

# Low Pressure Laminated Frameless Cabinet

## SPECIFICATIONS

### CERTIFIED MATERIAL SPECIFICATIONS

- All industrial grade particleboard and MDF are CARB-certified (California Air Resource Board) and EPP-certified (Environmentally Preferable Product). Certification is from the Composite Panel Association (CPA). Particleboard and MDF meet CPA EPPS 002-06 standards. Hardwood plywood panels if used meet ANSI/HPVA HP-1 and adhere to the Sustainable Forestry Initiative (SFI). Panels are certified to the CARB ATCM 93120 Phase 2 emission limit.

### CABINET BOX CONSTRUCTION

- Sides, shelves, tops and bottoms are 3/4" industrial particleboard and are assembled using 8mm hardwood dowels. Backs are 1/4" MDF (medium density fiberboard) and are dadoed into sides, tops and bottoms being fully encased after assembly. Back is inset into cabinet 5/8" and has a plywood strip attached to exterior for wall attachment. Boxes are squared and pressed together using case clamping. Box sides are line drilled with 5mm holes on 32mm centers for shelf pegs and integrated 32mm type hardware. Shelf fronts are banded with matching 1mm PVC impact resistant bumper edging. Base shelves are full depth.

### CABINET EXTERIORS

- Exposed cabinet sides are made from thermally-fused smooth or textured melamine panels in stock colors. Exposed sides can be ordered with finished ends.

### CABINET FINISHED ENDS

- For all melamine colors, finished end interior will match cabinet exterior.

### CABINET BACKS

- Component is 1/4" MDF core overlayed on cabinet interior with cold rolled melamine paper.

### CABINET INTERIORS

- Thermally-fused Melamine Maple (TMMI™): Components are made from thermally-fused melamine panels (low-pressure laminate) with a natural maple print.
- Thermally-fused Melamine White (TMWI™): Components are made from thermally-fused melamine panels (low-pressure laminate) in a carnation white color. Thermally-fused melamine is a melamine saturated paper that is thermally bonded under heat and pressure to the particleboard substrate. Properties are similar to high pressure laminates. Thermally-fused melamine panels provide affordability and superior resistance to surface wear, common household chemicals, water and staining.

### BOX BANDING OPTIONS

- 1mm matching PVC banding.

### DOOR AND DRAWER FRONT OPTIONS

- Rigid Thermofoil (RTF) 3/4" MDF core fronts in matching stock colors. Available in several routed styles.
- Thermally-fused melamine 3/4" particleboard core fronts in stock colors with 3mm PVC banded edges.
- Thermally-fused melamine 3/4" particleboard core fronts in stock colors with 1mm PVC banded edges.

#### DRAWER BOX OPTIONS

- **Metal Drawer:** Grass® Nova Pro P920 steel drawer system. Double-walled, steel drawer sides in a fingerprint resistant metallic finish. 5/8" TMI bottom and back. Available with integrated railing and divider system for deeper drawers.
- **Doweled Drawer:** 5/8" MDF core with TMMI™ or TMWI™ overlaid both sides. Top edge banded with 1mm PVC banding. Assembled with hardwood dowels. Bottoms are 1/4" MDF core with matching melamine face, glued and encased into dadoed sides and backs.

#### DRAWER SLIDE OPTIONS

- Grass® Nova-Pro P920 steel drawer system includes premium full extension soft close slides. Load capacity: 88 lbs. Also available for upgrade to Heavy Duty with dynamic load capacity of 154 lbs.
- Grass® Dynapro Full Extension Integrated Soft-Close slide. Slide features rack-and-pinion design with a full extension synchronized mechanism. Slides are fully concealed with easy drawer box removal. Dynamic load capacity: 88 lbs (40kg). Also available for upgrade to Heavy Duty with dynamic load capacity of 132 lbs. Option for doweled drawer only.

#### HINGE OPTIONS

- **5 Knuckle:** Hospital grade overlay hinge. Free swinging hinge, doors have magnetic catch. Conforms with BHMA/ANSI Tested Grade 1. Available in five finishes: Satin Black, Matte Chrome, White, Bright Brass and Stainless Steel.
- **Grass® Tiomos:** European-type arm hinge. Two piece hinge and mounting plate. Easy snap-on snap-off hinge from plate. Three dimensional adjustability with 120° opening. Soft close mechanism is fully integrated and concealed in the hinge arm. Closing process is extremely smooth and has field tension adjustability.

