



S W Hart & Co ®

MAKE HART MODEL LTHD

Double Light Troffer

FEATURES :

- ⊙ To suit air/light fitting
- ⊙ Standard fixed air deflector
- ⊙ Available with adjustable deflector
- ⊙ NATA certified performance data
- ⊙ Can be supplied as single light troffer

ACCESSORIES :

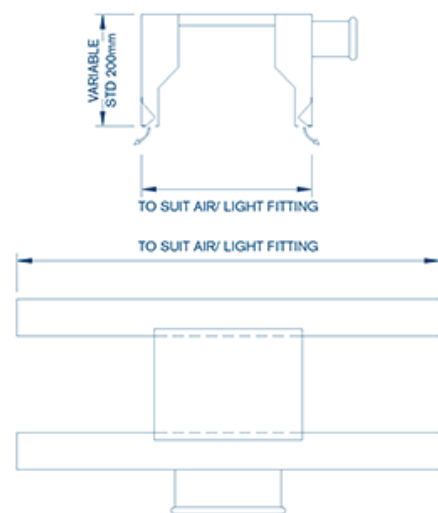
- ⊙ Spigot Damper

INSTALLATION :

- ⊙ Ceiling



DIMENSION :



LTHD – STANDARD SIZES :

- ⊙ Made to suit air/light fitting



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TEST CERTIFICATE

ACOUSTIC AND AIRFLOW PERFORMANCE TEST OF 2 SLOT DOUBLE LIGHT AIR TROFFER.

LENGTH: 1200MM SLOT: 20MM X 1150MM

SUPPLIED BY: S.W. HART & CO.

TESTED BY VIPAC ENGINEERS & SCIENTISTS LTD

PROJECT SCIENTIST - DAVID WREN

SOUND POWER RESULTS

TEST CONDITIONS

SOUND POWER LEVEL, dB re 10^{-12} W
OCTAVE BAND CENTRE FREQUENCY (Hz)

Qs (l/s)	Ps (pa)	T (m)	NR	125	250	500	1000	2000	4000	8000
50	5.5	0.7	-	<33.0	35.0	24.0	<18.0	<10.5	<12.0	<15.0
75	12.5	0.9	23	38.5	44.0	37.0	29.5	19.5	12.5	<15.0
100	21.5	1.5	31	45.5	50.5	44.5	39.0	32.0	27.0	<15.0
125	34.0	2.0	36	49.5	54.5	49.5	39.5	32.0	36.0	23.5
150	49.5	2.4	40	52.0	58.5	54.0	50.0	46.5	43.5	31.5

Qs - Air Flow Rate (l/s)

Ps - Static Pressure Drop (Pa)

T - Average Throw to terminal velocity of 0.5 m/s (m)

NR - Noise Rating number based on 10dB room absorption

- - Insufficient margin above background noise to allow any determination

< - Insufficient margin above background to allow an accurate determination