



**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING & INVESTIGATIONS DIVISION
BUILDING MATERIALS LISTING PROGRAM**

LISTING SERVICE

LISTING No.:	4077-2312:0501
PARENT LISTING No.:	4077-2311:0501
CATEGORY:	4077 - FIRE PROTECTIVE CURTAIN
LISTEE:	Door Systems, Inc. 1150 Las Brisas Place, Placentia, CA, 92870 Contact: Bonnema, Jeff (714) 222-3769 (714) 258-7171 Email: jeff@doorsysinc.com
DESIGN:	<p>Models C1HRS, C1HRM, C3HRS, C3HRM, D1HRS, D1HRM, D3HRS, D3HRM, DSI-600S1, DSI-600M1, DSI-600S3, and DSI-600M3 fire-protective smoke curtains consist of a woven glass fiber, silver polyurethane coated fabric attached to rollers contained within a surface or between-jamb mounted steel curtain box. The curtain shall overlap a minimum 19.7 in. for multiple barrel assemblies. The maximum opening size is 236.2 in. wide by 472.4 in. high for single barrel assemblies and 1417.3 in. wide by 472.4 in. high for multiple barrel assemblies.</p> <p>Models A1HR and A4HR fire-protective smoke curtains consist of a woven glass fiber, silver polyurethane coated fabric contained within a surface or between-jamb mounted steel ceiling tray. The opening type is a single barrel accordion, using Dunkermotoren GMBH motors (Models GR53x30 and GR42x40) installed at the header and barrel assembly. The maximum opening size is 236.2 in. wide by 472.4 in. high for single barrel assemblies and 1417.3 in. wide by 472.4 in. high for multiple barrel assemblies.</p> <p>Refer to listee's data sheet for additional product description and operational considerations.</p>



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RATING:	<p>UL 10D:</p> <p>Models C1HRS, C1HRM, D1HRS, D1HRM, DSI-600S1, DSI-600M1 - 1 hr classification</p> <p>Models C3HRS, C3HRM, D3HRS, D3HRM, DSI-600S3, DSI-600M3 - 3 hr classification</p> <p>Model A1HR - 1 hr classification</p> <p>Model A4HR - 3 hr classification for gypsum wall type construction, 4 hr classification for masonry wall type construction</p> <p>UL 1784:</p> <p>Models DSI-600 ELEV1S, DSI-600 ELEV1M, DSI-600 ELEV3S, DSI-600 ELEV3M:</p> <p>1.57 CFM/FT² ambient; 0.47 CFM/FT² 400°F; 0.05" water column</p> <p>2.31 CFM/FT² ambient; 0.79 CFM/FT² 400°F; 0.10" water column</p> <p>5.28 CFM/FT² ambient; 2.91 CFM/FT² 400°F; 0.20" water column</p> <p>14.00 CFM/FT² ambient; 0.30" water column</p>
INSTALLATION:	<p>In accordance with listee's printed installation instructions, applicable codes and ordinances, and in a manner acceptable to the authority having jurisdiction.</p>
MARKING:	<p>Listee's name, model number, and UL label.</p>
APPROVAL:	<p>Listed as fire-protective smoke curtains for use in gypsum or masonry wall type constructions. For use where allowed by the California Building Code and the authority having jurisdiction. Refer to listee's Installation Instruction Manual for details.</p>
NOTES:	<p>This item is for nonstructural applications and NO hose stream tests were conducted.</p>

04-06-20 VWW



This listing is based upon technical data submitted by the applicant. OSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.



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Listing Expires: 06/30/2025

Authorized By: **David Castillo** , Program Coordinator
Fire Engineering & Investigations Division