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ASHRAE

American Society of
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Air-Conditioning Engineers, Inc.
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HRAI

Heating, Refrigeration
and Air Conditioning
Institute of Canada
www.hrai.ca



HARDI

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International
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SMACNA

Sheet Metal and Air
Conditioning Contractors'
National Association
www.smacna.org

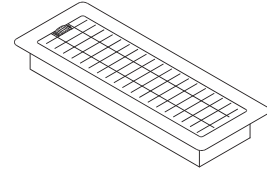


SPIDA

Spiral Duct
Manufacturers
Association
www.spida.org

FLOOR DIFFUSERS — PLASTIC

STOCK #	MODEL	COLOUR	SIZE (")	CTN/QTY	PRICE/EA
701840	E60P	White	3 × 10	40	\$5.62
701842	E60P	White	4 × 10	30	6.88
701843	E60P	Grey	3 × 10	40	5.62
701844	E60P	Grey	4 × 10	30	6.88
701845	E60P	Brown	3 × 10	40	5.62
701846	E60P	Brown	4 × 10	30	6.88
701847	E60P	Beige	3 × 10	40	5.62
701848	E60P	Beige	4 × 10	30	6.88



FEATURES

- Textured finish provides a scratch resistant surface.
- Gear driven, positive locking volume control ensures balanced systems.
- Easy to operate damper control.
- Louvers angled at 0° to 30° provide efficient deflection of air.
- 75% free area reduces air flow resistance.
- Screw knockouts allow for wall or ceiling installation.
- Reinforced corners for extra strength.

AIRFLOW TESTING

PERFORMED BY: WARNOCK HERSEY PROFESSIONAL SERVICES LTD.

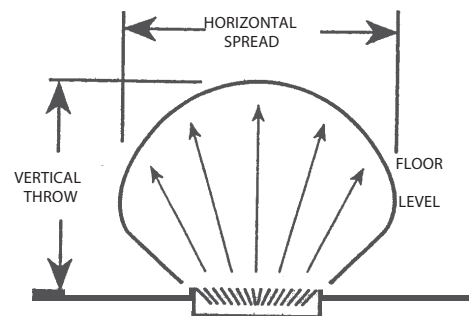
Testing was conducted in accordance with the ASHRAE STANDARD 70-72 Method of Testing for Rating the Air Flow Performance of Outlets and Inlets with the exception that air volume measurements were measured in a laminar air tunnel using a calibrated anemometer.

Each register was connected to an appropriately sized duct system with one elbow and universal

boot. Measurements for pressure loss, free area, horizontal spread, and vertical throw were then taken at four different air flow rates. All tests were conducted with air at 21+/-2°C and in a large room free from drafts. Horizontal spread and vertical throw were both determined at a terminal velocity of 50 fpm.

TEST RESULTS

SIZE	FREE AREA (SQ. IN.)	FLOW RATE (CFM)				
		40	80	120	160	
3 × 10	18.684	Face Velocity (fpm)	308	617	925	1,233
		Pressure Loss (in H ₂ O)	0.015"	0.017"	0.018"	0.020"
		Horizontal Spread (in)	10	12	13	16
		Vertical Throw (in)	5.5	16	19	35
4 × 10	27.184	Face Velocity (fpm)	212	424	636	848
		Pressure Loss (in H ₂ O)	0.011"	0.014"	0.016"	0.018"
		Horizontal Spread (in)	8	11	14	17
		Vertical Throw (in)	6	12	17	22



– E.&O.E. – May not be in stock at all branches, if so please allow 10 days for delivery. –
– All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra –