

SlimLine Pro & Vario

Enclosure cooling with a new
one-man installation design



SlimLine Pro & Vario



EASY MOUNTING

One-man mounting without any additional installation material which reduces the installation time and costs by 60%.

OPTIMISED MODEL RANGE

Variable speed or standard compressors in only 4 housing dimensions for cooling capacities from 300 W to 6 kW.

ENERGY EFFICIENT

Due to well designed COP values.

EXTENDED TEMPERATURE RANGE

-40°C and +60°C

ENHANCED PROTECTION CLASS

By default IP 56, NEMA 4 or with stainless steel housing 4X.

BUILT-IN CONDENSATE EVAPORATION

All models come with an electrical condensate evaporator.

MODBUS

Industrial communication interface via RS 485 (only with Vario).

SUITABLE FOR US ENCLOSURES

Matching US enclosure dimensions (10/12/16").

New!



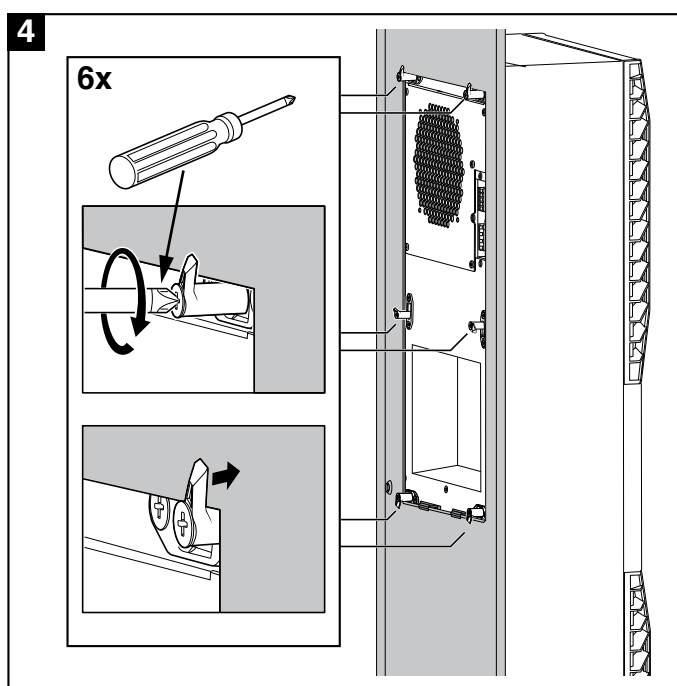
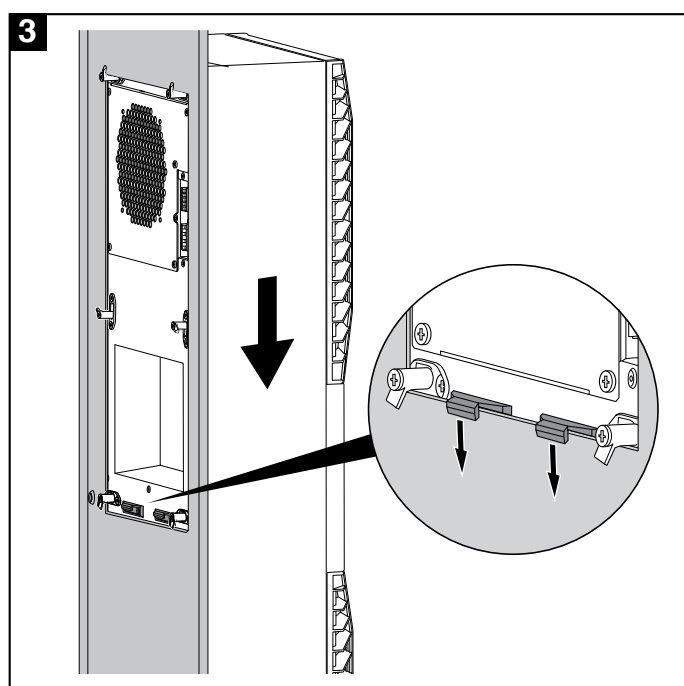
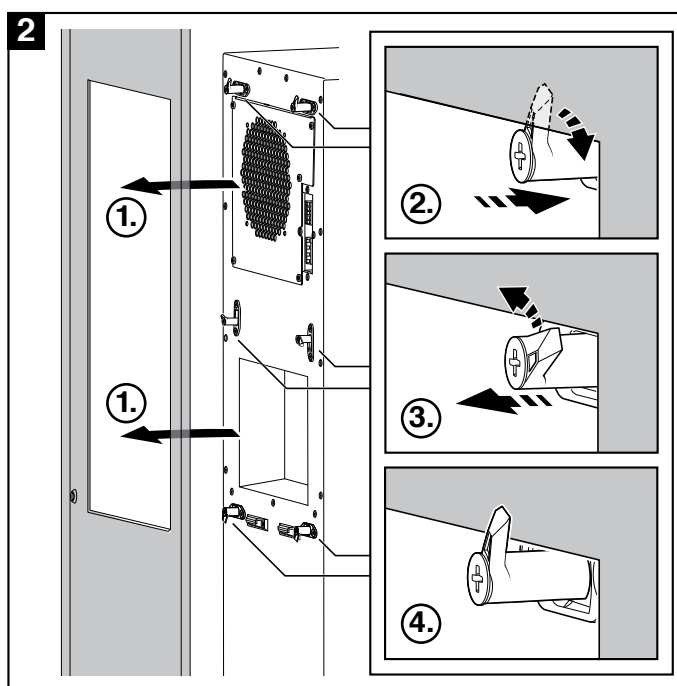
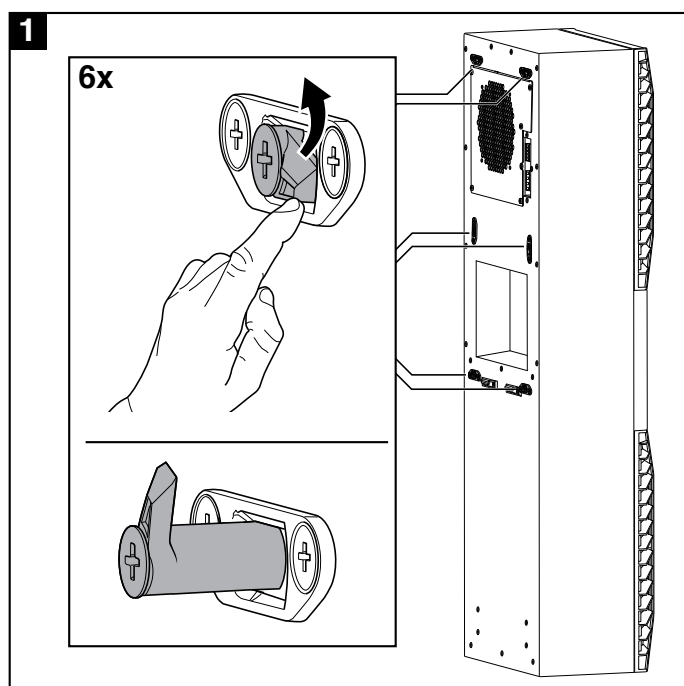
PUSHFIT TERMINAL BLOCK

Toolless, one-hand wiring - 70% time saving.

Easy installation thanks to a patented one-man installation design

With only 4 easy steps, the cooling unit can be installed in no time thanks to the integrated mounting clips. No additional installation material like bolts, screws or nuts is required.

Step 1: Loosen the mounting clips from their original position. **Step 2:** Push cooling unit into cut out. The mounting clips snap to the side and lock behind the enclosure wall. **Step 3:** Slide the cooling unit downwards until it rests on the mounting brackets. The unit is now ready in a safe position. **Step 4:** Tighten the mounting clips by means of a screwdriver.



SlimLine Pro - series 8500

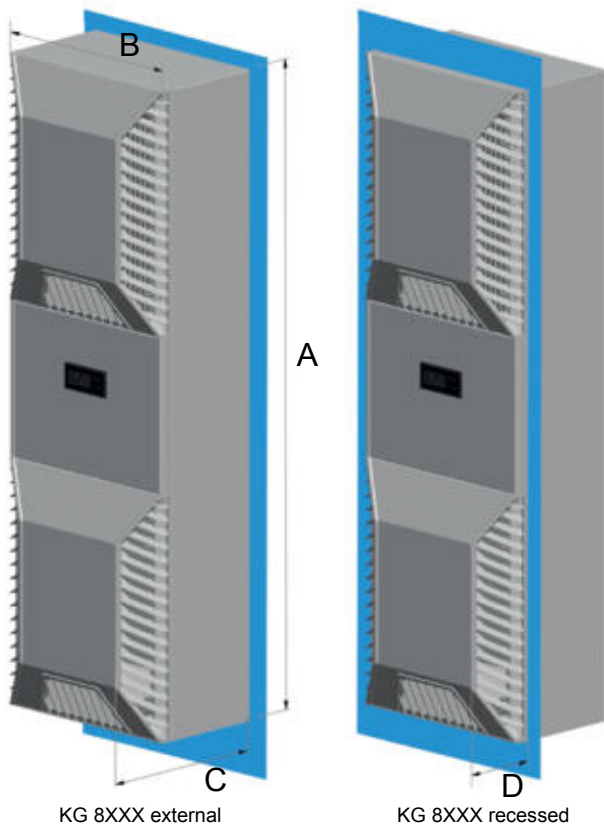
MODEL	KG 8503 - 300 W		KG 8506 - 600 W		KG 8508 - 800 W		
Order number	850300001	850310001	850600001	850610001	850800001	850810001	850820001
Cooling capacity L35L35	300 W		600 W		800 W		
Cooling capacity L35L50	240 W		485 W		645 W		
Heating capacity (optional)	150 W		300 W		400 W		
Air flow ambient / cabinet	250 / 100 m³/h				500 / 300 m³/h		
Dimensions A x B x C (D)	600 x 250 x 135 (45) mm				950 x 305 x 210 (55) mm		
Housing material / colour	Mild steel, powder coated / RAL 7035						
Weight	20 kg		21 kg		30 kg	36 kg	
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	230 V ~ 50/60 Hz	120V ~ 60 Hz	230 V~ 50/60 Hz	120 V ~ 60 Hz	400/460 V 50/60 Hz 2~
Max. current	1.1 A	2.2 A	2.3 A	4.6 A	3.4 A	6.8 A	1.8 A
Starting current	3.5 A	7.5 A	6 A	13 A	14 A	28 A	14 A
Max. power consumption	250 W	250 W	550 W	550 W	750 W	770 W	770 W
Fuse	2 A (T)	3.6 A (T)	4 A (T)	8 A (T)	6 A (T)	12 A (T)	3 A (T)
Connection	4 pole terminal block for electrical connection, 5 pole terminal block for signals						

MODEL	KG 8512 - 1.2 kW			KG 8515 - 1.5 kW			KG 8520 - 2 kW		
Order number	851200001	851210001	851220001	851500001	851510001	851520001	852000001	852010001	852020001
Cooling capacity L35L35	1.20 kW			1.50 kW			2.00 kW		
Cooling capacity L35L50	965 W			1.35 kW			1.58 kW		
Heating capacity (optional)	800 W						1,000 W		
Air flow ambient / cabinet	500 / 300 m³/h			750 / 450 m³/h					
Dimensions A x B x C (D)	950 x 305 x 210 (55) mm			1,350 x 395 x 210 (55) mm					
Housing material / colour	Mild steel, powder coated / RAL 7035								
Weight	40 kg	47 kg		50 kg	58 kg		52 kg	60 kg	
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V 50/60 Hz 2~	230 V ~ 50/60 Hz	120V ~ 60 Hz	400/460 V 50/60 Hz 2~	230 V~ 50/60 Hz	120 V ~ 60 Hz	400/460 V 50/60 Hz 2~
Max. current	4.3 A	9.5 A	2.1 A	4.7 A	9.5 A	2.9 A	6.5 A	12.8 A	2.9 A
Starting current	15 A	30 A	15 A	16 A	32 A	16 A	16 A	32 A	16 A
Max. power consumption	1000 W	1050 W	1050 W	1100 W	1150 W	1150 W	1500 W	1550 W	1550 W
Fuse	7 A (T)	16 A (T)	3.5 A (T)	8 A (T)	16 A (T)	5 A (T)	12 A (T)	22 A (T)	5 A (T)
Connection	4 pole terminal block for electrical connection, 5 pole terminal block for signals								

MODEL	KG 8525 - 2.5 kW			KG 8540 - 4 kW		KG 8560 - 6 kW
Order number	852500001	852510001	852520001	854000001	854020001	856020001
Cooling capacity L35L35	2.50 kW			4.00 kW		6.00 kW
Cooling capacity L35L50	2.02 kW			3.00 kW		4.83 kW
Heating capacity (optional)	1,500 W			2,000 W		
Air flow ambient / cabinet	750 / 450 m³/h			1,200 / 825 m³/h		
Dimensions A x B x C (D)	1,350 x 395 x 210 (55) mm			1,550 x 455 x 270 (70) mm		
Housing material / colour	Mild steel, powder coated / RAL 7035					
Weight	65 kg	73 kg	67 kg	70 kg	72 kg	85 kg
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V 50/60 Hz 3~	230 V ~ 50/60 Hz	400/460 V 50/60 Hz 3~	400/460 V 50/60 Hz 3~
Max. current	9.6 A	19.3 A	4.1 A	13.5 A	6.5 A	10.5 A
Starting current	22.5 A	45 A	11 A	50 A	25 A	46 A
Max. power consumption	2,200 W	2,250 W	2,250 W	3,100 W	3,200 W	4,150 W
Fuse	16 A (T)	32 A (T)	7 A (T)	23 A (T)	10 A (T)	18 A (T)
Connection	4 pole terminal block for electrical connection, 5 pole terminal block for signals					

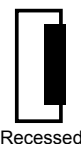
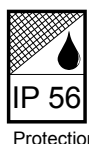
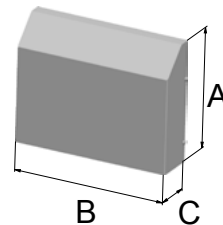
SlimLine Vario - series 8600

MODEL		KG 8625 - 2.5 kW
Order number		862500001
Cooling capacity L35L35		2.5 kW
Variable cooling range		700 W - 2.5 kW
Air flow ambient / cabinet		750 / 450 m³/h
Dimensions A x B x C (D)		1,350 x 395 x 210 (55) mm
Housing material / colour		Mild steel, powder coated / RAL 7035
Weight		55 kg
Voltage / Frequency		120 - 230 V ~ 50/60 Hz
Max. current		10 A @ 120 V / 5 A @ 230 V
Starting current		5 A
Max. power consumption		1,170 W
Fuse		18 A (T) @ 120 V / 9 A (T) @ 230 V
Connection		4 pole terminal block for electrical connection, 5 pole terminal block for signals

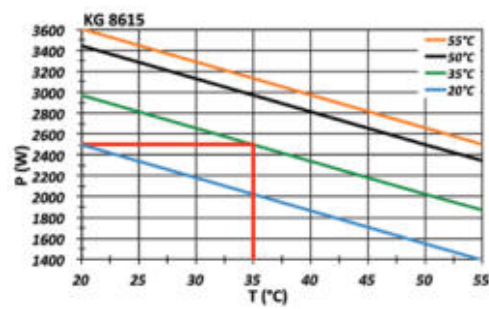
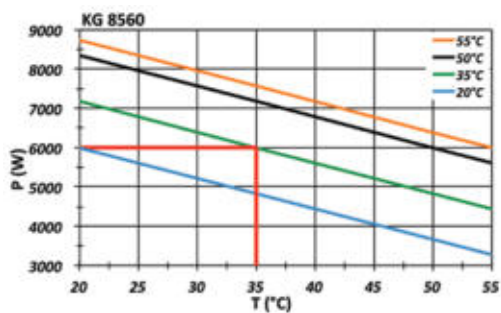
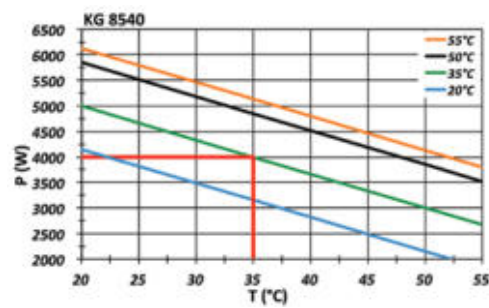
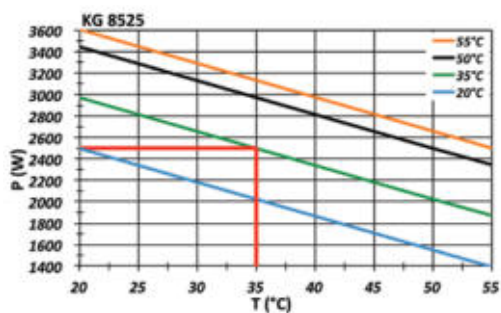
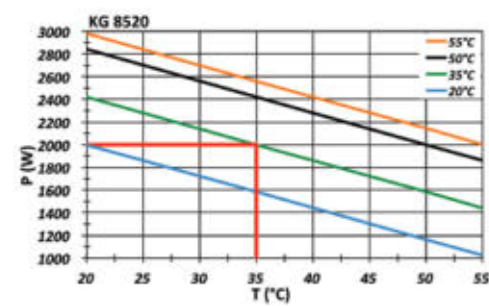
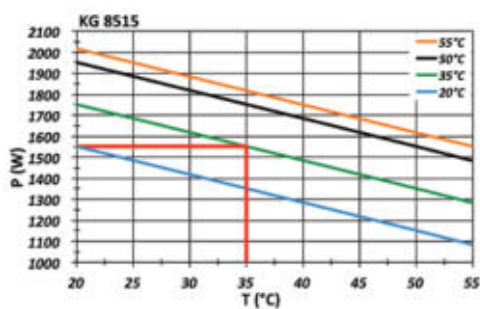
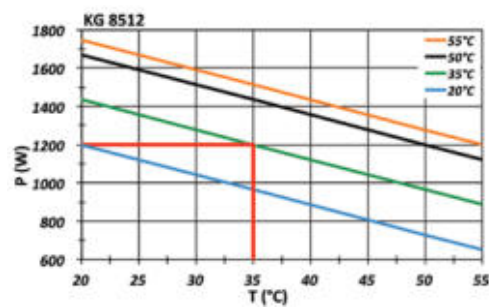
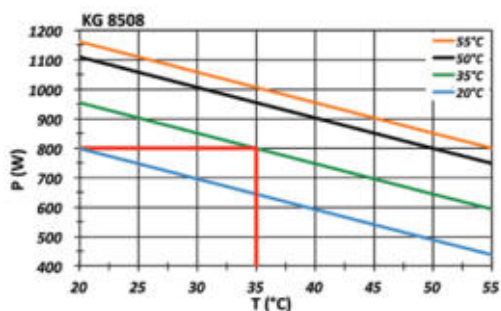
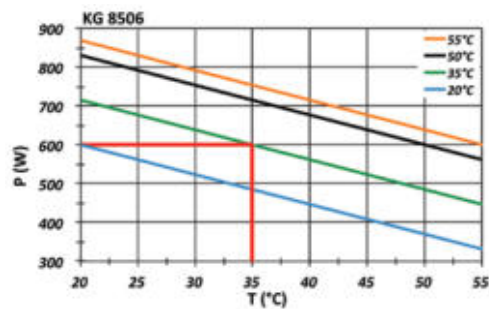
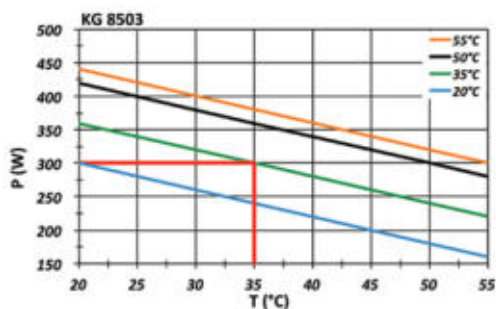


Accessories for KG 85XX / 86XX:

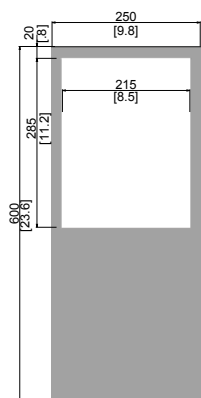
Air flow duct	
Model	Dimensions A x B x C
KG-8503-8506	90 x 185 x 65 mm
KG-8508-8512	165 x 225 x 65 mm
KG-8515-8525	230 x 295 x 75 mm
KG-8540-8560	345 x 345 x 115 mm



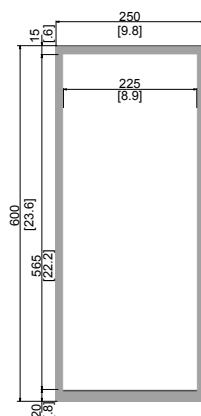
Performance graphs



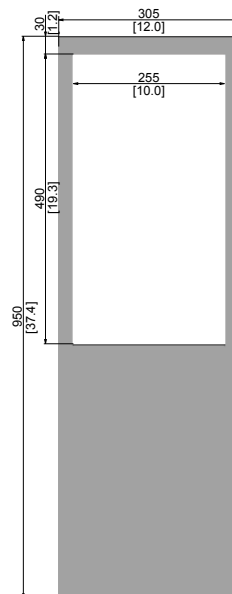
Mounting templates



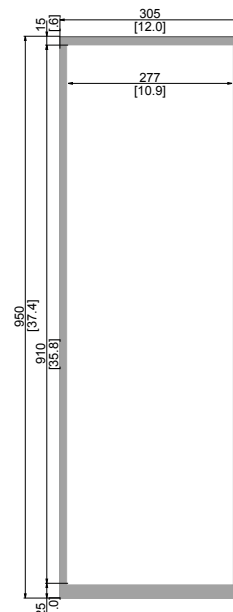
KG 8503 / 06 external



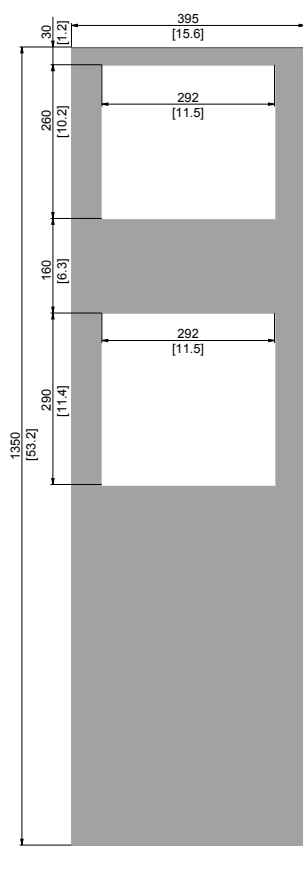
KG 8503 / 06 recessed



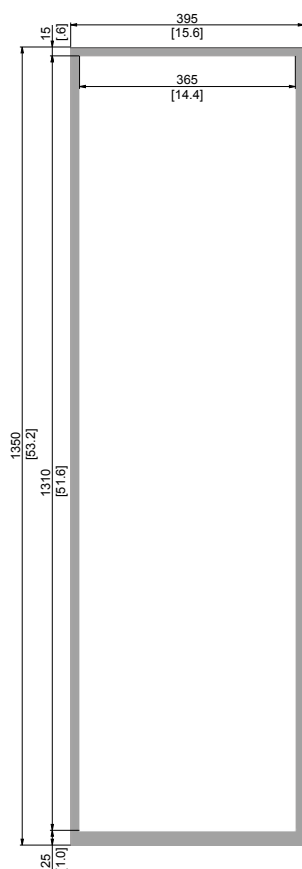
KG 8508 / 12 external



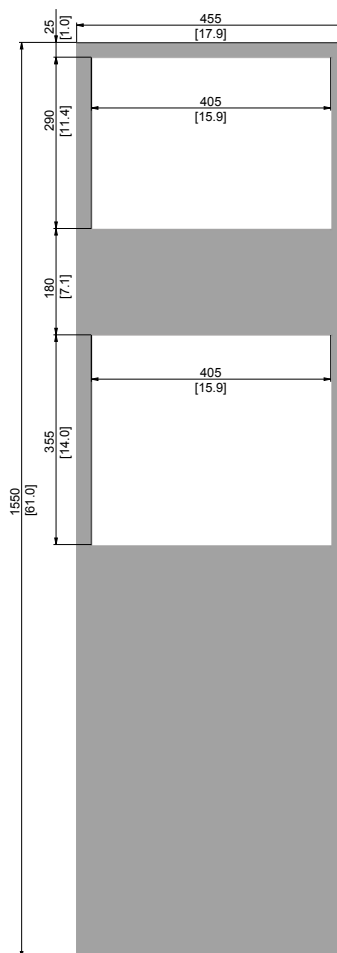
KG 8508 / 12 recessed



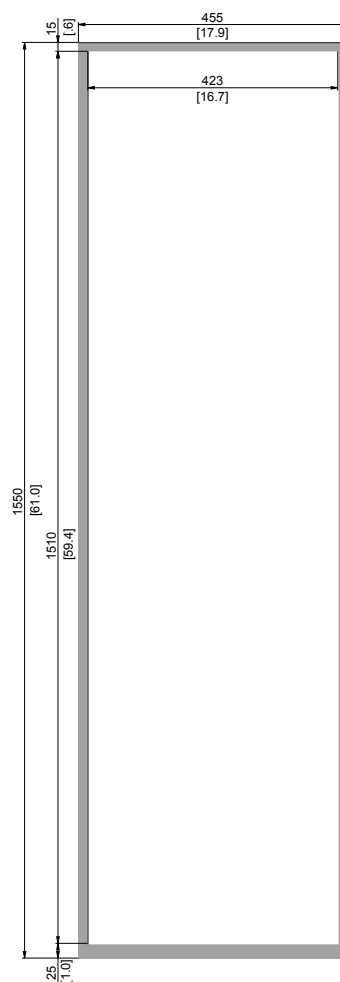
KG 8515 / 20 / 25 external



KG 8515 / 20 / 25 recessed



KG 8540 / 60 external



KG 8540 / 60 recessed