

REGULATION



LOBBY®

RANGE

Self-regulating unit to maintain constant pressure installations.

Collective CMV 400°C-1/2H

Office CMV Direct drive motor-driven fan

Motor-driven fan with belt and pulley transmission





APPLICATION

- Factory-programmed self-regulating unit for maintaining installations at **CONSTANT PRESSURE** (flat curves)
- ✧ Meeting the recommendations are requirements of RT2005, the **LOBBY®** program is designed for your approved collective CMV 400°C-1/2Hand office CMV installations which recommend increased energy consumption savings or renovation to single-phase (230V SINGLE PHASE) power supply.
- ✧ Maintaining the installation at constant pressure over the whole of the air flow range of the unit combined with the **LOBBY®** unit will provide low energy consumption since the fan rotation speed will be adapted instantaneously to the requirements of the installation. The energy consumption gains thus obtained are of the order of 30 to 60%.
- ✧ Operating the installation at constant pressure at reduced air flow also lowers the sound levels radiated by the system.

DÉFINITION

- IP54 unit fitted with electronic regulator (direct drive unit) or a speed controller (belt and pulley unit), a pressure sensor with signal integrator and a padlockable local switch.
- Factory-wired and programmed unit regulating a setpoint pressure over the whole air flow range of the associated unit.
- ✧ The setpoint pressure can be changed by the potentiometer included in the **LOBBY®** unit 30V single phase power supply.

INSTALLATION

- ✧ Factory-mounted and connected to the unit, the **LOBBY®** unit can be used indoors or outdoors (IP54).
- ✧ Factory programmed at 180 Pa, the setpoint pressure can be changed on site by the control panel built in to the unit.

RANGE

- The range of **LOBBY®** units is made up of 2 families divided respectively into 4 and 6 models for units equipped with a direct drive or pulley and belt transmission motor fan.

Reference	Applcation	Max. current 230V single phase	Dimensions mm	Weight kg
LOBBY® 015	<i>Motor unit incorporated</i>	1,5	300 W x 220 H x 180 D	4
LOBBY® 030		3,0		
LOBBY® 050		5,0		
LOBBY® 100		10,0		

✧ The **LOBBY®** unit (models 370 to 2K2) incorporate an air **flow fault** relay function.

This is programmed using the following information:

Defect: contact signal if pressure less than 50 Pa.

Mistral 30 S: time delay of 30 secs on the **defect** contact in order not to trigger spurious alarms.

Indicator light: a contact is available for connecting a green indicator light showing the unit is in operation.

Reference	Application	Max. motor power (kW)	Rated current at 230V single phase (A)	Dimensions mm	Weight kg
LOBBY® 370	Belt and pulley transmission	0,37	3,3	300 W x 220 H x 180 D	4
LOBBY® 750		0,55	4,5		
		0,75	6,3		
LOBBY® 1K1		1,10	7,8		
LOBBY® 1K5		1,50	10,5		
LOBBY® 2K2		2,20	14,4		

LOBBY® units are also available in version T for a 400V three-phase supply (from model 370), until a power of 11 kW.