

kalmar ixsteel ba10x

The BA10X model is a single-column towel warmer created with 10 mm diam. brushed STAINLESS STEEL elements.

VERSIONS AVAILABLE

- WATER
- ELECTRIC
- MIXED

SUPPORTS

The towel warmers are supplied with standard supports (code ST) that include wall fixing shelves with anchors and wall fixing kit. On request they can be ordered with bracket supports that are permanently welded on the towel warmers and therefore must be specified when placing the order, their code and cost are as follows:

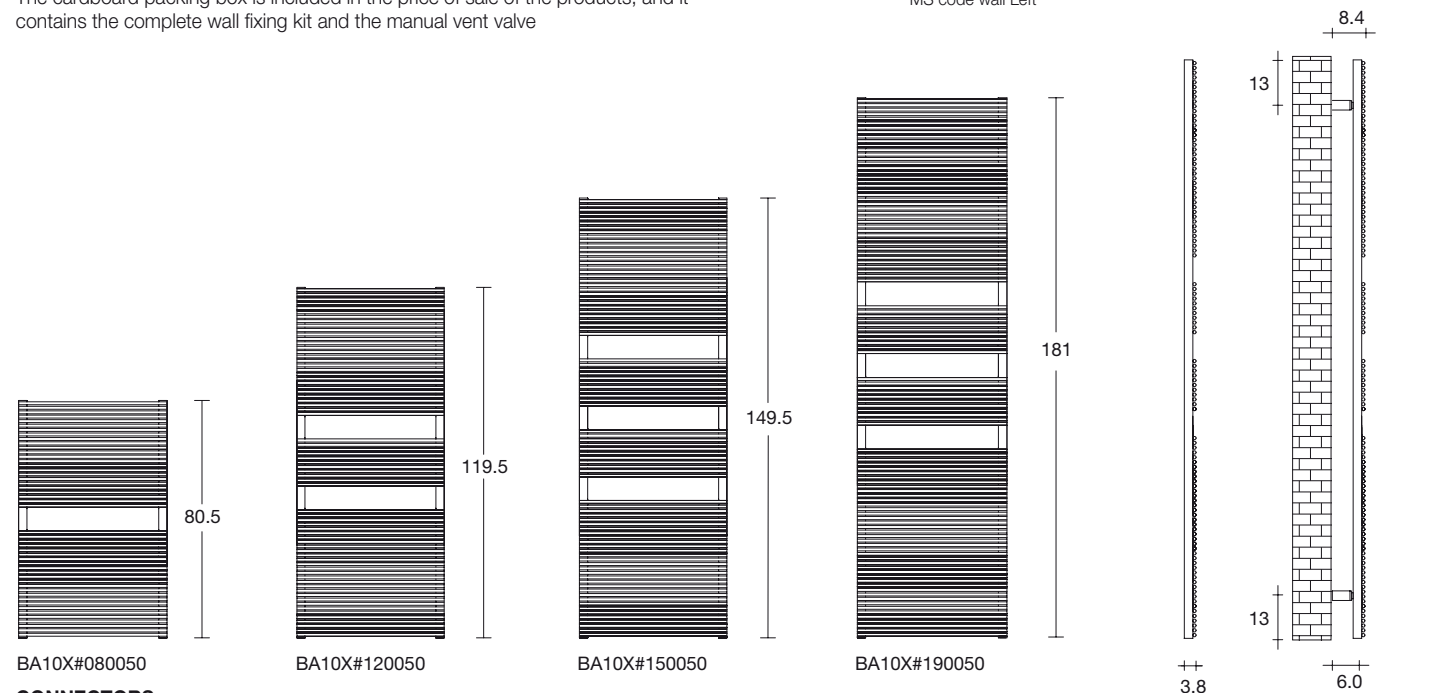
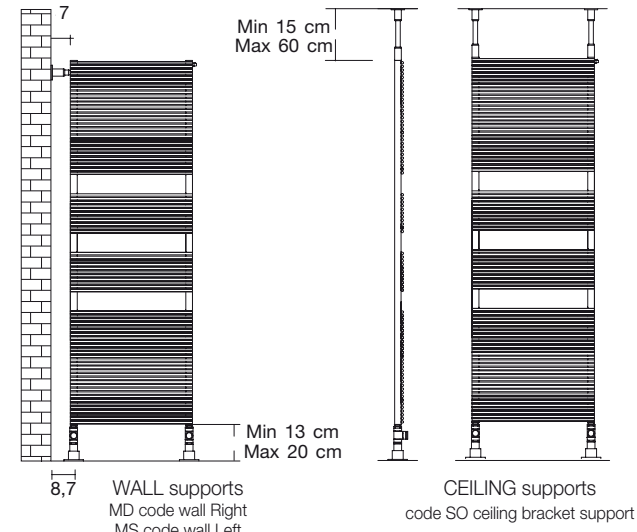
- Right side WALL bracket supports (code MD)
- Left side WALL bracket supports (code MS)
- CEILING bracket supports (code SO)

LIMITS

- WALL bracket supports 60,0 cm max. width
- CEILING bracket supports 60,0 cm max. width

PACKING

The cardboard packing box is included in the price of sale of the products, and it contains the complete wall fixing kit and the manual vent valve

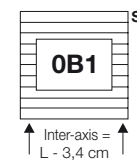


CONNECTORS

The Kalmar Ixsteel BA10X range of towel warmers are supplied with "OB1" 3/8" diameter connectors. Should different connectors be required, such connections must be strictly specified in the order. IMPORTANT: the connectors of towel warmers and radiators connected to the same system should all be the same, because different connectors could cause operating problems. N.B.: all the connectors of the Kalmar Ixsteel model are 3/8" in diameter except for the single pipe) connectors which instead are supplied with 1/2" connectors

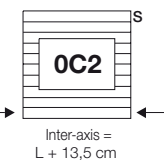
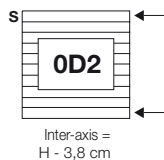
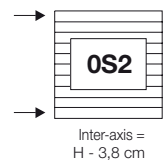
Standard connectors

standard connector always supplied, if not otherwise specified in the order



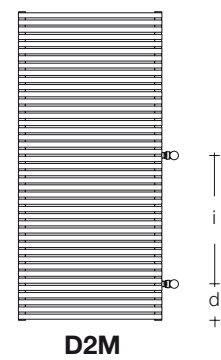
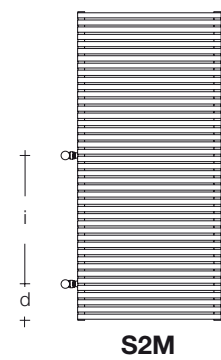
Custom-made connectors

Connectors available on request WITH additional charge



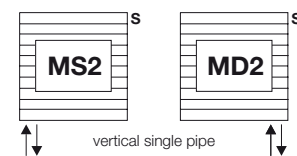
Custom-made connectors

Connectors available on request WITH additional charge



Connectors on request

Connectors available on request WITHOUT any additional charge



→ = Position of connectors S = Air Vent I = Inter-axis between connectors

kalmar ixsteel ba10x



Watt = Kcal/h ÷ 0,860
Kcal/h = Watt x 0,860

HYDRAULIC VERSION

Code	H (cm)	L (cm)	Inter-axis (cm)	Watts ΔT 50°C	KCal/h ΔT 50°C	Water Content (l)
BA10X#080040	80,5	40	36,6	297	255	1,507
BA10X#080050		50	46,6	398	342	1,884
BA10X#080060		60	56,6	500	430	2,261
BA10X#120040	119,5	40	36,6	434	373	2,166
BA10X#120050		50	46,6	552	475	2,708
BA10X#120060		60	56,6	670	576	3,249
BA10X#150040	149,5	40	36,6	546	470	2,638
BA10X#150050		50	46,6	678	583	3,298
BA10X#150060		60	56,6	811	697	3,957
BA10X#180040	181,0	40	36,6	665	572	3,297
BA10X#180050		50	46,6	829	713	4,121
BA10X#180060		60	56,6	993	854	4,946

For correction factors different to ΔT 50°C see page 206

Towel warmers available in stock with OB1 connector and in White RAL 9010 colour

kalmar ixsteel ba10xe electric and dual version

ELECTRIC VERSION

The standard electric version is supplied with a Class 2 resistor installed on the right side of the towel warmer. The resistor is equipped with safety thermal cut-out and preset temperature control.

MIXED VERSION (ELECTRIC/WATER)

The mixed version is created with the application of a specific conversion kit that enables the towel warmer to operate both with the heating system's hot water and electrically.

For both versions some variants for room temperature control are available as accessories, specifically:

- Resistor with room thermostat installed in the resistor as shown in the diagram in page 123.
- Room temperature control with DIGITAL wireless THERMOSTAT programmable with 4 different programs
- Room temperature control with wireless WALL THERMOSTAT featuring temperature adjustment and on/off button.

ADDITIONAL COLOUR AND FINISH CHARGE (see new colour chart)

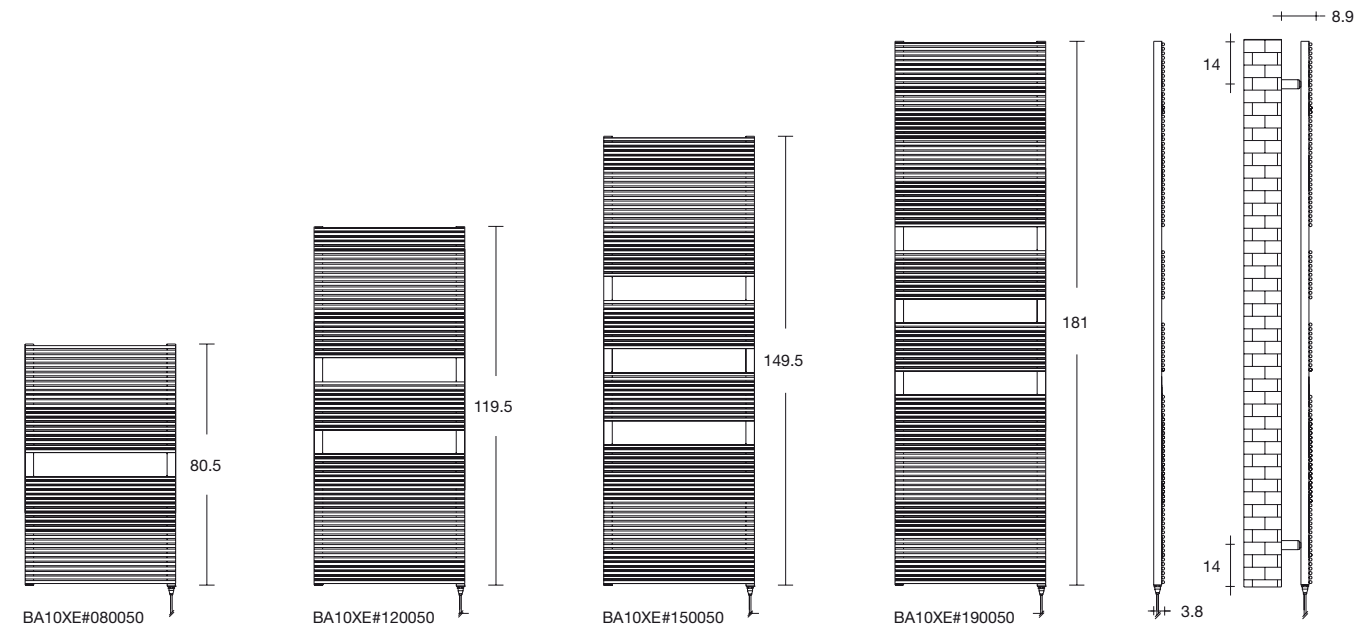
There is no additional colour or finish charge because the Kalmar Ixsteel model only comes in brushed stainless steel.

SUPPORTS

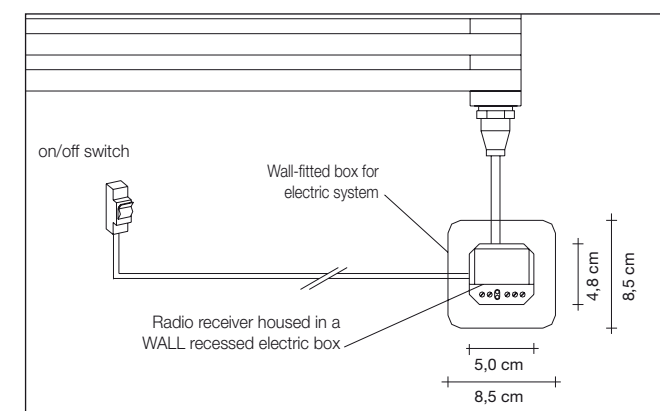
The towel warmers are supplied with standard supports (code ST) which include wall fixing shelves. The bracket supports are NOT possible in the electric version.

PACKING

The cardboard packing box is included in the price of sale of the products, and it contains the complete wall fixing kit and the manual vent valve

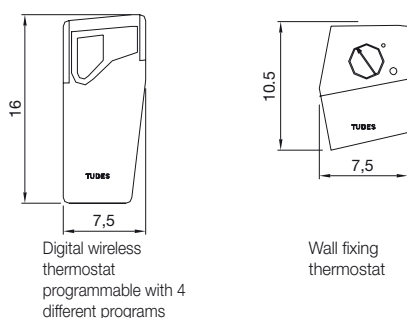


WIRELESS THERMOSTAT CONNECTION DIAGRAM



WIRELESS THERMOSTATS

Both these control and temperature customizing solutions require the installation of a radio receiver housed in a specific electrical box, which is to be recessed in the wall.



kalmar ixsteel ba10xe electric and dual version



Watt = Kcal/h ÷ 0,860
Kcal/h = Watt x 0,860

ELECTRIC VERSION

Code	H* (cm)	L (cm)	Electric resistor	Resistor type
BA10XE#080040	80,5	40,0	300	Class 2
BA10XE#080050		50,0	300	Class 2
BA10XE#080060		60,0	600	Class 2
BA10XE#120040	119,5	40,0	600	Class 2
BA10XE#120050		50,0	600	Class 2
BA10XE#120060		60,0	900	Class 2
BA10XE#150040	149,5	40,0	600	Class 2
BA10XE#150050		50,0	900	Class 2
BA10XE#150060		60,0	900	Class 2
BA10XE#180040	181,0	40,0	900	Class 2
BA10XE#180050		50,0	900	Class 2
BA10XE#180060		60,0	1200	Class 2

* The height indicated DOES NOT include the space taken up by the electrical resistor that protrudes 5cm downwards.

DUAL VERSION

Code	H* (cm)	L (cm)	Electric resistor	Resistor type
BA10XM#080040	80,5	40,0	300	Class 2
BA10XM#080050		50,0	300	Class 2
BA10XM#080060		60,0	600	Class 2
BA10XM#120040	119,5	40,0	600	Class 2
BA10XM#120050		50,0	600	Class 2
BA10XM#120060		60,0	900	Class 2
BA10XM#150040	149,5	40,0	600	Class 2
BA10XM#150050		50,0	900	Class 2
BA10XM#150060		60,0	900	Class 2
BA10XM#180040	181,0	40,0	900	Class 2
BA10XM#180050		50,0	900	Class 2
BA10XM#180060		60,0	1200	Class 2

* The height DOES NOT include the space taken up by the KIT for the MIXED version that protrudes 11,5 cm downwards.

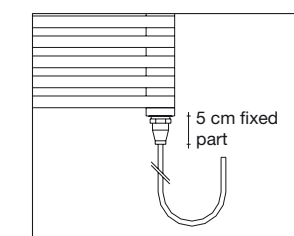
Mixed version inter-axis: L-10,6 cm. The inter-axis in the MIXED version is not centred in respect to the towel warmer (see diagram)

ACCESSORIES (for electric and mixed version)

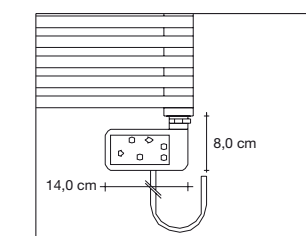
Code	Description	Finishes
ZRF001	Wall-fitted booster function radio frequency emitter box (EMG TH IMH)-MCT8595	
ZRF002	Weekly programming unit via radio frequency (table version)	
ZRF003	Radiofrequency receiver for wall box (REA 1CIMH A) - MCT8600	
ZRES#S9	WHITE room thermostat for Class 2 resistors	white
ZRES#S8	GREY room thermostat for Class 2 resistors	grey

ELECTRIC VERSION DIAGRAM

CLASS 2 RESISTOR always supplied on electric version

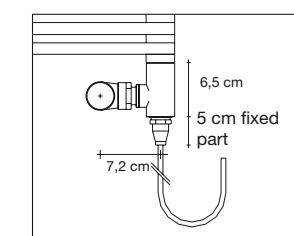


ROOM THERMOSTAT with Class 2 electric resistor (code ZRES#S8 or S9) supplied with an additional charge in price

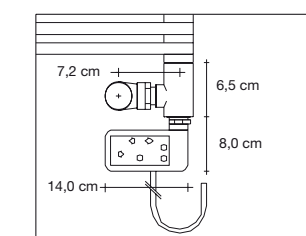


MIXED VERSION DIAGRAM

Kit for Class 2 ELECTRIC RESISTOR, always supplied in MIXED version



Kit for ROOM THERMOSTAT kit with Class 2 electric resistor (code ZRES#S8 or S9) supplied with an additional charge in price



kalmar ixsteel xv10 vertical single + kalmar ixsteel xv10d vertical double

The XV10 model is a vertical single-column radiator created with 10mm diam. stainless steel elements.

For heights over 130 cm special reinforcing spacers are applied between the elements (see page 203).

To identify the radiator model to be ordered, proceed as follows: identify and specify the code (e.g. XV10), the height (e.g. 200), the number of elements (e.g.20 equal to a width of 30,9cm), the type of connector (e.g. OC1), the type of support (e.g. ST), whereas you do not need to specify the finish because Kalmar Ixsteel only comes in stainless steel with brushed surface. Therefore, in this example the complete code is: XV10# 200 020 OC1 ST SPA (see code example on page 5)

Water Content see page 210.

SUPPORTS

The radiators are supplied with standard supports (code ST) that include wall fixing shelves. On request you can order them with bracket supports permanently welded on the radiators, which must be specified when placing the order and have the following code and cost:

- Right side WALL bracket supports (code MD)
- Left side WALL bracket supports (code MS)
- CEILING bracket supports (code SO)

For radiators the prices of bracket supports include the special OB2 or B2M connectors if required

LIMITS for XV10

- WALL bracket supports Max. 39 elements (Max. Length 59,4 cm)
- CEILING bracket supports all sizes

LIMITS for XV10d

- WALL bracket supports Max. 26 elements (Max. Length 39,9 cm)
- CEILING bracket supports all sizes

PACKING

The cardboard packing box is included in the price of sale of the products, and it contains the wall fixing support shelves and the manual vent valve. The support shelves for the Radiators MUST NOT be recessed in the wall but must be installed with expansion screws (these screws are not included in the packing).

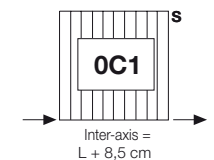
CONNECTORS

The XV10 models are always supplied with "OC1" 3/8" diam. connectors

Should different connectors be required, such connections must be strictly specified in the order. IMPORTANT: the connectors of towel warmers and radiators connected to the same system should all be the same, because different connectors could cause operating problems. N.B.: all the connectors of the Kalmar Ixsteel model are 3/8" in diameter except for the single pipe) connectors which instead are supplied with 1/2" connectors

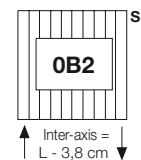
Standard connectors

standard connector always supplied, if not otherwise specified in the order



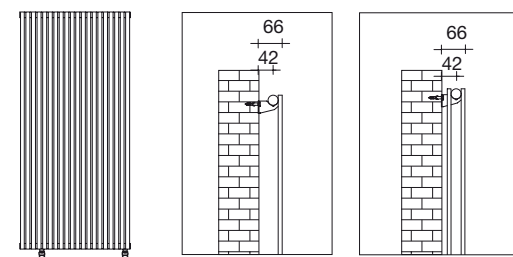
Custom-made connectors

Connectors available on request WITH additional charge



Custom-made connectors

Connectors available on request WITH additional charge



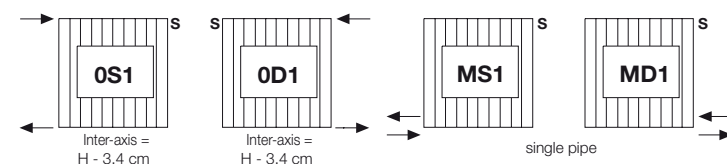
Specify "d" and "t"

B2M

Specify "d" and "t"

Connectors on request

Connectors available on request WITHOUT any additional charge



→ = Position of connectors **S** = Air Vent **I** = Inter-axis between connectors

kalmar ixsteel xv10 vertical single

Price for items with BRUSHED finish and standard connectors, VAT and transport costs not included
Thermal yield ΔT 50°C - Watts per radiator

Height	40		50		60		80		140		160		180		200		220	
	N° elements	Width (cm)	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C
6	9,9	35	46	56	77	135	152	168	183	196								
8	12,9	47	61	75	103	180	203	224	244	262								
10	15,9	59	76	94	129	225	254	280	305	327								
12	18,9	71	91	113	155	270	305	336	366	392								
14	21,9	83	106	132	181	315	356	392	427	458								
16	24,9	94	122	150	206	360	406	448	488	523								
18	27,9	106	137	169	232	405	457	504	549	589								
20	30,9	118	152	188	258	450	508	560	610	654								
22	33,9	130	167	207	284	495	559	616	671	719								
24	36,9	142	182	226	310	540	610	672	732	785								
26	39,9	153	198	244	335	585	660	728	793	850								
28	42,9	165	213	263	361	630	711	784	854	916								
30	45,9	177	228	282	387	675	762	840	915	981								
32	48,9	189	243	301	413	720	813	896	976	1046								
34	51,9	201	258	320	439	765	864	952	1037	1112								
36	54,9	212	274	338	464	810	914	1008	1098	1177								
38	57,9	224	289	357	490	855	965	1064	1159	1243								
40	60,9	236	304	376	516	900	1016	1120	1220	1308								
42	63,9	248	319	395	542	945	1067	1176	1281	1373								
44	66,9	260	334	414	568	990	1118	1232	1342	1439								
46	69,9	271	350	432	593	1035	1168	1288	1403	1504								
48	72,9	283	365	451	619	1080	1219	1344	1464	1570								
50	75,9	295	380	470	645	1125	1270	1400	1525	1635								

SIZES AVAILABLE ON REQUEST: H.70/90/100/110/120/130/150/170/190

Watt = Kcal/h ÷ 0,860
Kcal/h = Watt x 0,860

kalmar ixsteel xv10d vertical double

Price for items with BRUSHED finish and standard connectors, VAT and transport costs not included
Thermal yield ΔT 50°C - Watts per radiator

Height	40		50		60		80		140		160		180		200		220	
	N° elements	Width (cm)	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C	Watts ΔT 50°C
6	9,9	71	85	99	125	195	216	237	257	277								
8	12,9	94	114	132	166	260	288	316	342	369								
10	15,9	118	142	165	208	325	360	395	428	461								
12	18,9	142	170	198	250	390	432	474	514	553								
14	21,9	165	199	231	291	455	504	553	599	645								
16	24,9	189	227	264	333	520	576	632	685	738								
18	27,9	212	256	297	374	585	648	711	770	830								
20	30,9	236	284	330	416	650	720	790	856	922								
22	33,9	260	312	363	458	715	792	869	942	1014								
24	36,9	283	341	396	499	780	864	948	1027	1106								
26	39,9	307	369	429	541	845	936	1027	1113	1199								
28	42,9	330	398	462	582	910	1008	1106	1198	1291								
30	45,9	354	426	495	624	975	1080	1185	1284	1383								
32	48,9	378	454	528	666	1040	1152	1264	1370	1475								
34	51,9	401	483	561	707	1105	1224	1343	1455	1567								

SIZES AVAILABLE ON REQUEST: H.70/90/100/110/120/130/150/170/190

Watt = Kcal/h ÷ 0,860
Kcal/h = Watt x 0,860

kalmar ixsteel xo10 horizontal single + kalmar ixsteel xo10d horizontal double

The XO10 model is a horizontal single-column radiator created with 10mm diam. stainless steel elements.

For widths over 130 cm special reinforcing spacers are applied between the elements (see page 203).

To identify the radiator model to be ordered, proceed as follows: identify and specify the code (e.g. XO10), the width (e.g. 200), the number of elements (e.g. 20 equal to a height of 30,9cm), the type of connector (e.g. 0B1), the type of support (e.g. ST), whereas you do not need to specify the finish because Kalmar Ixsteel only comes in stainless steel with brushed surface. Therefore, in this example the complete code is: XO10# 200 020 0B1 ST SPA (see code example on page 5)

Water Content see page 210.

SUPPORTS

The radiators are supplied with standard supports (code ST) that include wall fixing shelves. On request you can order them with bracket supports permanently welded on the radiators, which must be specified when placing the order and have the following code and cost:

Right side WALL bracket supports (code MD)
Left side WALL bracket supports (code MS)
CEILING bracket supports (code SO)

LIMITS for XO10

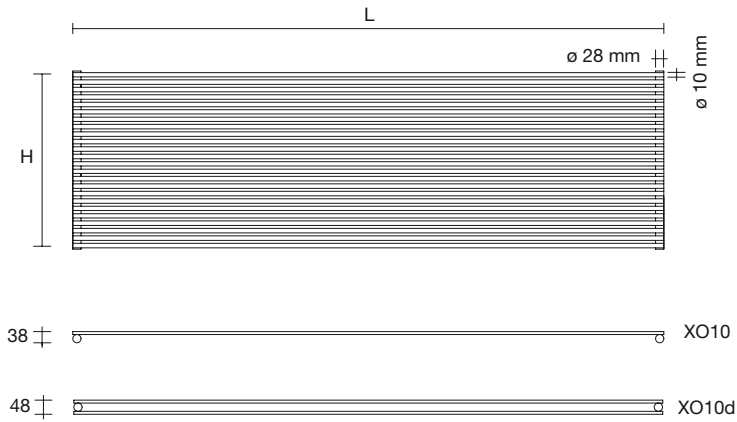
WALL bracket supports 60,0 cm max. width
CEILING bracket supports 80,0 cm max. width

LIMITS for XO10d

WALL bracket supports 40,0 cm max. width
CEILING bracket supports 60,0 cm max. width

PACKING

The cardboard packing box is included in the price of sale of the products, and it contains the wall fixing support shelves and the manual vent valve. The support shelves for the Radiators MUST NOT be recessed in the wall but must be installed with expansion screws (these screws are not included in the packing).



kalmar ixsteel xo10 horizontal single

Price for items with BRUSHED finish and standard connectors, VAT and transport costs not included
Thermal yield $\Delta T 50^\circ C$ - Watts per radiator

Width		40	50	60	80	140	160	180	200	220
N° elements	Height (cm)	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$
6	9,9	41	51	61	81	142	162	183	203	223
8	12,9	54	67	81	108	189	216	243	270	297
10	15,9	68	85	101	135	237	271	304	338	372
12	18,9	82	102	122	163	286	326	367	408	449
14	21,9	96	120	144	191	335	383	431	479	526
16	24,9	110	138	165	220	385	440	495	550	605
18	27,9	125	156	187	249	436	498	561	623	685
20	30,9	139	174	209	278	487	557	627	696	766
22	33,9	154	193	231	308	539	616	693	770	847
24	36,9	169	211	254	338	592	676	761	845	930
26	39,9	184	230	276	368	645	737	829	921	1013
28	42,9	199	249	299	399	698	798	897	997	1097
30	45,9	215	268	322	430	752	859	966	1074	1181
32	48,9	230	288	345	461	806	921	1036	1151	1267
34	51,9	246	308	370	493	862	986	1109	1232	1355
36	54,9	262	327	392	523	916	1047	1177	1308	1439
38	57,9	277	347	416	555	971	1110	1249	1387	1526
40	60,9	293	367	440	587	1027	1174	1320	1467	1614
42	63,9	310	387	464	619	1083	1238	1393	1548	1702
44	66,9	326	407	489	651	1140	1303	1466	1629	1791
46	69,9	342	428	513	684	1197	1368	1539	1710	1881
48	72,9	358	448	538	717	1255	1434	1613	1792	1971
50	75,9	375	469	562	750	1312	1500	1687	1875	2062

SIZES AVAILABLE ON REQUEST: L. 70/90/100/110/120/130/150/170/190

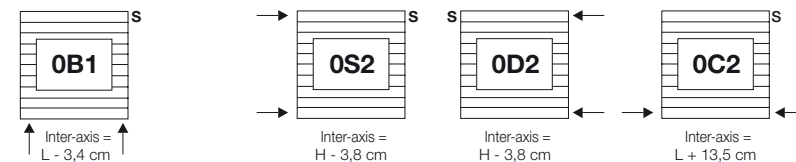
CONNECTORS

The XO10 models are always supplied with "0B1" 3/8" diam. connectors

Should different connectors be required, such connections must be strictly specified in the order. IMPORTANT: the connectors of towel warmers and radiators connected to the same system should all be the same, because different connectors could cause operating problems. N.B.: all the connectors of the Kalmar Ixsteel model are 3/8" in diameter except for the single pipe) connectors which instead are supplied with 1/2" connectors

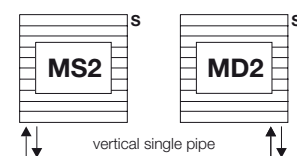
Standard connectors

standard connector always supplied, if not otherwise specified in the order



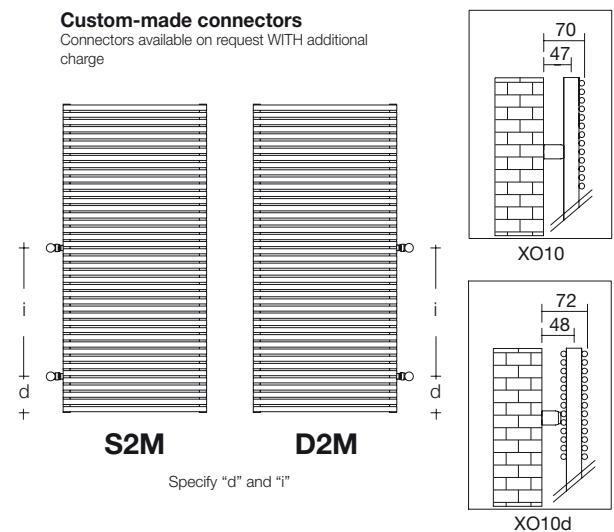
Connectors on request

Connectors available on request WITHOUT any additional charge



Custom-made connectors

Connectors available on request WITH additional charge



→ = Position of connectors S = Air Vent I = Inter-axis between connectors

kalmar ixsteel xo10d horizontal double

Price for items with BRUSHED finish and standard connectors, VAT and transport costs not included
Thermal yield $\Delta T 50^\circ C$ - Watts per radiator

Width		40	50	60	80	140	160	180	200	220
N° elements	Height (cm)	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$	Watts $\Delta T 50^\circ C$
6	9,9	82	103	124	165	289	330	371	412	453
8	12,9	104	130	156	208	365	417	469	521	573
10	15,9	126	157	188	251	440	502	565	628	691
12	18,9	147	184	221	294	515	588	662	735	809
14	21,9	168	211	253	337	589	674	758	842	926
16	24,9	190	237	285	380	665	760	855	950	1045
18	27,9	212	265	317	423	741	846	952	1058	1164
20	30,9	233	292	350	467	817	934	1050	1167	1284
22	33,9	256	319	383	511	894	1022	1150	1278	1406
24	36,9	278	347	417	556	973	1112	1251	1390	1529
26	39,9	301	376	451	601	1052	1202	1353	1503	1653
28	42,9	324	404	485	647	1132	1294	1456	1618	1780
30	45,9	347	434	520	694	1214	1388	1561	1734	1908
32	48,9	371	463	556	741	1297	1482	1668	1853	2038
34	51,9	395	493	592	789	1381	1578	1776	1973	2170

SIZES AVAILABLE ON REQUEST: L. 70/90/100/110/120/130/150/170/190