

Wall-Mounted Enclosures Sheet Steel Powder Coated WST



WST Family



WST1210302



WST6040210



WST6050305



WST2020150



Schrack-Info

- **Material:** Robust, cross-shaped construction which is folded and welded from a cold-pressed sheet steel plate depending on the enclosure size. The enclosure consists of two parts: corpus and door
- **Sheet steel thickness corpus:**
 - Single door:
 - 1.2 mm: WST2020150 to WST7050260
 - 1.5 mm: WST8040300 to WST1208400
 - Double door:
 - 1.2 mm: WST6080302
 - 1.5 mm: WST8012302 to WST1410302
- **Gland plates:** Blind gland plates made of 1.4 mm powder-coated sheet steel. The enclosure edge is a double folded rain gutter to allow the water drainage on the gasket. The cable entry is possible via the gland plate openings in the floor and the top because the enclosure can be rotated by 180°. The placement far back in the enclosure ensures an easy cable entry. A gasket to protect the degree of protection is included
- **Door:** Made of sheet steel and equipped with M8 threaded bolts for earthing. Sheet steel thickness:
 - Single door:
 - 1.2 mm: WST2020150 to WST6040300
 - 1.5 mm: WST6050150 to WST8040300
 - 2 mm: WST8060210 to WST1208400
 - Double door:
 - 1.5 mm: WST6080302
 - 2 mm: WST8012302 to WST1410302

All single door enclosures from a height of 400 mm (starting with WST4030150) as well as all double door enclosures are fitted with preassembled door-mounting profiles, which also serve for rail fastening

The door is secured with two and from a height of 1000 mm with three hinges and has a 130° opening angle. The door hinges are hidden and the door is attached with safety pins. The position of door hinges can be easily changed. The doors have a polyurethane foam seal

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- **Lock:**

- Single door:

- 1 x sash lock: WST2020150 to WST5050300

- 2x sash locks: WST6040150 to WST1008400

- 1 x Mini-swing handle: WST1206300 to WST1208400

- Double door:

- 2x sash locks: WST6080302 to WST1010302

- 1 x Mini-swing handle: WST1210302 to WST1410302

Single door and double door enclosures from a height of 600 mm have two sash locks

Single door and double door enclosures from a height of 1200 mm are equipped with a 3-point rod lock with mini-swing handle (see technical tables for a detailed overview)

The mini-swing handle with 5 mm double-bit lock can be exchanged for a swing handle for half-cylinder locks

- **Mounting plate:** 2 mm galvanised sheet steel

The all-round edged mounting plate is installed on welded M8 bolts inside the enclosure and can be removed for assembly and wiring. In order to comply with the EMV guidelines, the mounting plate is made of 2 mm sendzimir galvanised sheet steel. It comes with earthing points to establish a connection to the body of the enclosure

From an enclosure height of 1000 mm (and higher), the width of the respective mounting plate is reduced by 10 mm to ensure the best possible stability

- **Mounting:** The enclosure is directly mounted to the wall with screws via the rear panel (with plastic washers on the inside) or with one of the two as accessory available wall-mounting brackets

- WSTWB004 for enclosures up to and including 800 mm height or

- WSTWB006 for enclosures from a height of 1000 mm

In both cases, the degree of protection is maintained

The four 8.5 mm diameter wall-mounting holes are arranged in the corners of the rear panel and the two additional holes are placed centrally at a height of 1000 mm, all at the edge distance of 20 mm

Several enclosures can be mounted beside each other thanks to the small door opening radius

- **Outdoor installation:** For outdoor installation the use of a rain hood (WSTD...) is recommended. A corresponding corrosion protection should also be considered

- **Degree of protection:** Single door IP65 and double door IP54

- **Impact resistance:** IK10 according to IEC 60529

- **Finish:** Epoxy-polyester textured powder coating. All enclosure parts are pretreated with ferric phosphate and demineralised

- **Color:** RAL7035 (Light grey)

- **Delivery includes:** Enclosure with door and two door-mounting profiles (from size WST4030150 and above), double door enclosures each with two door-mounting profiles in the inside of the doors. Gland plate(s) with gasket(s) and screws, one double-bit 5 mm key and mounting plate with mounting material. Earthing possibilities are given

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Model Code WST

Enclosures up to 1000 mm height

W	S	T	4	0	5	0	2	1	0
Wall-mounted enclosure			Height e.g. 400 mm = 40		Width e.g. 500 mm = 50		Depth e.g. 210 mm = 21		

- Design**
- 0 = Single door with mounting plate
 - 1 = Single door without mounting plate
 - 2 = Double door with mounting plate
 - 5 = Glazed door without mounting plate

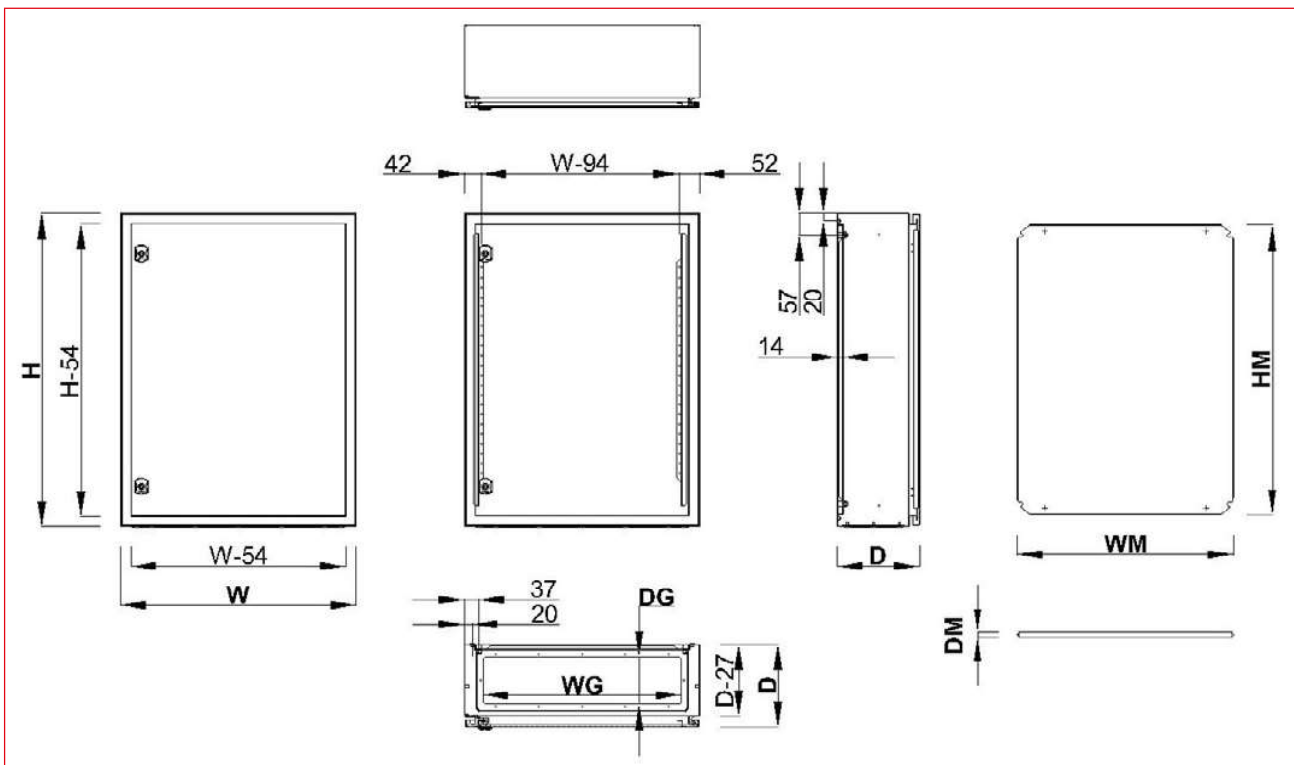
Enclosures from 1000 mm height

W	S	T	1	0	0	6	3	0	0
Wall-mounted enclosure			Height e.g. 1000 mm = 10		Width e.g. 600 mm = 06		Depth e.g. 300 mm = 30		

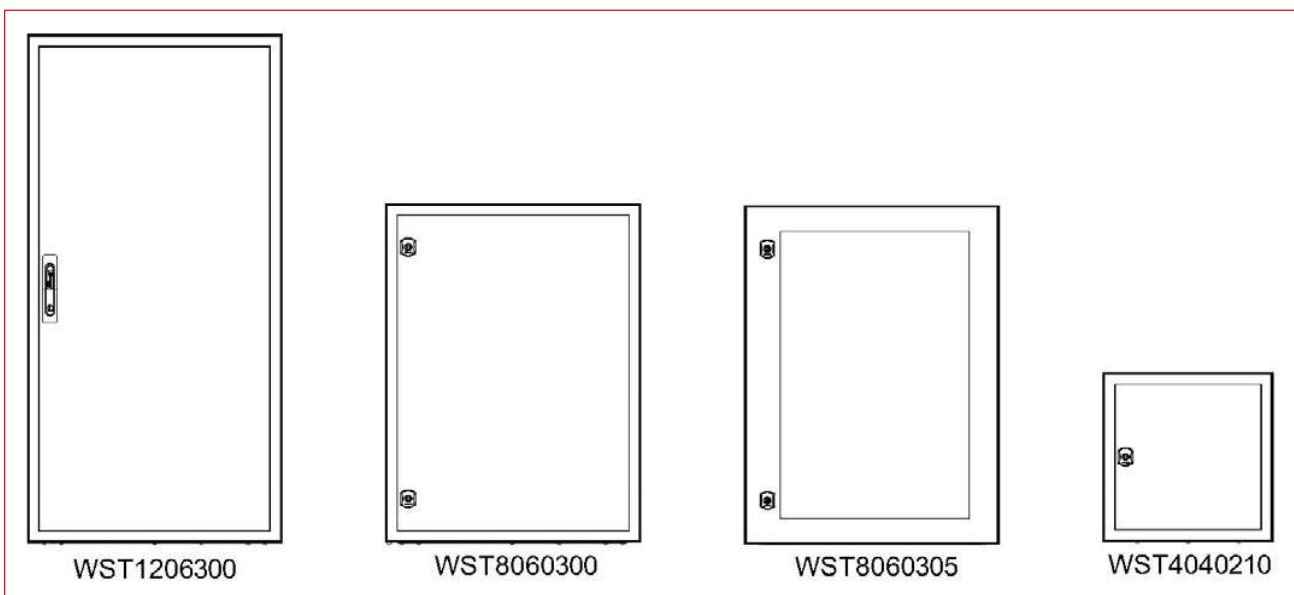
- Design**
- 0 = Single door with mounting plate
 - 2 = Double door with mounting plate

Wall-Mounted Enclosures Sheet Steel Powder Coated WST

Dimensions Wall-Mounted Enclosure WST - Single Door (mm)



Single Door Selection Examples WST



Wall-Mounted Enclosures Sheet Steel Powder Coated WST

Wall-Mounted Enclosures WST - Single Door

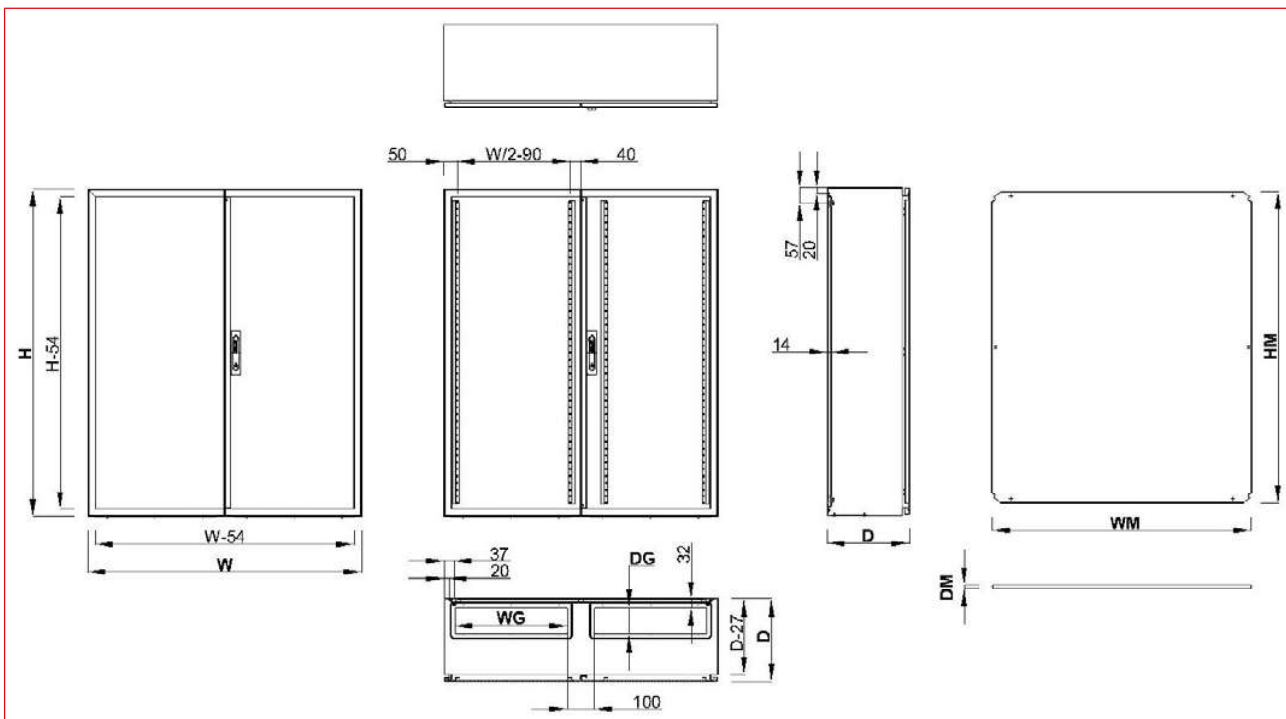
Article number	Housing			Wall thickness			Door		Gland plates				Mounting plate			Rear panel	Weight (kg)	Radiant power loss (W)*
	(mm)			(mm)			Number of locks	Number of hinges	WG (mm)	DG (mm)	Type	Pcs.	(mm)			Number of fixings		
H	W	D	Corpus	Door	Mounting plate	HM							WM	DM				
With mounting plate																		
WST2020150	200	200	155	1.2	1.2	2	1	2	-	-	-	-	140	150	12	4	3	-30
WST2520150	250	200	155	1.2	1.2	2	1	2	-	-	-	-	190	150	12	4	3	-35
WST2525150	250	250	155	1.2	1.2	2	1	2	192	62	A	1	190	200	12	4	4	-41
WST3025150	300	250	155	1.2	1.2	2	1	2	192	62	A	1	240	200	12	4	5	-47
WST3025210	300	250	210	1.2	1.2	2	1	2	192	62	A	1	240	200	12	4	5	-56
WST3030150	300	300	155	1.2	1.2	2	1	2	192	62	A	1	240	250	12	4	5	-53
WST3030210	300	300	210	1.2	1.2	2	1	2	192	62	A	1	240	250	12	4	6	-63
WST3525150	350	250	155	1.2	1.2	2	1	2	192	62	A	1	290	200	12	4	5	-53
WST4030150	400	300	155	1.2	1.2	2	1	2	192	62	A	1	340	250	12	4	7	-67
WST4030210	400	300	210	1.2	1.2	2	1	2	192	62	A	1	340	250	12	4	8	-78
WST4040210	400	400	210	1.2	1.2	2	1	2	309	119	D	1	340	350	12	4	10	-95
WST4050210	400	500	210	1.2	1.2	2	1	2	409	96	E	1	340	450	12	4	12	-111
WST4060210	400	600	210	1.2	1.2	2	1	2	505	119	F	1	340	550	12	4	14	-128
WST5030210	500	300	210	1.2	1.2	2	1	2	209	119	B	1	440	250	12	4	10	-94
WST5040150	500	400	155	1.2	1.2	2	1	2	300	60	C	1	440	350	12	4	11	-97
WST5040210	500	400	210	1.2	1.2	2	1	2	309	119	D	1	440	350	12	4	12	-113
WST5040260	500	400	260	1.2	1.2	2	1	2	309	119	D	1	440	350	12	4	13	-127
WST5040300	500	400	300	1.2	1.2	2	1	2	309	119	D	1	440	350	12	4	13	-138
WST5050210	500	500	210	1.2	1.2	2	1	2	409	96	E	1	440	450	12	4	14	-132
WST5050300	500	500	300	1.2	1.2	2	1	2	409	96	E	1	440	450	12	4	16	-160
WST6040150	600	400	155	1.2	1.2	2	2	2	300	60	C	1	540	350	12	4	13	-114
WST6040210	600	400	210	1.2	1.2	2	2	2	309	119	D	1	540	350	12	4	14	-131
WST6040260	600	400	260	1.2	1.2	2	2	2	309	119	D	1	540	350	12	4	15	-147
WST6040300	600	400	300	1.2	1.2	2	2	2	309	119	D	1	540	350	12	4	15	-159
WST6050150	600	500	155	1.2	1.5	2	2	2	300	60	C	1	540	450	12	4	16	-134
WST6050210	600	500	210	1.2	1.5	2	2	2	409	96	E	1	540	450	12	4	17	-153
WST6050260	600	500	260	1.2	1.5	2	2	2	409	96	E	1	540	450	12	4	18	-170
WST6050300	600	500	300	1.2	1.5	2	2	2	409	96	E	1	540	450	12	4	19	-184
WST6060210	600	600	210	1.2	1.5	2	2	2	505	119	F	1	540	550	12	4	20	-175
WST6060300	600	600	300	1.2	1.5	2	2	2	505	119	F	1	540	550	12	4	22	-208
WST6060400	600	600	400	1.2	1.5	2	2	2	505	119	F	1	540	550	12	4	25	-245
WST6080300	600	800	300	1.2	1.5	2	2	2	309	119	D	2	540	750	12	4	30	-257
WST7050210	700	500	210	1.2	1.5	2	2	2	409	96	E	1	640	450	12	4	20	-174
WST7050260	700	500	260	1.2	1.5	2	2	2	409	96	E	1	640	450	12	4	21	-193
WST8040300	800	400	300	1.5	1.5	2	2	2	309	119	D	1	740	350	12	4	24	-202
WST8060210	800	600	210	1.5	2	2	2	2	505	119	F	1	740	550	12	4	31	-222
WST8060260	800	600	260	1.5	2	2	2	2	505	119	F	1	740	550	12	4	33	-244
WST8060300	800	600	300	1.5	2	2	2	2	505	119	F	1	740	550	12	4	34	-261
WST8060400	800	600	400	1.5	2	2	2	2	505	119	F	1	740	550	12	4	37	-305
WST8080210	800	800	210	1.5	2	2	2	2	309	119	D	2	740	750	12	4	39	-276
WST8080300	800	800	300	1.5	2	2	2	2	309	119	D	2	740	750	12	4	43	-320
WST8080400	800	800	400	1.5	2	2	2	2	309	119	D	2	740	750	12	4	46	-370
WST1006260	1000	600	260	1.5	2	2	2	3	505	119	F	1	940	540	12	6	40	-294
WST1006300	1000	600	300	1.5	2	2	2	3	505	119	F	1	940	540	12	6	41	-314
WST1008260	1000	800	260	1.5	2	2	2	3	309	119	D	2	940	740	12	6	50	-362
WST1008300	1000	800	300	1.5	2	2	2	3	309	119	D	2	940	740	12	6	51	-384
WST1008400	1000	800	400	1.5	2	2	2	3	309	119	D	2	940	740	12	6	56	-440
WST1206300	1200	600	300	1.5	2	2	1 SH**	3	505	119	F	1	1140	540	12	6	48	-367
WST1208300	1200	800	300	1.5	2	2	1 SH**	3	309	119	D	2	1140	740	12	6	60	-448
WST1208400	1200	800	400	1.5	2	2	1 SH**	3	309	119	D	2	1140	740	12	6	65	-511
Without mounting plate																		
WST6040211	600	400	210	1.2	1.2	-	2	2	309	119	D	1	-	-	-	4	12	-131
WST8060211	800	600	210	1.5	2	-	2	2	505	119	F	1	-	-	-	4	27	-222
With glazed door, without mounting plate																		
WST6050305	600	500	300	1.2	1.5	-	2	2	409	96	E	1	-	-	-	4	17	-184
WST8060305	800	600	300	1.5	2	-	2	2	505	119	F	1	-	-	-	4	32	-261

*Max. radiated power of housing calculated as a wall-mounted single fixed with $\Delta T = 35K$. For information details and legal notes see page 23.

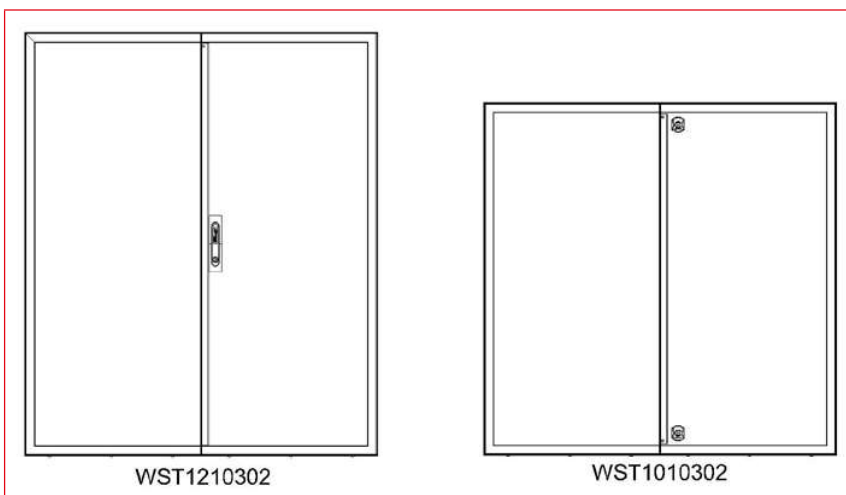
**SH = Mini-Swing handle

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Dimensions Wall-Mounted Enclosure WST - Double Door (mm)



Double Door Selection Examples WST



Wall-Mounted Enclosures WST - Double Door

Article number	Housing			Wall thickness			Doors		Gland plates				Mounting plate			Rear panel	Weight (kg)	Radiant power loss (W)*
	(mm)			(mm)			Number of locks	Number of hinges	WG (mm)	DG (mm)	Type	Pcs.	(mm)			Number of fixings		
H	W	D	Corpus	Door	Mounting plate													
With mounting plate																		
WST6080302	600	800	300	1.2	1.5	2	2	4	309	119	D	2	540	750	12	4	29	-257
WST8012302	800	1200	300	1.5	2	2	2	4	505	119	F	2	740	1150	12	4	61	-439
WST8012402	800	1200	400	1.5	2	2	2	4	505	119	F	2	740	1150	12	4	65	-585
WST1010302	1000	1000	300	1.5	2	2	2	6	409	96	E	2	940	940	12	6	63	-454
WST1210302	1200	1000	300	1.5	2	2	1 SH**	6	409	96	E	2	1140	940	12	6	74	-529
WST1212302	1200	1200	300	1.5	2	2	1 SH**	6	505	119	F	2	1140	1140	12	6	86	-610
WST1212402	1200	1200	400	1.5	2	2	1 SH**	6	505	119	F	2	1140	1140	12	6	91	-684
WST1410302	1400	1000	300	1.5	2	2	1 SH**	6	409	96	E	2	1340	940	12	6	85	-604

*Max. radiated power of housing calculated as a wall-mounted single fixed with $\Delta T = 35K$. For information details and legal notes see page 23.

**SH = Mini-Swing handle