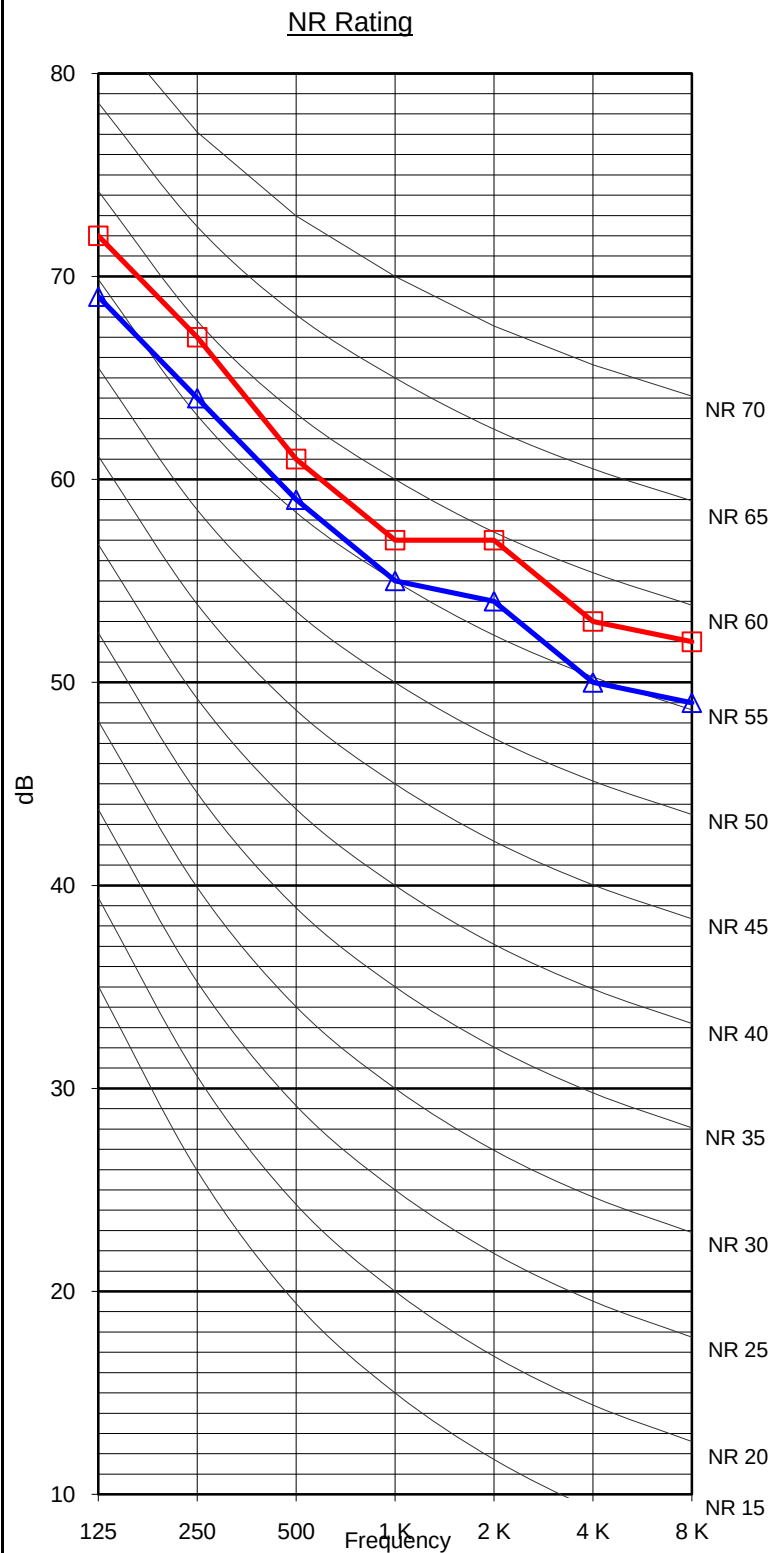


# RESEARCH and DEVELOPMENT UNIT NOISE LEVEL



Test Serial Number

-

Type/Model

DCRA 26-6

Fan Speed - (rpm)

930

Unit Airflow - (m<sup>3</sup>/sec)

2.40

Fan Static - (Pa)

-

## Sound Pressure Level Readings - 1 m

| 125 Hz | 250 Hz | 500 Hz | 1 KHz | 2 KHz | 4KHz | 8 KHz |
|--------|--------|--------|-------|-------|------|-------|
| 72     | 67     | 61     | 57    | 57    | 53   | 52    |

## Calculated NR Level

| 125 Hz | 250 Hz | 500 Hz | 1 KHz | 2 KHz | 4KHz | 8 KHz |
|--------|--------|--------|-------|-------|------|-------|
| 57     | 59     | 58     | 57    | 60    | 58   | 58    |

Actual NR Level

60

## Sound Pressure Level Readings - 3 m

| 125 Hz | 250 Hz | 500 Hz | 1 KHz | 2 KHz | 4KHz | 8 KHz |
|--------|--------|--------|-------|-------|------|-------|
| 69     | 64     | 59     | 55    | 54    | 50   | 49    |

## Calculated NR Level

| 125 Hz | 250 Hz | 500 Hz | 1 KHz | 2 KHz | 4KHz | 8 KHz |
|--------|--------|--------|-------|-------|------|-------|
| 54     | 56     | 56     | 55    | 57    | 55   | 55    |

Actual NR Level

57

## Legend



Sound Pressure Readings at 1m



Sound Pressure Readings at 3 m

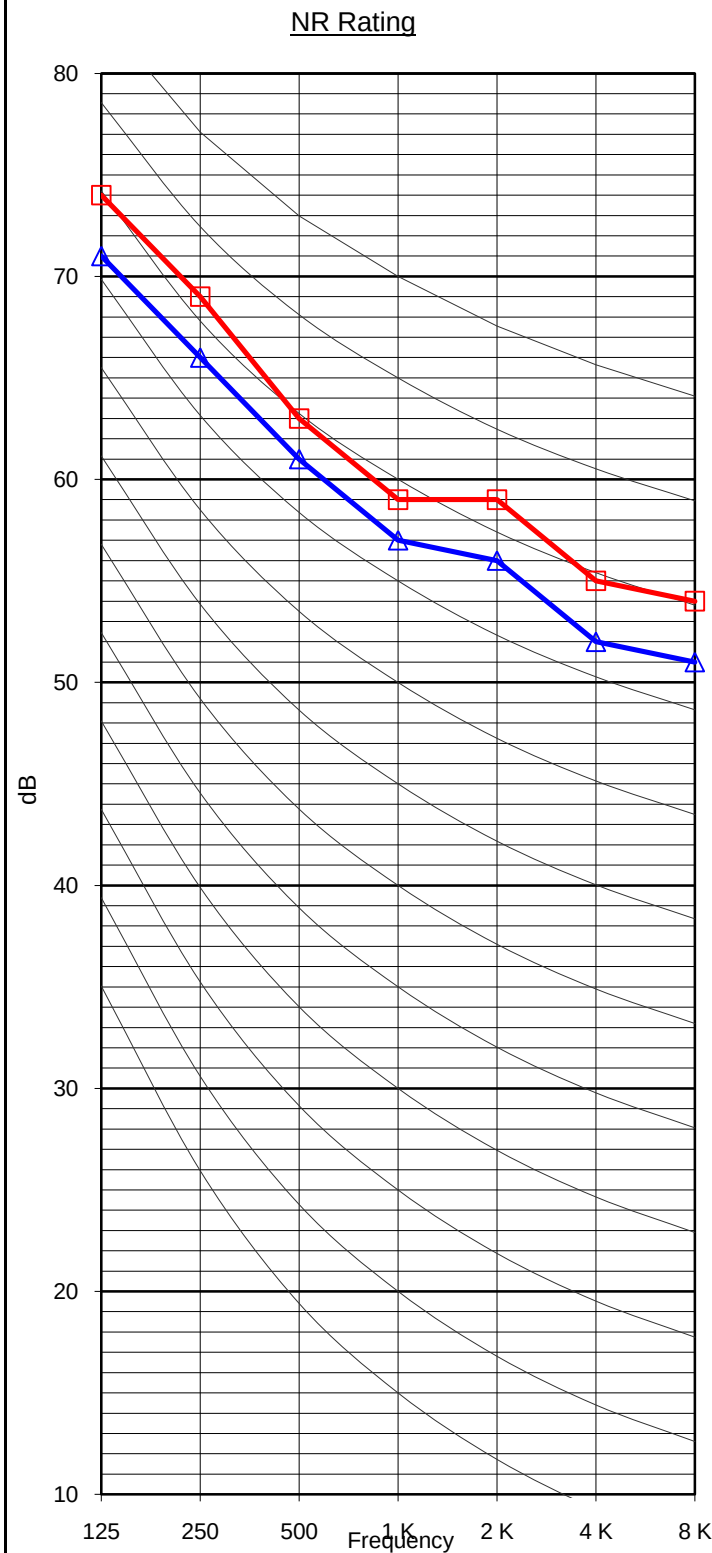
Remarks:

Sound Pressure Levels in a typical external environment.  
Readings taken on fan discharge of unit.

Test Engineer

Date

# RESEARCH and DEVELOPMENT UNIT NOISE LEVEL



Test Serial Number

-

Type/Model

DCRA 32-6

Fan Speed - (rpm)

930

Unit Airflow - (m<sup>3</sup>/sec)

2.60

Fan Static - (Pa)

-

## Sound Pressure Level Readings - 1 m

| 125 Hz | 250 Hz | 500 Hz | 1 KHz | 2 KHz | 4KHz | 8 KHz |
|--------|--------|--------|-------|-------|------|-------|
| 74     | 69     | 63     | 59    | 59    | 55   | 54    |

## Calculated NR Level

| 125 Hz | 250 Hz | 500 Hz | 1 KHz | 2 KHz | 4KHz | 8 KHz |
|--------|--------|--------|-------|-------|------|-------|
| 60     | 61     | 60     | 59    | 62    | 60   | 60    |

Actual NR Level

62

## Sound Pressure Level Readings - 3 m

| 125 Hz | 250 Hz | 500 Hz | 1 KHz | 2 KHz | 4KHz | 8 KHz |
|--------|--------|--------|-------|-------|------|-------|
| 71     | 66     | 61     | 57    | 56    | 52   | 51    |

## Calculated NR Level

| 125 Hz | 250 Hz | 500 Hz | 1 KHz | 2 KHz | 4KHz | 8 KHz |
|--------|--------|--------|-------|-------|------|-------|
| 56     | 58     | 58     | 57    | 59    | 57   | 57    |

Actual NR Level

59

## Legend



Sound Pressure Readings at 1m



Sound Pressure Readings at 3 m

Remarks:

Sound Pressure Levels in a typical external environment.  
Readings taken on fan discharge of unit.

Test Engineer

Date