

# ECP APE 03

Man in cold room alarm kit: consisting of control unit with acoustic / visual warning, comes complete with buffer battery and luminous emergency in-room pushbutton. The kit allows a person trapped inside the cold room to activate an acoustic-luminous alarm installed outside the room and so call for help. The system will work even in the event of a temporary power cut thanks to the buffer battery on the external unit.



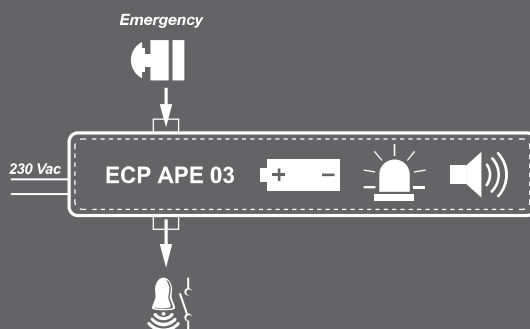
## APPLICATIONS

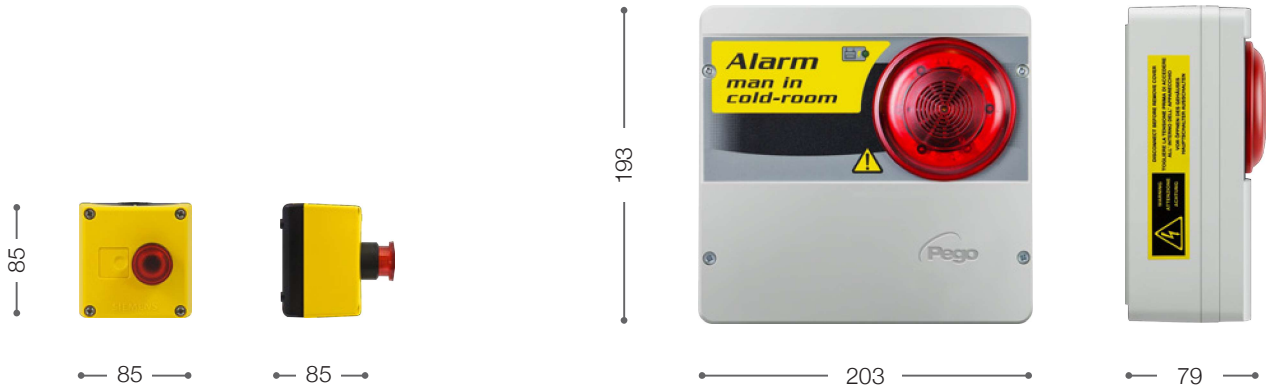
- “Man in room” safety system for low-temperature rooms.

## MAIN CHARACTERISTICS

- Complies to the **UNI EN 378-1:2016**, applicable to cold rooms at negative temperatures with a volume greater than 10 m<sup>3</sup>.
- **Emergency pushbutton** to be fitted inside cold room. This is a luminous mushroom-shaped pushbutton with a N.C. contact. The pushbutton is illuminated by LEDs, thus making it easy to find even in the dark.
- **Acoustic-visual alarm** control unit to be fitted outside the room. Features a siren and a flashing light and a buffer battery to provide power in the event of a black-out. Also has a clean contact (closed when alarm is active) that can be used to inhibit refrigeration, switch on the interior room light or activate other devices such as a dialler for remote alarm activation.

## CONNECTION DIAGRAM





TECHNICAL CHARACTERISTICS	ECP APE 03
DIMENSIONS	CONTROL UNIT: 203 x 193 x 79 mm PUSHBUTTON: 85 x 85 x 85 mm
WEIGHT	2 kg
MAIN POWER SUPPLY	230 V AC 50/60 Hz
MAX CONSUMPTION ON MAIN POWER SUPPLY	20 mA
BUFFER BATTERY	12 V DC NI-MH 1300 mAh COMPLETE RECHARGE TIME: 110 H
AUTONOMY	<ul style="list-style-type: none"> <li>• WITH 230 V AC POWER OFF (OPERATION WITH CHARGED BUFFER BATTERY: ABOUT 14H)</li> <li>• WITH 230 V AC POWER ON: UNLIMITED</li> </ul>
EXTERNAL MODULE	IP43 PROTECTION RATING
WORKING TEMPERATURE	-5 ÷ +45 °C
ACOUSTIC CHARACTERISTICS	TYPE: PIEZOELECTRIC - SOUND POWER: 95 dB AT 1 M
VISUAL WARNING	RED FLASHING LED 12 V DC
IN-ROOM EMERGENCY PUSHBUTTON	IN-ROOM EMERGENCY PUSHBUTTON RED FLASHING LED 12 V DC N.C. CONTACT KEYBOARD WITH IP65 PROTECTION RATING OPERATING TEMPERATURE: -25 - +70°C
AUXILIARY RELAY	8 A AC1 (CONTACT CLOSSES WHEN ALARM IS SWITCHED ON)