

STANDARD ABOX & STANDARD MBOX

(ELECTROFUSION CONTROL BOXES)

Designed as a basic specification box for pipeline jointing where accurate microprocessor control is a must but advanced functionality such as data retrieval is not required.

STANDARD ABOX FEATURES

- Designed for use with Fusion's 'Fusamatic' range of automatic recognition fittings
- 220V/230V operation
- Simple user interface with only two buttons
- Full microprocessor control and verification of jointing process
- Two row LCD display
- Available in many languages

STANDARD MBOX FEATURES

- Designed for use with manual fittings
- 220V/230V operation
- Simple user interface with four buttons
- Full microprocessor control and verification of jointing process
- Two row LCD display
- Available in many languages



MACHINE SPECIFICATION

Description	STANDARD A	STANDARD M
Input supply voltage (Vac)	195-260	195-260
Frequency (Hz)	40-70	40-70
Max output current (A)	60	60
Output voltage; typical (V)	39.5	39.5
Output voltage; min/max (V)	38.8/40.2	38.8/40.2
Recommended minimum generator size for 60A output* (kVA)	3.2	3.2
Operating temperature (deg C)	-10 to +40	-10 to +40
Environmental protection (IP)	IP54	IP54
Compatible with manual fittings	No	Yes
Compatible with Fusamatic® fittings	Yes	No
Fuse time(s)	20-900	10-3000
Data memory/retrieval/printout	None/Unavailable	
Safety frame	Yes	Yes
Output lead type	Fixed	Fixed
Weight including cables (kg)	22.5	22.5
Output cable length (m)	3	3
Input cable length (m)	3	3
Input plug rating (A)	16	16
Dimensions (including frame) (mm)	475(W) x 375(L) x 265(H)	

Product Code	Description
STDBOXA	220/230V automatic (Fusamatic) electrofusion controller
STDBOXM	220/230V manual electrofusion controller

* The minimum values shown in the table will guarantee correct operation of the control box when supplying the specified current to the electrofusion fitting. It may be possible to use a generator of a smaller size when employing the control box for service connection work.

The kW rating of the generator must also be considered; contact your nearest Fusion representative for advice on generator selection if in any doubt.