

Design Criteria

DAC Capacity	63	125	250	500	1K	2K	4K	8K	Total	Notes
Sound Power 100%	86	87	85	86	84	82	80	74	89	
Sound Pressure 100%	75.7	80	75.8	76.1	75.9	72.9	64	54.3	79.8	VALUES USED IN CALC
Sound Power 75%	63	72	79	80	82	80	76	69	86	
Sound Pressure 75%	76.5	74	71.2	70.9	71.1	64.8	57.8	48.2	74.3	VALUES USED IN CALC
Sound Power 50%	66	81	81	82	82	79	74	70	86	
Sound Pressure 50%	77.7	69.2	63.6	62.7	60	54.5	48.7	41.1	64.7	VALUES USED IN CALC

AIR FLOW	
CAPACITY	l/s
@100%	24725
@75%	17200
@50%	10937

REQUIRED LIMITS	
TIME	DB
NIGHT TIME	35
DAY TIME	41

AVAILABLE LOUVRE AREA	
LOUVRE	TOTAL AREA M ²
INTAKE	14.2
EXHAUST	12.5

NOTE

- AIR FLOW RATES AND AVAILABLE PRESSURE TO BE CONFIRMED BY MANUFACTURER
- AVAILABLE LOUVRE AREA TO BE CONFIRMED ON SITE
- ACTUAL UNIT CAPACITY TO BE CONFIRMED POST INSTALLATION
- INSERTION LOSS OF ATTENUATORS TO BE BASED ON SOUND PRESSURE LEVELS AT 100% - TO BE CONFIRMED BY ACOUSTIC ENGINEER