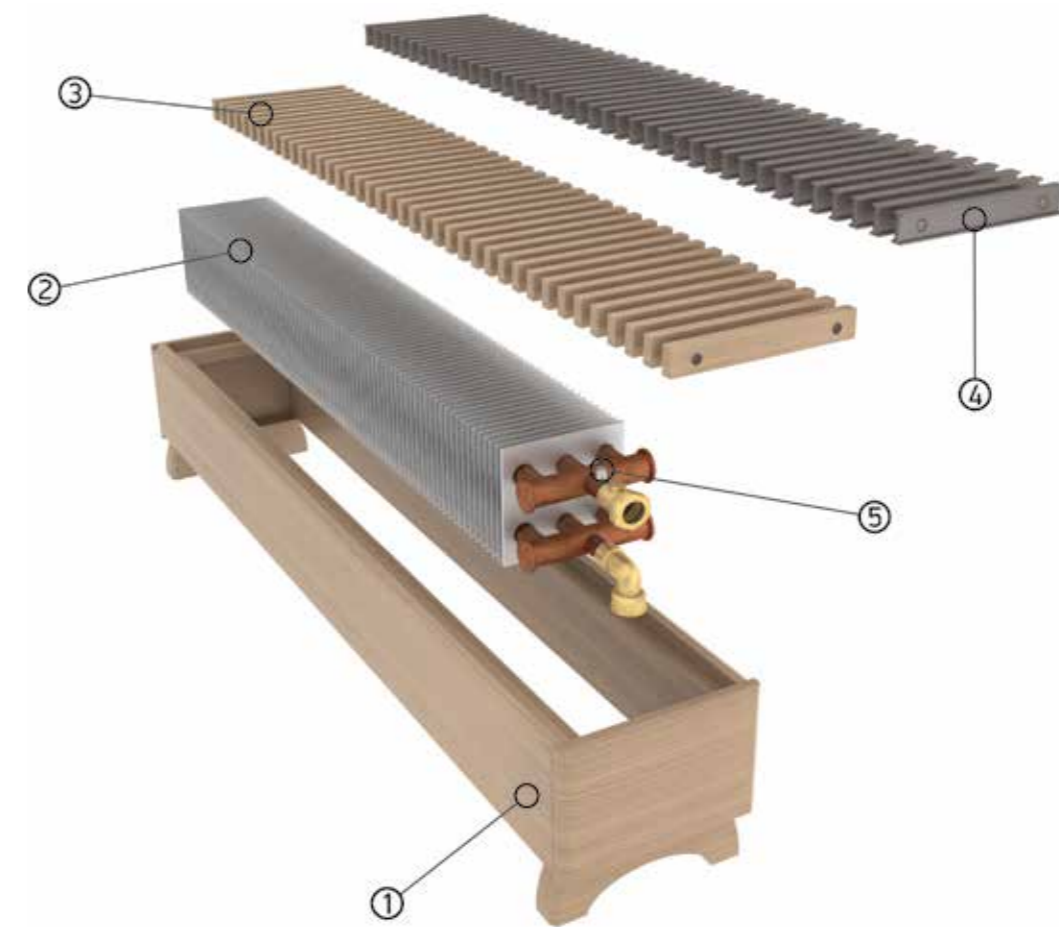
FEATURES:

- + Convector casing is of wood and doesn't heat up in operation.
- + The heat exchanger is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2".

BASIC SET:

- + The casing is made of finewood.
- + Heat exchanger with G1/2" internal thread connection.
- + Certificate, installation and user manual.

CONVECTOR DESIGN

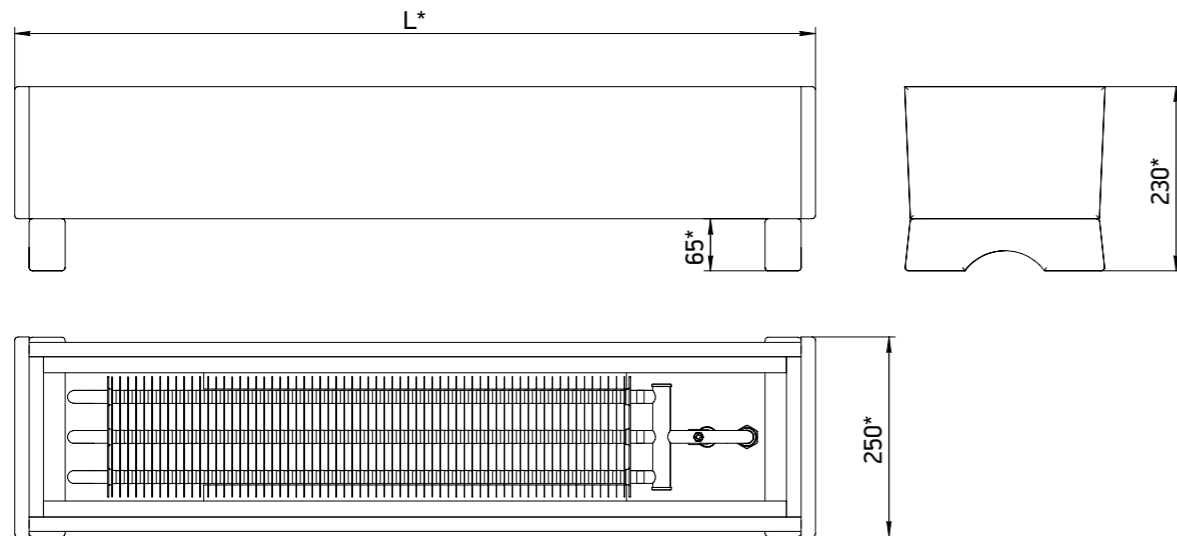


1. Convector's casing.
2. Heat exchanger.
3. Wood grille (option).
4. Aluminium grille (option).
5. Air bleeder.

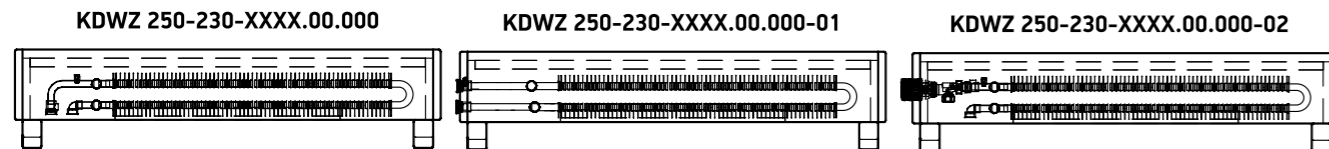
HEAT PRODUCING CAPABILITY

Width, Height, Length, mm	Capacity, W 95/85 °C Δ T=70	heat exchanger dimensions, mm
KDWZ 250-230-1000	1488	150*100
KDWZ 250-230-1200	1715	150*100
KDWZ 250-230-1500	2056	150*100

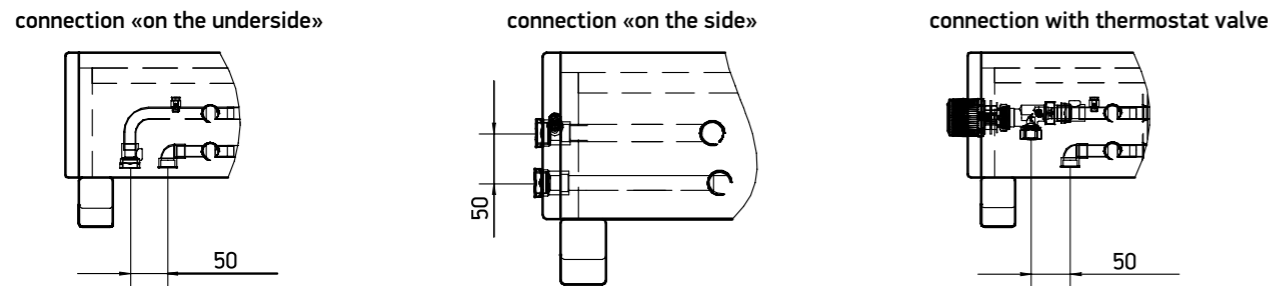
DIMENSIONS



FINWOOD CONVECTOR DESIGNS



TYPES OF CONNECTION



*Straight-way design on request.

Color palette:



TECHNO WALL GLASS

Techno Wall Glass KDGZ-series wall-mounted natural design convector features a glass front panel coated with a photographic print. A photographic print of customer's choice will transform a design convector into a stylish interior item or will make it inconspicuous.

Photographic printing is resistant to deformation and fading while in operation.

OPERATING PARAMETERS

Techno Wall Glass convectors can be built into single-pipe and double-pipe heating systems.

- + Heat transfer agent service pressure - not more than 16 bar.
- + Hydraulic pressure-test - 30 bar.
- + Maximum service temperature of the heat transfer agent - 130°C.
- + Heat transfer agent type - water or glycol.

FEATURES:

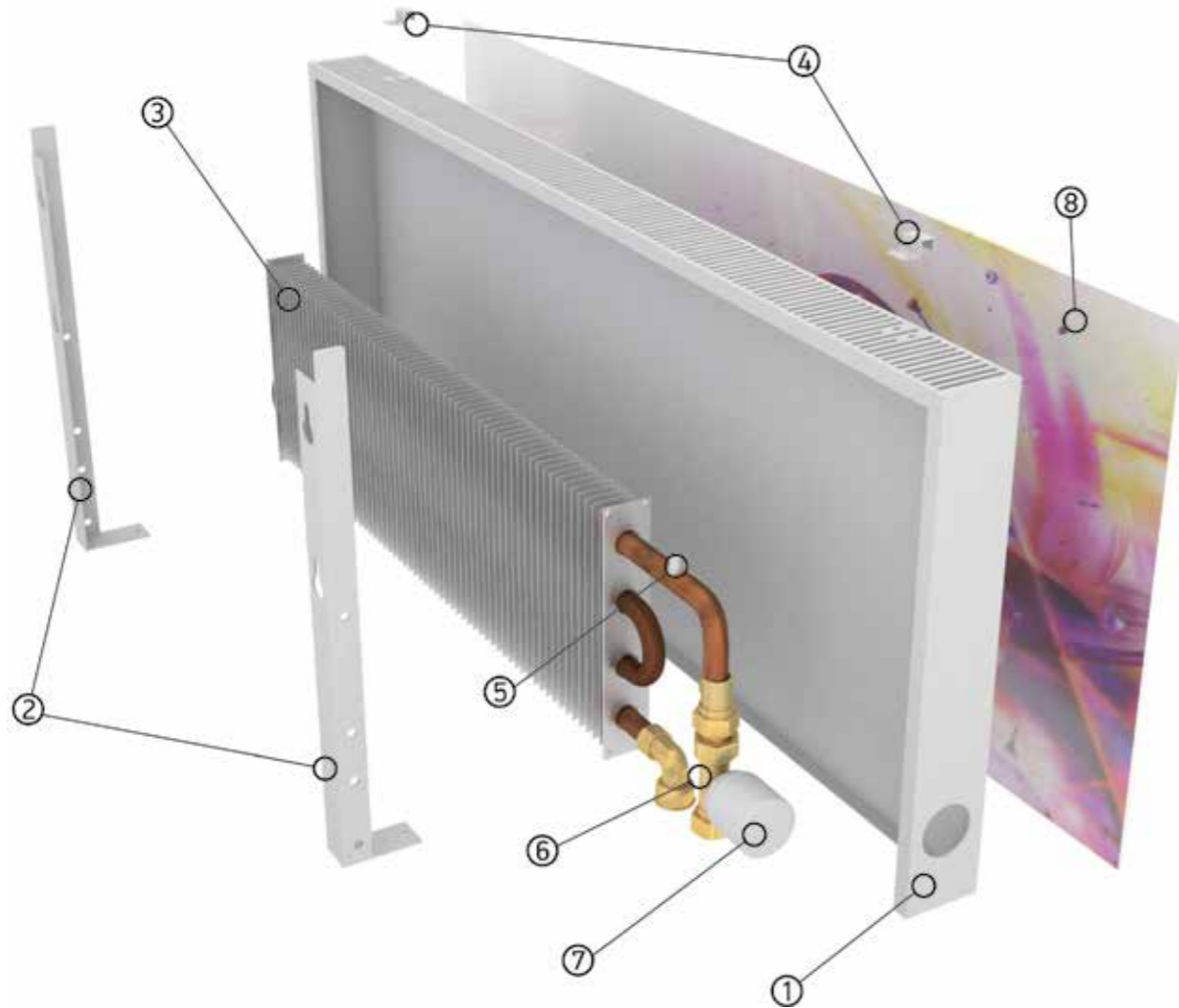
- + All parts of the convector housing are made of high-quality galvanized steel sheets with wear-resistant powder coating.
- + The front panel - tempered glass with a photographic print.
- + The heat exchanger tube is made of a one-piece copper tube and aluminum fins to guarantee high resistance to corrosion and durability.
- + Connection point with internal thread G1/2" has an air blow valve.

BASIC SET:

- + Wear-resistant powder coated galvanised steel casing.
- + The front panel, made of tempered glass with a photographic print.
- + Heat exchanger with G1/2" internal thread connection.
- + A set of mounting brackets.
- + Certificate, installation and user manual.



CONVECTOR DESIGN

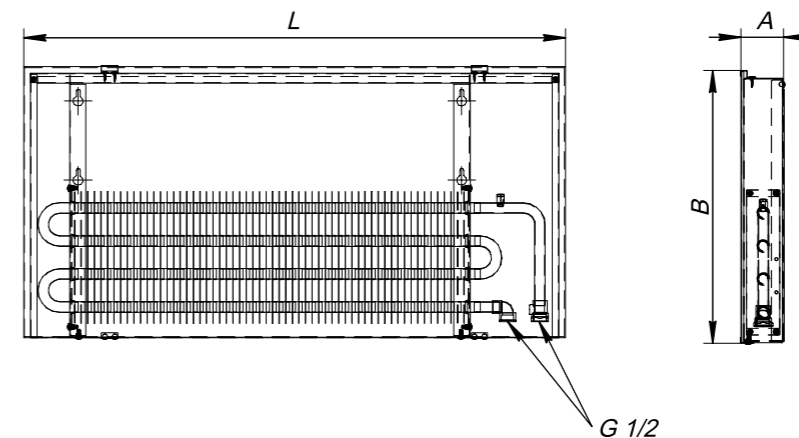


- 1. Convector's casing.
- 2. Wall mounting bracket.
- 3. Heat exchanger.
- 4. Clip.
- 5. Air bleeder.
- 6. Thermostat valve(option).
- 7. Thermostatic head (option).
- 8. Glass panel.

HEAT PRODUCING CAPABILITY

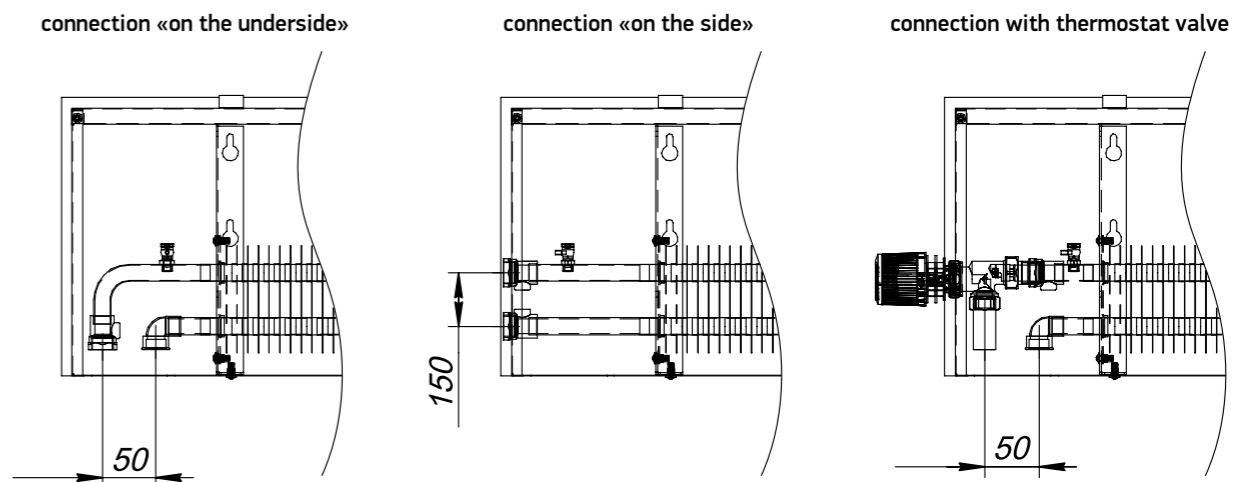
Design convector (width- height- length, mm)	Photo size (height- length, mm)	Capacity, W 95/85 °C, ΔT=70	Heat exchanger dimensions, mm
KDGZ 60-400-1000	410-1020	813	50*200
KDGZ 60-400-1200	410-1220	976	50*200
KDGZ 60-400-1500	410-1520	1221	50*200
KDGZ 60-400-2000	410-2020	1629	50*200
KDGZ 110-400-1000	410-1020	1817	100*200
KDGZ 110-400-1200	410-1220	1996	100*200
KDGZ 110-400-1500	410-1520	2533	100*200
KDGZ 110-400-2000	410-2020	3421	100*200

CONVECTOR DIMENSIONS

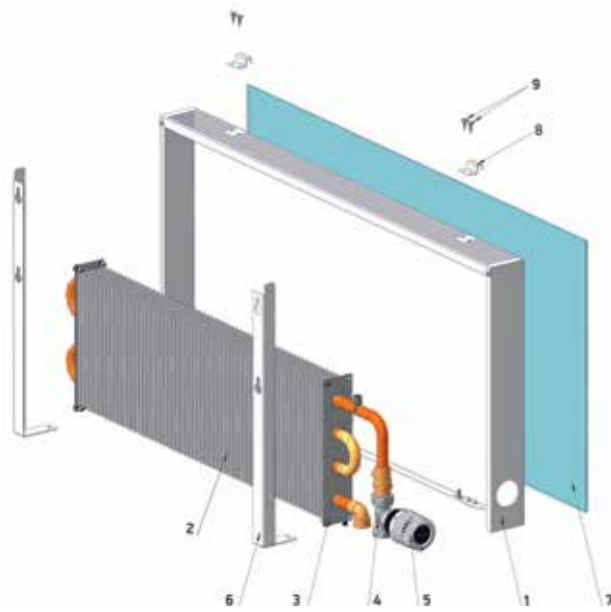


Dimensions convectors wall KDGZ-A-B-L.00.000		
A width, mm	B height, mm	L length, mm
60	400	1000
		1200
110		1500
		2000

TYPES OF CONNECTION



CONVECTOR INSTALLATION



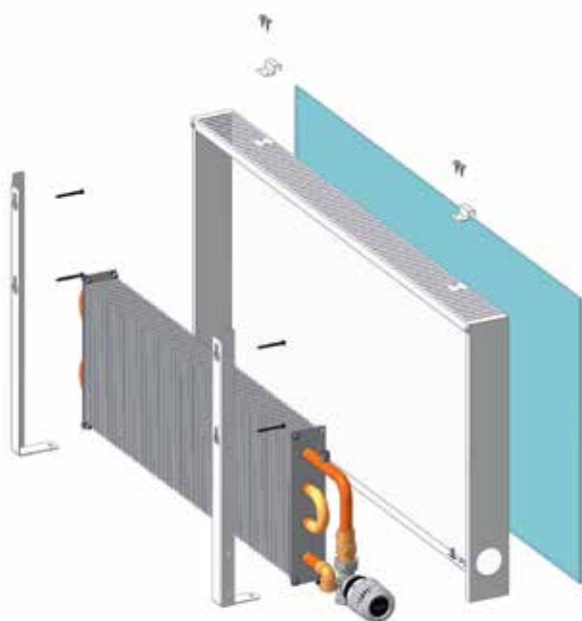
1. Convector's casing.
2. Heat exchanger.
3. Air bleeder.
4. Thermostat valve.
5. Thermostatic head.
6. Brackets.
7. Glass panel.
8. Clip.
9. Self-drilling screws.



**WHEN CONNECTING PIPE LINES,
OBSERVE THE SENSE OF HEAT-
TRANSFER FLUID!**

CONVECTOR INSTALLATION

- + When connecting the convector to the heating system, avoid deforming copper tubes.
- + Mount the convector on the window centre considering the supply line and the return line should be in line with fittings that feed heat-transfer fluid to the convector.
- + Use a pencil to mark location of the convector on the wall.
- + Fasten brackets with self-drilling screws to the wall.
- + Mount the heat exchanger on the brackets; connect the supply line to the thermostat valve and the return line to a free collar end.
- + Mount the convector casing with glass panel and fasten it with screws to the bracket on the underside.
- + Mount the thermostatic head.
- + When heating is installed and the system is filled with heat-transfer fluid, air can be eliminated through the air bleeder if needed.



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