



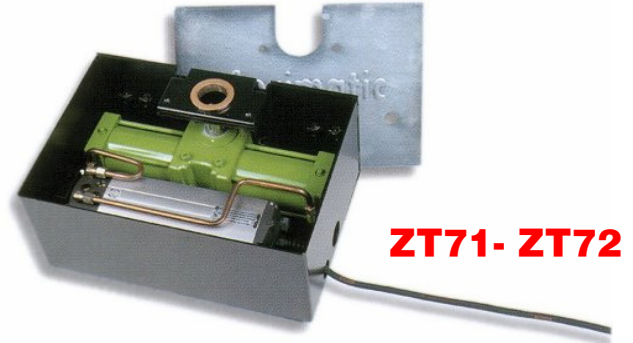
# ZT70 - ZT71 - ZT72



## ZT70



We use **Aprimatic ZT70, ZT71 and ZT72** electro-hydraulic underground drive units particularly for swing gates of historical or artistic interest — where it is preferable to hide the mechanical elements that are not part of the gate structure.



## ZT71- ZT72

## ZT175N - ZT176N

### Maximum opening functionality

The **ZT70, ZT71 and ZT72** systems are distinctive for their maximum functionality. In fact, the position of the buried jack vertically below makes it possible for the gate to open by 110° or 200° depending on the version. In any case, well beyond the standard 90°.

A hydraulic brake applied to the jack slows the last part of the run of the gate both in closing and in opening, preventing impact, backlash and noise that are often a problem with other systems that use the same operation principle.

## Your Invisible Friend

The control unit is equipped with two adjustable anti-crush by-pass valves. In addition, a double hydraulic lock eliminates the need for a lock on leaves of less than 2 metres and can lock the gate in any position.

In case of power outage, a manual release allows the gate to be opened and closed with a simple operation.

## MODELS

**ZT70 B5** operator complete with metal container, with double hydraulic lock. opening and closing (non-intensive use), does not require an electric lock.

**ZT70 B4** operator complete with metal container, with double hydraulic lock. opening and closing (non-intensive use), does not require an electric lock.

**ZT70 SF5** operator complete with metal case, without hydraulic lock, electric lock required.

**ZT70 SF4** operator complete with metal case, without hydraulic lock, electric lock required.

**ZT71 B5** (ZT 70B5 hydraulic control unit + AT175N hydraulic jack).

**ZT71 B4** (ZT 70B4 hydraulic control unit + AT175N hydraulic jack).

**ZT71 SF5** (ZT 70SFS hydraulic control unit + AT175N hydraulic jack).

**ZT71 SF4** (ZT 70SF4 hydraulic control unit + AT175N hydraulic jack).

**ZT72 B5** (ZT 70B5 hydraulic control unit + AT 176N hydraulic jack).

**ZT72 B4** (ZT 70B4 hydraulic control unit + AT176N hydraulic jack).

**ZT72 SF5** (ZT 70SF5 hydraulic control unit + AT176N hydraulic jack).

**ZT72 SF4** (ZT70SF4 hydraulic control unit + AT176N hydraulic jack).





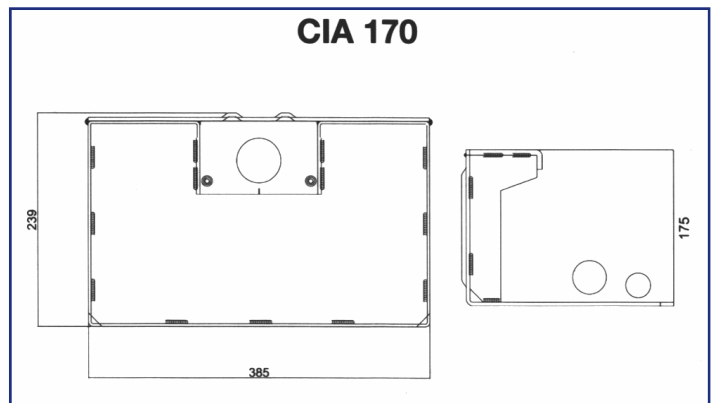
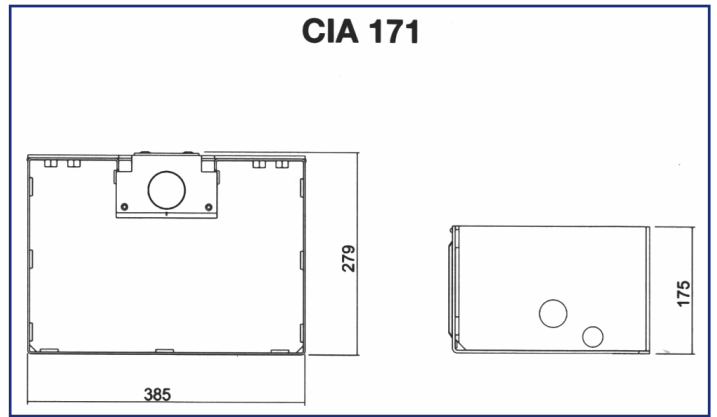
# ZT70 - ZT71 - ZT72



## TECHNICAL DATA ON CONTROL UNIT

ZT70	B4	B5	SF4	SF5
SINGLE-PHASE POWER SUPPLY	230v 50Hz			
POWER ABSORBED (W)	250			
PUMP DISPLACEMENT (lt/min)	0,6	0,75	0,6	0,75
MAX. LEAF LENGTH	1.7m	1,7m	4m	4m
MAX. WORKING PRESSURE (bar)	40			
WORKING TEMPERATURE	-20°C / +70°C			
WEIGHT WITH OIL (kg)	5			
AMOUNT OF OIL (lt)	1			
OIL TYPE	AprimOil HC13			

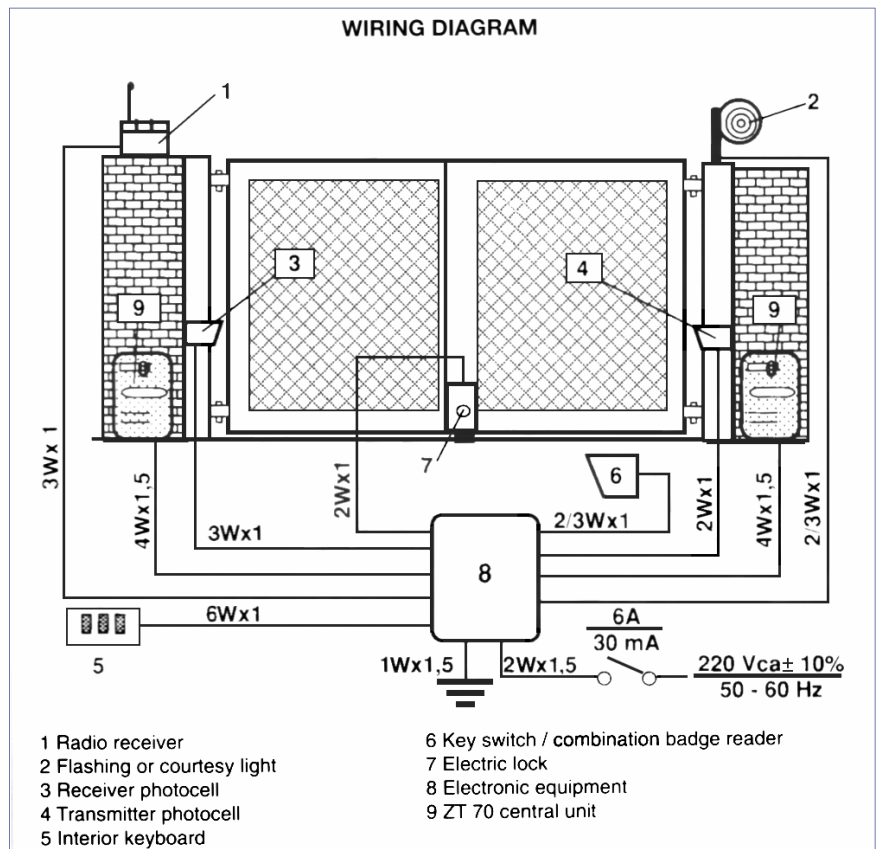
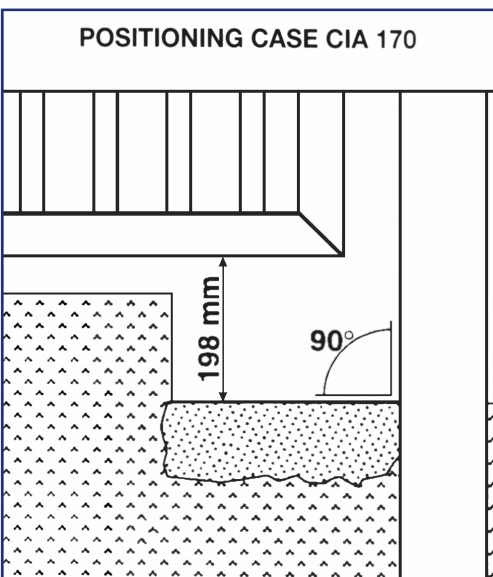
TECHNICAL DATA FOR	AT 175N	AT 176N
MAX. WORKING ANGLE	1100	1800
ANGULAR 0.6 lt PUMP SPEED/mm	6°/sec	6°/sec
ANGULAR 0.15 lt. PUMP SPEED/mm	7°/sec	7°/sec
MAX. WEIGHT OF LEAF (kg)	800	800
WEIGHT WITH OIL (kg)	12	13
AMOUNT OF OIL (lt)	1	1.2
OIL TYPE	AprimOil HC13	AprimOil HC13



## TECHNICAL RECOMMENDATIONS

Install according to the instructions in the installation manual. It is essential to provide for drainage of any water that may accumulate inside the underground case, and to provide stops on the ground for the gate.

Do not weld the rotation axis of the jack directly to the gate, but insert a "C" profile as an expansion joint. Always make sure the rotation axis of the gate is perfectly vertical.



## CENTURION

WESTHILL BUSINESS CENTRE, ARNHALL BUSINESS PARK, WESTHILL, ABERDEEN AB32 6UF

Tel: 01224 744440 · Fax: 01224 744819

email: info@centurionsecurity.co.uk

[www.centurionsecurity.co.uk](http://www.centurionsecurity.co.uk)

Security • Confidence • Peace of Mind