



# FORCLIMA VC5 & VC9

## “VC5 & VC9” TECHNICAL DETAILS

### DESCRIPTION

The single phase speed regulator, **FORCLIMA “VC5”** is studied for working with **FORCLIMA FC1000 & FCE1000** heat recovery unit models;

**FORCLIMA “VC9”** is studied for **FC2000/3000 & FCE2000/3000** models.

They are designed to control the effective value voltage on the load cutting the phase by a TRIAC.

The VC5 & VC9 regulators are equipped with proper filters (inductance & capacitors) in order to eliminate possible noise in the electrical network or generated by the unit.

A warning led, fitted in the bipolar switch, indicates that there is voltage applied on the load. A potentiometric control allows the voltage regulation down to a minimum value set by a trimmer.

The **VC9** model is equipped with a flap waster in order to better drain the heat generated by the TRIAC..

### DIMENSIONS

A 84 x L 130 x P 43 mm.

### TRIMMER

The trimmer, covered by plastic material, can be reached from outside through a plastic little shaft (5 mm. diameter).

The VC regulator is ideal for speed regulation in single-phase motors or, with chimic-inductive load anyhow. It has not studied for capacitive load. The protection is accomplished by means of internal fuse.

### ELECTRIC CONNECTIONS

- Please make the wiring connections following the scheme in order to obtain the perfect function of the speed regulator.

- Please verify that the main electric feeding of the heat exchanger unit are switched off before beginning any connection to the regulator.

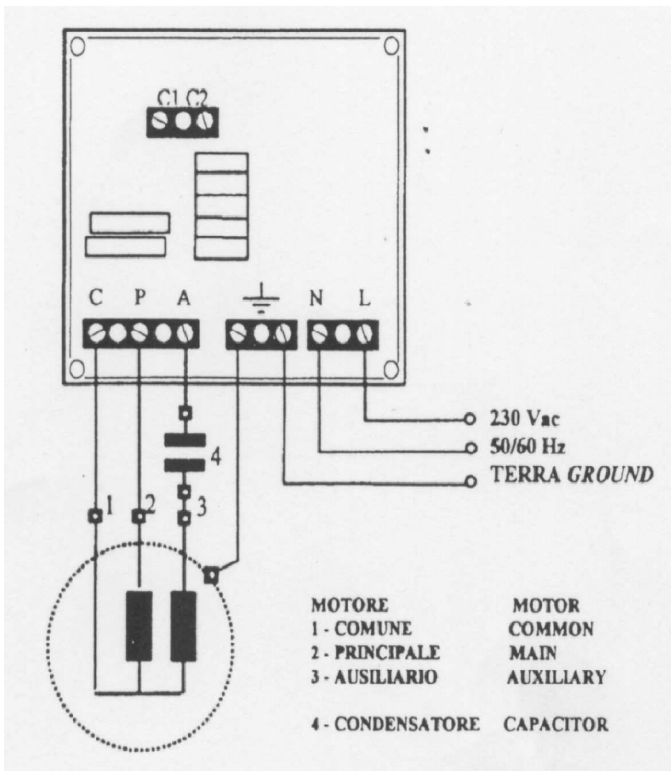
- Please connect the connecting terminal, set in the unit, to the regulator through a cable with 3 poles, then connect the regulator to the electric feeding.

The electric connections of the regulator are effected with grapevine terminals.

### WARANTEE

Guarantee 24 months

Model	Current (Amp)	Current Peak (Amp)	Dimensions (MM)	Electric Protection
VC5	5	12	125 x 125 x 90	Fuse 5x20 10A fast
VC9	9	26	125 x 125 x 105	Fuse 6,3x32 20A fast



Feeding	Volt	230 (195/265)
Temperature range	°C	+10/40
Protection grade of the loom	IP	IP54
Electric protection		Class 1
Max waster temperature	°C	75°
Min/Max section feeding wire	mmq	1.5/2.5
Imm temperature	°C	-20/70°C

**WARNING:** Please respect the polarities

A= Don't connect  
(connection already done within the unit)



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**FORCLIMA**  
Heat Recovery Ventilation