

## ■ Hermetic Door System GHM-4XX Series

Grizzly's GHM-4XX Series provide a sealed barrier with the advantages of an automatic door system.

Our advanced "Hermetic System" provides an airtight environment where hygiene and controlled Airflow is of the up-most importance. GHM-4XX Series is built to provide protection day-in and day-out. Ideally used for hospital surgery rooms and high-tech laboratories.

As the leading manufacturer of operating units, we do not just provide a door but an entrance that will open up new prospects for your business. With a wide array of standard and optional features, Grizzly doors can be adapted and customized to provide the most complete Automated Door System available.

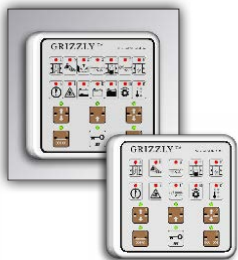
## ■ Detection & Function Box

**SLB-DF04**  
with Battery Display



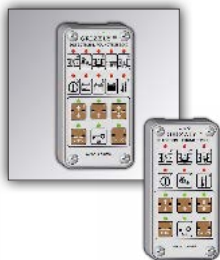
**SLB-DF03**

**SLB-DF06**  
with Battery Display

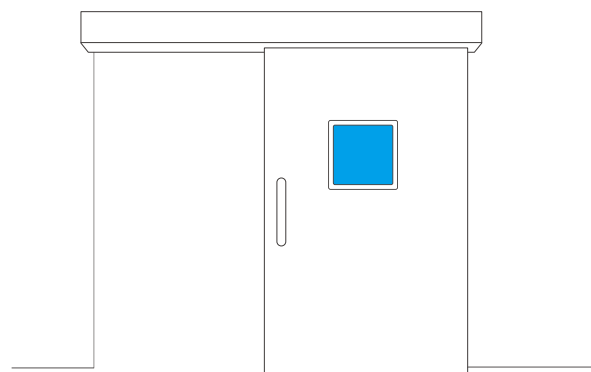


**SLB-DF05**

**SLB-DF08**  
with Battery Display

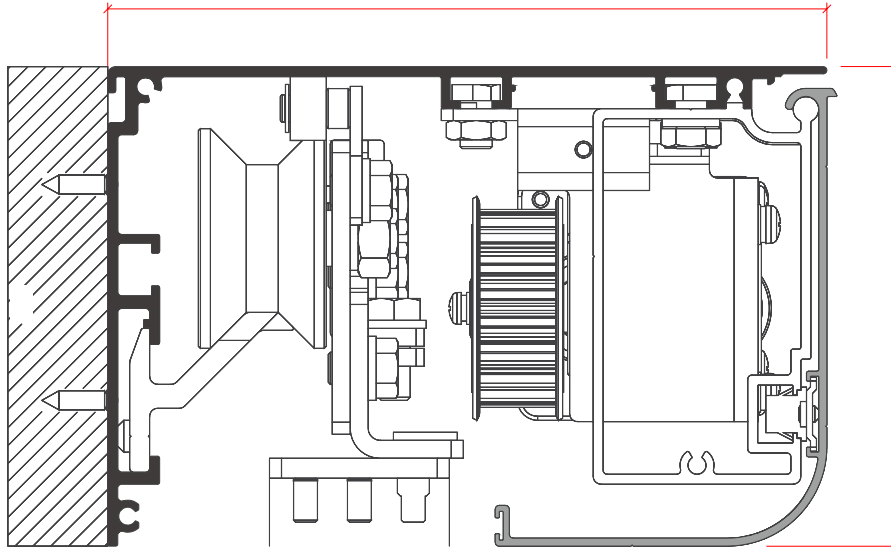


**SLB-DF07**



# Hermetic GHM-4XX

## ■ Engineer Drawings



## ■ Specifications

\* Specifications may change

$\frac{\text{GHM}}{1} - \frac{4}{2} \frac{60}{3} \frac{\text{H}}{4} - \frac{\text{S}}{5}$		1. System : GHM = Hermetic System 2. Series: 4 3. Speed : 45~60cm/sec/leaf		4. Weight : L=Light, M=Medium, H=Heavy 5. Door : Single	
System		GHM-4XX			
Series Model No.		GHM-460 L	GHM-460 M	GHM-460 H	
Opening Speed (cm/sec/leaf)		45~60	45~60	45~60	
Closing Speed (cm/sec/leaf)		12~60	12~60	12~60	
Slow Speed (cm/sec/leaf)		4~6	4~6	4~6	
Timing Belt/S8M (mm)		12	12	12	
Motor	Rating Power (watt)	60	80	100	
	Starting Power (watt)	240	320	400	
Weight	Single (kg)	90/105	120/135	150/165	
Hanger	Single (kg)	2 Sets/leaf	2 Sets/leaf	2 Sets/leaf	
Door Width (cm/leaf)		>80	>80	>80	
Hold Opening Time (sec)		0.5~20	0.5~20	0.5~20	
Temperature Range (°C)		-20 ~ +60	-20 ~ +60	-20 ~ +60	
Terminal Unit (optional)		All	All	All	
Detection/Funct. Box (optional)		SLB-DF03~08	SLB-DF03~08	SLB-DF03~08	
Engine Case Structure		Aluminum Hook Case			
Dynamic Driving Block		Permanent Magnet Brushless Motor with High Torque/Twin Gear Decelerator.			
Controller		Digital MCU microprocessor & Variable Frequency Servo Control VFSC High Efficiency System. Build-in warning bell and Non-Mechanical Electronic Motor Lock with security support system.			
Manual Opening Force		AUTO>25 kg/f (door pressed by force) Electronic Motor Lock >50kg/f (door counter resistant force/control panel adjustable)			
SAFE GLIDE	Full Range Reverse	Operates when gap of the closing door is <2cm			
	High Sensitive Reverse	Catchment force: 8~15kg measured by Push-Pull Scale at 15cm/sec closing speed			

"Red Texts" Danger: Should the door overload, the speed will be much slower than the normal operating speed. Driving Block life cycle will be affected.

"All" Terminal Units: All models available for selection.