

U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 164.139/1/0

Expires: 28 February 2006

DAMPERS

HALTON OY
PULTTIKATU 2
LAHTI FIN-15700
FINLAND

"A-Class Fire Damper - Type FDB" tested and approved in accordance with IMO FTP Code Annex 1, Part 3.

Damper Approved for use in ducts penetrating Class A-0/A-15/A-30/A-60 bulkheads or decks. Damper and ventilation penetration must be insulated similarly to the division. Maximum size of each damper module is 1000 x 1000 mm; minimum size is 100 x 100 mm. Approval includes damper types FDB-EL, FDB-PNR & FDB-SP. IMO FTP Code test method: Res. A.754 (18). Damper construction is either stainless steel or galvanized steel.

Identifying Data: Technical Research Centre of Finland (VTT) test report: RTE3305/00 & RTE3506/00. Halton Oy Dwgs: LH-5360B, LH-5359B, LH-5361B, LH-5358. USCG letter dated 05 March 2001.

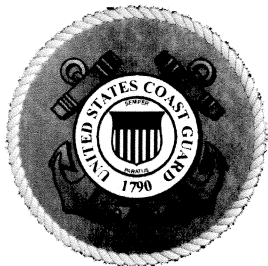
Follow-Up Program: VTT

Factory Locations: Halton Oy
Lahti, Finland

This certificate updates approval no. 164.139/1/0 to indicate the acceptable damper materials of construction

*** END ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 8th DAY OF
OCTOBER 2003, AT WASHINGTON D.C.

J. G. LANTZ
Chief, Lifesaving and Fire Safety Standards Division
BY DIRECTION OF THE COMMANDANT, U.S.C.G.