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Design



# Training content

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# Design Basics

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Version 11/2022

## Systemat

- Cabinets are frameless so appliance cabinets have to be the same width as appliances (e.g. 30'' oven in 30'' oven cabinet)
- Side panels are always flush with front
- Side panels always have a vertical grain, if front has horizontal grain use RW54/NV54 to match front
  - might need to divide tall panels due to max. sizes
- Our standard top molding (DE29 ceiling filler) is flush with the box, if it is supposed to be flush with the front add FM200

## SystematArt

- Avoid 135° corners, only 90° corner caps for channel are available
- Horizontal and vertical channel handles should not bump against each other → place side panel in between
- If wall cabinets are stacked the top cabinet has to be a Systemat cabinet with push to open function because the channel would be covered by the bottom cabinet
- If you stack wall cabinets on top of tall cabinets with vertical channels use DK999/DKS999 in custom height

# US Specific Designs

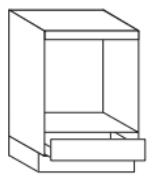
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# US Specific Designs

- Standard cabinet depth is 22 1/16" so cabinets are pulled off the wall by 1 15/16" to achieve 24" depth  
→ total side panel depth is 24 15/16"
- Avoid 56cm (22 1/16") deep cabinets for sinks and appliances, 24" deep cabinets are available  
→ instead of SPUM9078D use USI907803  
→ instead of HUS60781 use UMI617804

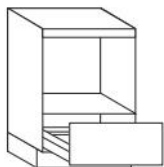


126

**Base unit for built-in oven**  
1 fixed front panel  
1 drawer  
without drillings  
handle supplied loose  
aperture 23.03"-23.43"

	
Suitable in combination with built-in oven/self-sufficient hob	

23.62 | HUS60781



256

**Base unit for built-in cooker for microwave oven**  
1 fixed front panel  
aperture height: 17.72"  
1 pull-out


AV...: 5090, 5095, 8000

24 | UMI617804  
30 | UMI767804

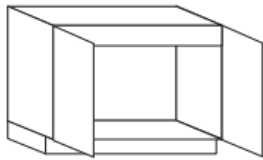
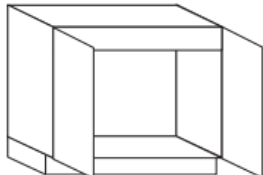
- Apron front/farmhouse sink with slab door
  - reduce sink cabinet in width to match sink and reduce height accordingly
- Apron front/farmhouse sink with shaker door
  - shaker doors not available in custom sizes so cabinet needs to follow standard widths and heights
    - e.g. 36'' (91.4cm) sink in a 39 3/8'' (100cm) cabinet and the rest of the width is covered with UPF526 fillers;
    - doors/drawers need to be standard heights so we might need to work with false drawer fronts as a filler to get sink to the required height



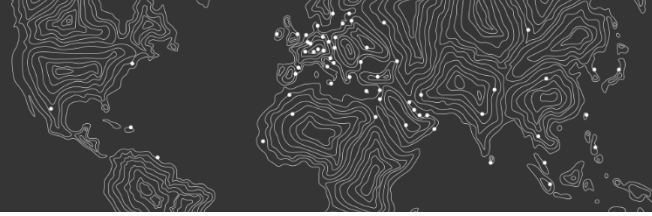


# US Specific Designs

- Alternatively we offer sink cabinets that are already reduced in height
- 20.5” and 25.6” in height respectively (excluding toe-kick)
- If those sizes match your sink you can use these cabinets, otherwise the sink might not be exactly flush with countertop or top of cabinet

 <p>516</p>	<p><b>Sink base unit</b> <b>20.47” carcass height</b> 2 doors 1 internal panel 1 back panel</p>	30	USI765203
		36	USI915203
 <p>646</p>	<p><b>Sink base unit</b> <b>25.59” carcass height</b> 2 doors 1 internal panel 1 back panel</p>	30	USI766503
		36	USI916503

- 48" range cooktop with slab door → two cabinets in custom width 24"
- 48" range cooktop with shaker door → 47 ¼" (120cm) cabinet or 2x 23 5/8" (60cm) cabinets with an additional panel (e.g. 1" W255878)
- Wall cabinets taller than 104cm (40.95"): stack two boxes without fronts and order one full height front separately (FM300 for slab doors or FM600 for AV6055)
- Tall cabinets taller than panel-ready refrigerator?  
→ Add an AB1637 shelf and NV50 (or NV54) panel for above the appliance and behind the custom fridge panel so that the gap is covered when the appliance is opened



- If you place a wall cabinet over a free standing fridge please make sure to add an AB1675 shelf for support and to cover the bottom of the cabinet
- When arranging the wall cabinet please keep in mind that they have individual hanging rails, not one continuous rail  
→ place wall cabinets according to placements of studs

# Open discussion & questions



Thank you for your attention

