



Installation guide

NCA Series 700 motorised leakage rated fire damper c/w plate frame

Prior to installation

- If damper is to be stored on site, ensure it is stored in a clean and dry environment.
- Immediately prior to fitment, remove all packaging from the unit. Take particular care inspecting the inside of the unit for any packing materials which may disrupt damper operation.
 Perform a visual check of the damper to ensure it is free from damage.

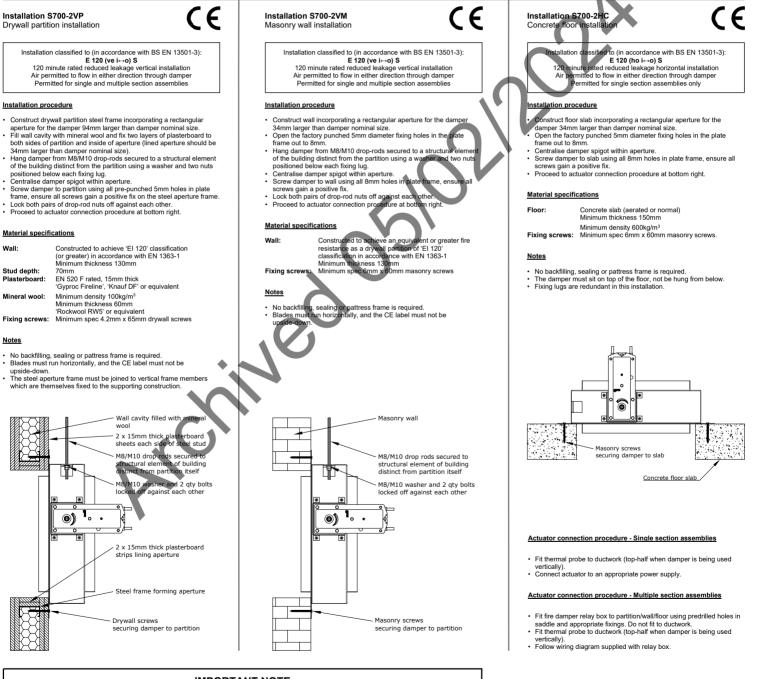
Installation

- Fire damper installation should only be carried out by competent persons.
- Appropriate PPE should be used throughout the installation. Dampers can be heavy, ensure suitable lifting methods are used to help prevent injury.
- Provision for access to both sides of the damper (inside the duct) must be made. A small section of ductwork should be connected to the spigot (plate frame side) prior to
- positioning the damper to assist installation.

- Any cabling should be tied back so as not to be in contact with the duct.
- Breakway joints should be used as here ductwork connects to a damper spigot, for example through the use of aluminium rivets.
- through the use of aluminium rivets. There should be a minimum of 200mm of supporting construction between fire dampers installed in separate ducts (as per direct field of application). There should be a minimum of 75mm of supporting construction between the fire damper and any adjacent construction element, e.g. a wall or ceiling (as per direct field of application). An increase of the gap (area) between the damper and supporting construction of up to 50% is permitted (as per EXAP report, clause X.45). A decrease of the gap (area) between the damper and supporting construction is permitted (as per EXAP report, clause X.45).
- (as per EXAP report, clause X.46).

Recommended spares

Thermal probe tripping element - 'Belimo ZBAT72'



IMPORTANT NOTE

It is a legal requirement that fire dampers are installed in the way instructed by the manufacturer. Any other installation is untested and therefore illegal.

Responsibility for ensuring correct installation lies with all parties in the supply chain.





Fire damper installation declaration

Installation record, check-list and sign-off

Dam	per type:	NCA Series 700 motorised leakage rated fire damper c/w plate frame	
Ther	mal probe rated temperature:	72°C	
Dam	per reference (if applicable):		
Dam	per serial number (see CE label):		
Dam	per location (within site):		
Insta	llation type used (see overleaf):		
Insta	llation address:		
nsta	llation company:		
	llation company contact telephone number:		
Insta	llation company contact email address:		
Insta	Ilation company address:		
		Notes	Yes/No
	Ilation company address: Question	Notes	Yes/No
No.		Notes Are \$700 motorised leakage rated fire dampers c/w plate frame what the installation requires?	Yes/No
No.	Question	Are \$700 motorised leakage rated fire dampers c/w plate frame what the	Yes/No
No. I	Question Is the damper correct for the installation?	Are S700 motorised leakage rated fire dampers c/w plate frame what the installation requires? Has the damper been installed in accordance with the appropriate method	Yes/No
No. 1 2	Question Is the damper correct for the installation? Is the damper installed correctly?	Are \$700 motorised leakage rated fire dampers c/w plate frame what the installation requires? Has the damper been installed in accordance with the appropriate method shown overleaf? Other services running through the same penetration is a violation of the	Yes/No
No. 1 2 3	Question Is the damper correct for the installation? Is the damper installed correctly? Is the penetration solely used by the damper? Is access sufficient? Is the damper in good working condition?	Are S700 motorised leakage rated fire dampers c/w plate frame what the installation requires? Has the damper been installed in accordance with the appropriate method shown overleaf? Other services running through the same penetration is a violation of the installation method. Can someone access the inside of the duct and damper safely to perform	Yes/No
No. 1 2 3 4 5 6	Question Is the damper correct for the installation? Is the damper installed correctly? Is the penetration solely used by the damper? Is access sufficient? Is the damper in good working condition? Has a successful cycle test been carried out?	Are S700 motorised leakage rated fire dampers c/w plate frame what the installation requires? Has the damper been installed in accordance with the appropriate method shown overleaf? Other services running through the same penetration is a violation of the installation method. Can someone access the inside of the duct and damper safely to perform ongoing inspections and maintenance? Check specifically for cleanliness, damage to blades and the presence of	Yes/No
No. 1 2 4	Question Is the damper correct for the installation? Is the damper installed correctly? Is the penetration solely used by the damper? Is access sufficient? Is the damper in good working condition?	Are \$700 motorised leakage rated fire dampers c/w plate frame what the installation requires? Has the damper been installed in accordance with the appropriate method shown overleaf? Other services running through the same penetration is a violation of the installation method. Can someone access the inside of the duct and damper safely to perform ongoing inspections and maintenance? Check specifically for cleanliness, damage to blades and the presence of foreign objects which might obstruct the damper's operation. Has the damper been cycle tested on power and have the blades themselves	Yes/No
No. 1 2 3 5	Question Is the damper correct for the installation? Is the damper installed correctly? Is the penetration solely used by the damper? Is access sufficient? Is the damper in good working condition? Has a successful cycle test been carried out?	Are \$700 motorised leakage rated fire dampers c/w plate frame what the installation requires? Has the damper been installed in accordance with the appropriate method shown overleaf? Other services running through the same penetration is a violation of the installation method. Can someone access the inside of the duct and damper safely to perform ongoing inspections and maintenance? Check specifically for cleanliness, damage to blades and the presence of foreign objects which might obstruct the damper's operation. Has the damper been cycle tested on power and have the blades themselves been observed to open and close correctly?	Yes/No

If any of questions 1 - 8 is answered 'no', or if the answer to question 9 is 'yes', it must be reported to the relevant persons on site and acted upon.

Print name:

Date:

Signature: