Cabinets

Gallagher Cabinets are secure enclosures for Gallagher Controllers and I/O Devices.

Gallagher Cabinets are designed to house multiple Gallagher products. There are two cabinet sizes available, accommodating either one or two printed circuit board (PCB) footprints. Mounting options allow combinations of various PCB types to be installed.

1. Gallagher Single Cabinet

Manufactured from a strong polycarbonate/ABS plastic alloy, the Gallagher Single Cabinet has a UL94 flame rating of HB. It provides one footprint for Gallagher Controllers and I/O PCBs.

One cabinet can house a combination of the following:

- 1x Gallagher Controller 6000
- 1x Gallagher 4H, 8H, 4R or 8R Module
- 1x Gallagher Controller 6000 I/O Mounting Plate
- 1x Half Footprint Mounting Plate
- 1x Tamper Board
- 1x Gallagher HBUS 16 In 16 Out Board. A second HBUS 16 In 16 Out Board can be installed in a single cabinet using standoffs

2. Gallagher I/O Accessory Single Cabinet

A variation of the Gallagher Single Cabinet, the Gallagher I/O Accessory Single Cabinet is a secure enclosure providing one footprint for Gallagher devices. This cabinet is supplied with a mounting plate and tamper board.

The input/output expansion boards are modular, designed to be mounted on the mounting plate in the following combinations:

- Up to 4x Gallagher HBUS 8 In Boards or Gallagher Door Modules, or
- Up to 2x HBUS 8 In 4 Out Boards, or
- 1x HBUS 8 In 4 Out Board and up to 2x HBUS 8 In Boards or Gallagher Door Modules

3. Gallagher Dual Cabinet

The Gallagher Dual Cabinet is a secure steel enclosure accommodating two footprints, doubling the housing capacity for any combination of Gallagher PCBs. When the PCB is installed, optical tamper protection is provided for both the front and rear of the Cabinet. The Cabinet is also available with an optional 8 Amp power supply which has visible indicators for 'low mains' and 'low battery' power monitoring. A separate mounting plate and tamper board is available to enable Gallagher GBUS I/O Devices (excluding the Gallagher High Density I/O Interface) to be fitted with optical tamper protection.

All devices must be mounted in the Cabinets following the installation instructions to comply with international emission standards such as RCM, CE and FCC.



Technical Specifications

Gallagher Cabinet and Gallagher GBUS I/O Accessory Cabinets		
Housing	Height x Width x Depth	280 x 280 x 94 mm (11.02 x 11.02 x 3.7in)
	Weight	1.9 kg (4.19lb)
	Footprints	1
Environmental Data	Temperature Range	-10° to +55° C (14°F to 131°F)
	Humidity	95% non-condensing
	Protection Rating	IP44
Fire Resistance	Flame rating of plastic used in Cabinet	UL94/VO
Compliance Standards	Compliance with other international standards will be proven as required. Please contact Gallagher for the latest list of approvals. All Gallagher products must be installed in accordance with the Installation instructions to comply with international standards. RCM, CE	
Gallagher Dual Cabinet		
Housing	Height x Width x Depth	620 x 372 x 150 mm (24.4 x 14.65 x 5.9 in)
	Weight	6.8 kg (14.99 lb)
	Footprints	2
Material		Approx 1 mm thick steel (0.03 in)
Humidity		90% non-condensing
Gallagher Power Supply Unit		
Construction	Mean Well AD-155A PSU with customized monitoring board and isolated auxiliary power output. Please see the Dual Cabinet and Power Supply Installation Note for full specifications.	
Input Voltage		100 V AC - 240 V AC
Output Voltage	Primary power output	13.8 V DC
	Auxiliary isolated power output	13.5 V DC
Current Range	Primary output current range: 0 - 7 A (or 8 A when secondary output not in use)	
	Auxiliary isolated output current range: 0 - 1 A	
	Battery output current range: 0 - 0.5 A	
Working Temperature		-10 °C to +50 °C (14 °F to 122 °F)
Standards Compliance		EN55022 (EMC Standard)
		EN60950 (Safety)
Built in Protection	Short circuit/Over load/Over voltage protection	
	Battery low and polarity protection	
Monitoring	Mains power and low battery monitoring via visual LED indicators and Gallagher Command Centre alarms	

Gallagher Part Numbers			
C200104	Ft Dual Cabinet No PS Cool Grey	**C200103**	Ft Dual Cabinet No PS Charcoal
C200107	Ft Dual Cab No PS Reinforced Cool Gry Ul	**C200108**	Ft Dual Cab No PS Reinforced Charcoal Ul
C200105	Ft Dual Cabinet 8A PS Cool Grey	**C200109**	Ft Dual Cabinet 8A PS Charcoal
C200001	Full Footprint Mounting Plate	**C200440**	Gallagher Power Supply
C200002	Half Footprint Mounting Plate	**C200610**	Gallagher Tamper Board - Board Only
C200003	Controller 6000 I/O Mounting Plate	**C200611**	I/O Accessory Single Cabinet
4G2262	Gallagher Cabinet Master Key	**C200100**	Single Cabinet

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