

C O P Y

DIRECTIVE NO. 18 - 1969

THE CITY OF NEW YORK  
DEPARTMENT OF BUILDINGS

Plumbing  
Boilers  
Ref. Std. 16- Sec. P107.14

TO: Borough Superintendents, Chief Andrea,  
Boiler Division  
FROM: Thomas V. Burke, Director of Operations

DATE: December 8, 1969

Subject: Water Supply Connection Between Boilers  
Reference Standard 16 - Section P 107.14

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The provisions of Section P 107.14 of Reference Standard 16 require that a fixed air gap be provided between the water supply system and the boiler feed water system.

The following exceptions to this requirement shall be permitted, provided the boiler capacity does not exceed 350,000 B.T.U's per hour:-

1. A fixed air gap shall not be required for feed water connections that are arranged to be manually controlled. Such manual control consists of a stop valve in the water line, which remains closed at all times except when feed water is being supplied to the boiler, so that back siphonage cannot occur.
2. In a hot water heating system for supplying heat to a building, where the feed water is automatically supplied to the boiler, a check valve and a vacuum breaker may be substituted for the fixed air gap. An indirect connection from the vacuum breaker to a sink or a floor drain shall be provided.

In all other installations a fixed air gap shall be provided between the water supply system and the boiler.

(Signed) \_\_\_\_\_

Thomas V. Burke  
Director of Operations

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