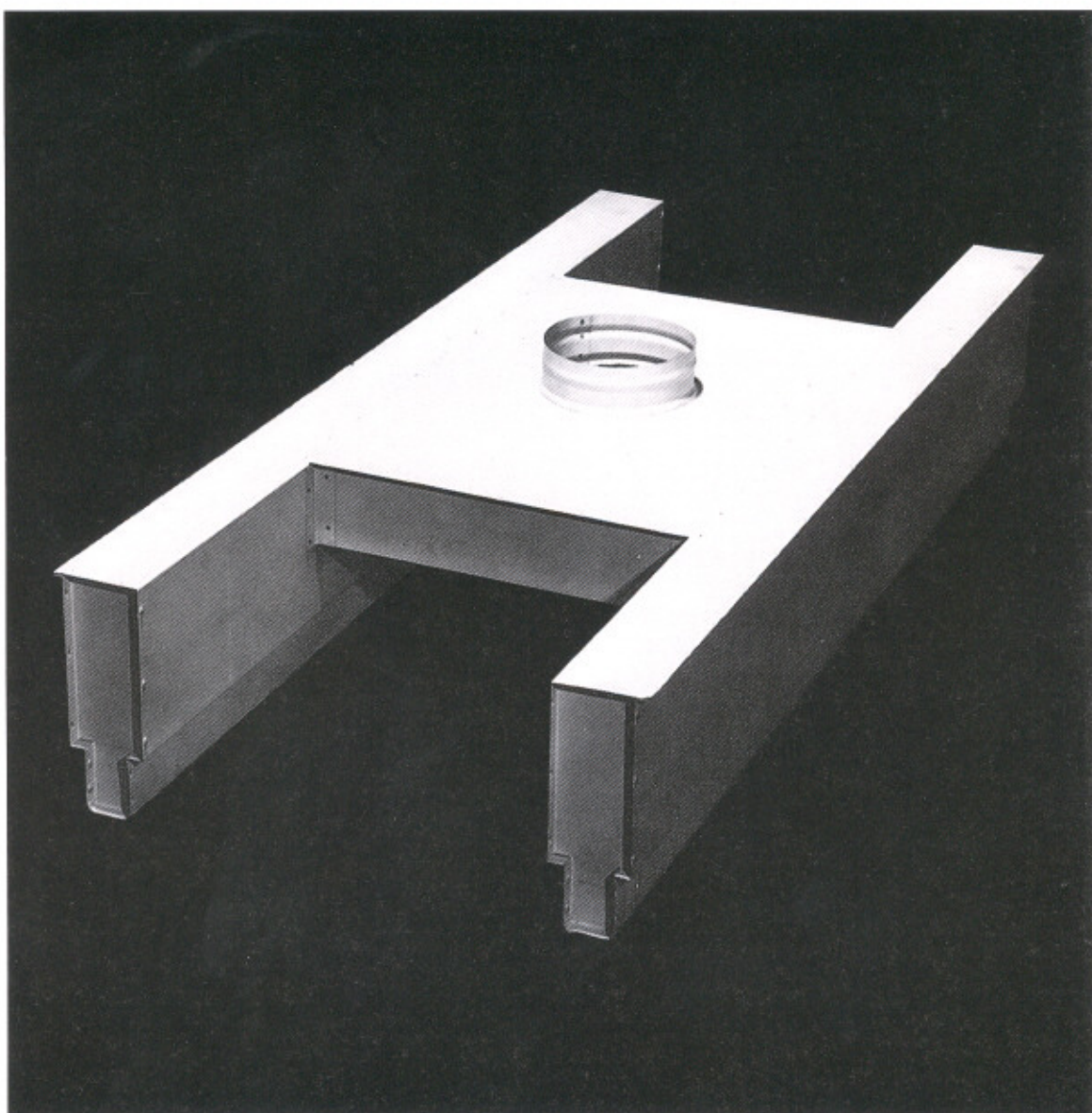


AIR GRILLES

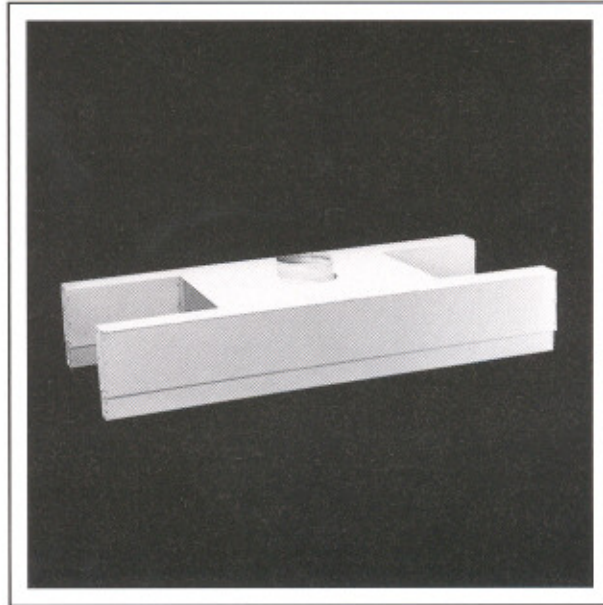
**LIGHT
TROFFER DIFFUSERS**



EXTRUDED ALUMINIUM



LIGHT TROFFER DIFFUSERS



MODEL: ALT - DS - T

Model ALT light troffer diffusers are factory co-ordinated to accommodate the normal slot configurations of light fixtures.

ALT Light Troffer Diffusers have been designed with a pattern controller which provides an excellent horizontal air pattern, resulting in optimum space air distribution.

With a superior horizontal air pattern, it produces the maximum entrainment of room air, generating the air motion required to provide the optimum comfort conditions throughout the occupied zone.

- AIR GRILLES light troffer diffusers are custom made to suit all light fitting designs.
- For top entry, the collar is round in shape and side entry, oval in shape.
- Internally insulated with 1/2" 3lbs fibreglass.
- Butterfly damper will be installed at the collar if required.
- Air discharge pattern can be adjusted from face of the troffer air slot.
- Designed to handle large volumes of air quietly and efficiently.
- Units of diffusers have been tested at an independent N.A.T.A. accredited test laboratory in Australia.

ACOUSTIC AND AIRFLOW PERFORMANCE DATA of LIGHT TROFFER

SINGLE SIDE

Model : ALT - SS - S

1200mm Length, 150mm Dia collar

Qs (l/s)	24	27	33	38	42	47	52	57
SP	11	15	22	29	36	45	55	67
NR	16	19	26	30	31	35	38	40
T (m)	1	1	1.4	2	2.6	3.2	3.6	4.4

Model : ALT - SS - S

600mm Length, 150mm Dia Collar

Qs (l/s)	14	22	24	27	33	38	42
SP	9	24	32	40	61	85	102
NR	18	25	27	29	35	40	42
T (m)	1	1.9	2.4	2.9	3.7	4.4	6

SADDLE TYPE

Model : ALT - DS - T

1200mm Length, 150mm Dia collar

Qs (l/s)	28	38	47	57	67	76	85	94
SP	3	5.5	8.5	13	18	23	29	36
NR	8	8	10	17	22	25	28	32
T (m)	1	1	1	1.4	1.8	2	2.6	3.2

Model : ALT - DS - T

1200mm Length, 200mm Dia collar

Qs (l/s)	28	38	47	57	67	76	85	94
SP	1	2	4	6	8	10	12	15
NR	10	11	12	14	18	22	23	25
T (m)	1	1	1.1	1.2	1.4	1.6	2.2	2.6

Model : ALT - DS - T

600mm Length, 150mm Dia collar

Qs (l/s)	24	28	33	38	45	55	66	76
SP	11	14	20	35	36	52	74	97
NR	12	16	21	25	31	38	43	47
T (m)	1	1.8	2.6	3.4	6	8.4	>10	>10

*SP - Static Pressure (Pa)

*NR - Noise rating number based upon room absorption of 10 dB

*T - Throw in meters to a Terminal Velocity of 0.25 m/sec (as per ADC 1062 - R3)

*Qs - Primary Air flow rate (l/s)

RESULT OF PERFORMANCE IS TESTED UNDER NATA (AUSTRALIA)

DIMENSIONS AND TYPES OF LIGHT TROFFER DIFFUSER

<p style="text-align: center;">VARIABLE DIMENSION TO SUIT LIGHT FITTING</p>	<p>Model ALT - DP - T</p> <p>Dual Plenum Top Inlet</p>	
<p style="text-align: center;">VARIABLE DIMENSION TO SUIT LIGHT FITTING</p>	<p>Model ALT - DP - S</p> <p>Dual Plenum Side Inlet</p>	
	<p>Model ALT - SP - S</p> <p>Single Plenum Side Inlet</p>	

ALL DIMENSIONS IN MILLIMETRES (mm)



AIR GRILLES MANUFACTURING PTE LTD

NO. 26 KALLANG JUNCTION SINGAPORE 339279 TEL: (65) 298 2700 FAX: (65) 298 7198