

STH-S1B-... FIRE DAMPER PLACEMENT, BYPASS ON UNIT

This code is used together with other fire damper controls when the unit has a bypass connection. The purpose is to exhaust smoke via a bypass channel to prevent filters and heat exchanger from becoming clogged with soot.

An evacuation damper is connected in parallel with the other fire dampers, but is mounted so that it opens in the event of a fire alarm. Since the pressure drop in the bypass duct is lower than in the unit, the smoke will take this route out instead of passing through filters and heat exchanger.

AHU:

STH-S1B-20	Bypass filter (actuator not included)
STH-S1B-21	Bypass filter (actuator included)
STH-S1B-22	Bypass filter and heat exchanger (actuator not included)
STH-S1B-23	Bypass filter and heat exchanger (actuator included)

EHP (no actuator)

STH-S1B-50	Smoke bypass side connection
STH-S1B-51	Smoke bypass top connection
STH-S1B-52	Smoke bypass side and top connection
STH-S1B-53 *	Smoke bypass side connection
STH-S1B-54 *	Smoke bypass top connection
STH-S1B-55 *	Smoke bypass side and top connection

EHP (with actuator)

STH-S1B-60	Smoke bypass side connection
STH-S1B-61	Smoke bypass top connection
STH-S1B-62	Smoke bypass side and top connection
STH-S1B-63 *	Smoke bypass side connection
STH-S1B-64 *	Smoke bypass top connection
STH-S1B-65 *	Smoke bypass side and top connection
STH-S1B-66	Built in smoke bypass
STH-S1B-67	Built in smoke bypass and top connection

** Configured for auto testing*