



USER MANUAL AND SET INSTRUCTIONS



CTRL-F

CONTROL

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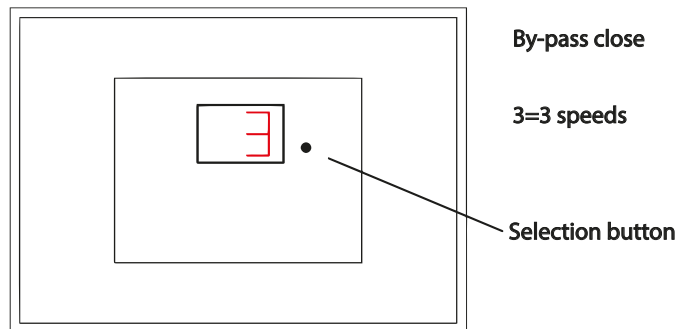
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INTRODUCTION

CTRL-F is the most user-friendly and affordable solution to manage a heat recovery unit with a 3 speed motor. The user can use a single button to change the fan speed and handle the bypass opening / closing (for units equipped with a servomotor).

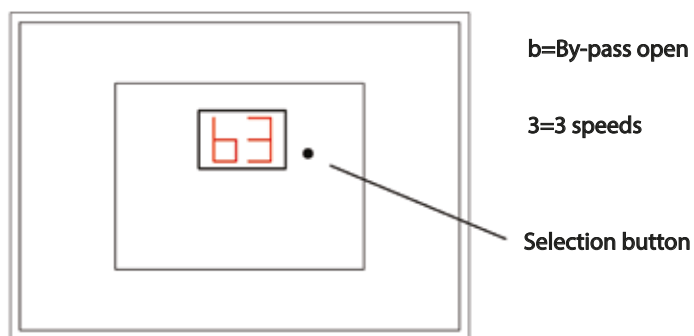
SELECTION OF FANS SPEED

The user sets the speed of the fans by pressing the black button, at each press there will be a speed switch, a led numerical display indicates the current speed. The 0 indicates the machine stops, 3 the maximum speed.



BYPASS ACTIVATION

During the changing of seasons outdoor climatic conditions are often more favorable than indoor microclimatic ones. By enabling the by-pass, it is possible to inject air from the outside and expel exhaust air. Preventing so the two flows from exchanging heat, or rather avoiding the heating of expelled air and the cooling of injected air, which is instead desirable in ordinary operating condition. By pressing the black button for more than two seconds, the bypass output is switch : if the letter b appears, the bypass is in the open state, if it is not displayed the letter b, means that the by-pass is in the closing state.



FILTERS ALARM

The CTRL-F can manage filter alarm by hours or by pressure switches. In either case, with E1 on the display (appear in alternation with settings), it is reported that maintenance or filters checking is required. If the alarm is by hours the default alarm time is 2000. To reset it once has elapsed, press and hold the selection button for more than 10 seconds. Will appear Fh indicating reset run to zero hours. If the operation is executed without alarm, the count is reset anyway to zero. No reset is required for differential pressure switches installed.

■ INTEGRATION WITH OPTIONAL REMOTE TOUCH PANEL

The CTRL-F can be integrated to an optional remote touch panel. In the case of using the touch panel the machine will need to be equipped with three temperature probes (extraction expulsion renewal) and, under request, with by-pass motor, filters and pressure switches. This configuration (on CTRL-F display appear rc=remote control), gives the possibility to view the status of the unit and to manage in automatic mode the by-pass based on return\renewal temperatures. Is not possible, in any case, the management of post-treatment –quality\moisture sensor, fans alarm. In case of anomalies, E0 is displayed on CTRL-F indicating a generic alarm. In the remote touch panel, you can see the particular fault. For details on the touch panel display, see the related manuals attached if supplied under request.

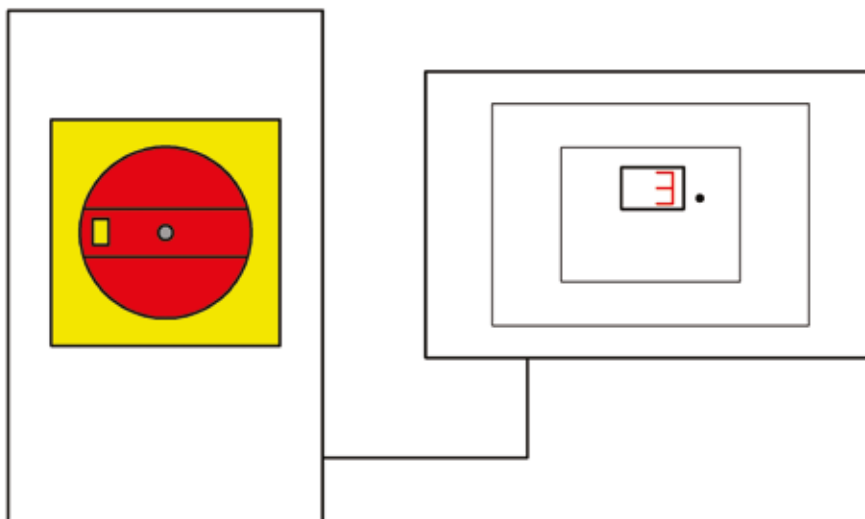


■ INSTALLATION

Only qualified personnel must always perform the installation. The CTRL-F is installed in the factory on the unit, additional remotely touch panel must be wired from the installer (see wiring diagram). . The maximum cable length is 70m.

■ WIRINGS

The control needs 230V power supply connected to the main rotated switch S1 (see wiring diagram).



CTRL-F ON UNIT WITH ROTATIVE SWITCH

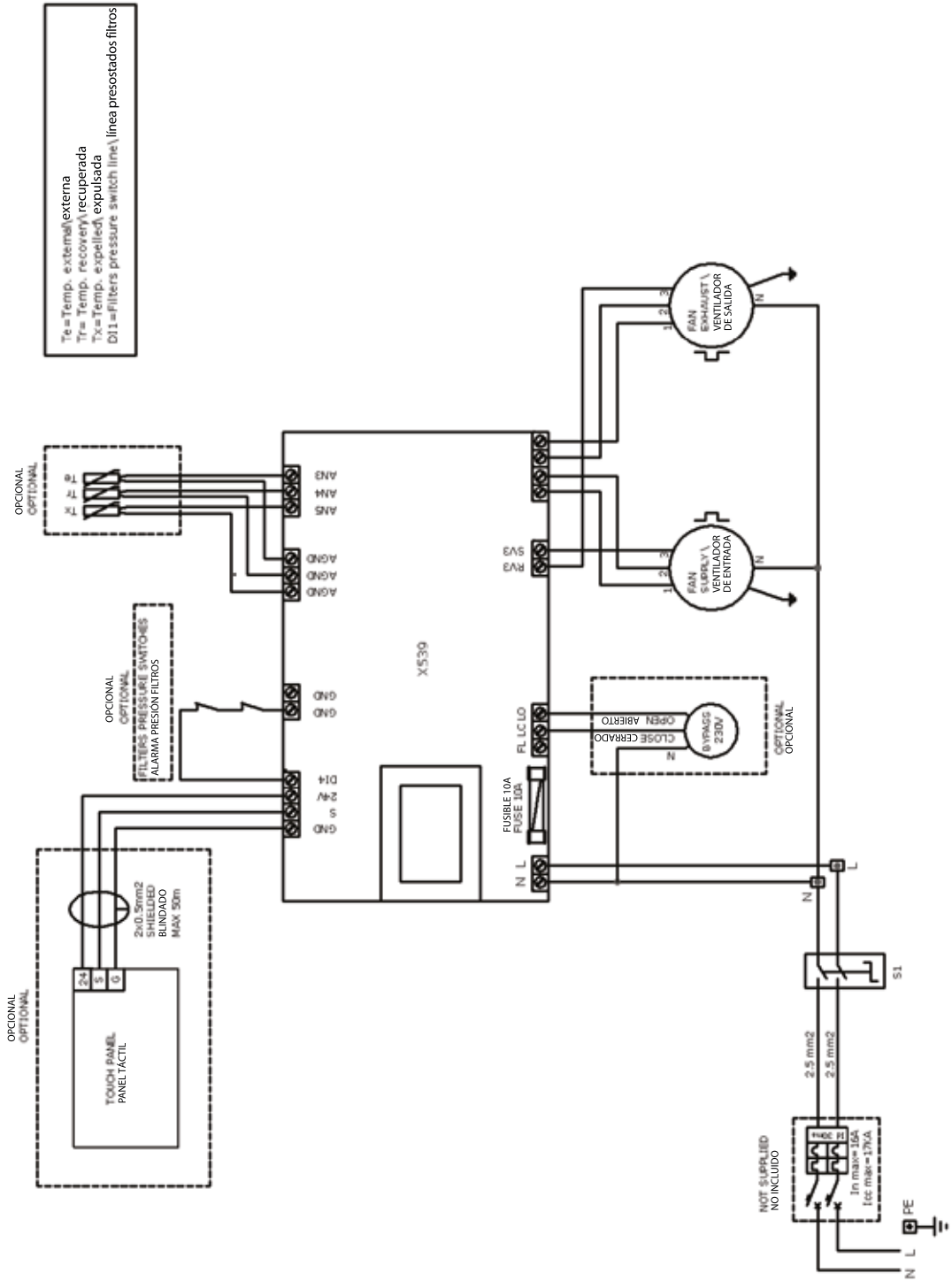
■ WARRANTY CONDITIONS

The unit is supplied with a two-year warranty (24 months) from the date of receipt of the product, as stated on the invoice. During the warranty period, the manufacturer agrees to repair free of charge all defects originating from manufacturing faults or defective materials. The manufacturer may, at his discretion, replace the defective parts only or the whole unit. Any other remedy is specifically excluded. The manufacturer also disclaims further responsibility for subsequent damages. The defective product must be returned to the manufacturer through the dealer along with a detailed description of the defect, written by the dealer. Transport costs shall have to be paid by the customer. Transport costs for the return of the repaired product shall be paid by the manufacturer. The manufacturer disclaims any whatsoever responsibility for defects originating from an improper use of the product, failure to comply with the instructions provided in the manual and natural events such as lightning, floods, earthquakes, fires, etc. The manufacturer also disclaims any whatsoever responsibility for unauthorized reparations or changes.

CHARACTERISTICS

Power supply: 230V
 Maximum operating temperature: 0 / 50°C
 Maximum storage temperature: -20 / 70°C

CTRL-F





VENTILACIÓN INDUSTRIAL IND, SL
Crtra. Camprodon s/n
17860 Sant Joan de les Abadesses, Girona
SPAIN

Tel. +34 972 720 150
www.casals.com