Power from mains
Energy Consumption
Running Cost / Year
Air Density
Smoke Venting

Fan + Motor Efficiency
Fan + Motor Efficiency
Motor Input Power (ErP)
SFP value
2102/450 (c/w Plate+M/S Guard) 450 Size / mm
A / A
Motor Frame
Motor Rating
Full Load Current
Starting Current
Motor Mounting
Electrical Supply
Start Type
Motor Winding
Enclosure
ErP [FMEG] Rating
ErP [FMEG] Target
Measurement Category
VSD

BT9
0.290 kW
2.2 A
4.75 A

Pad
220-240 Volts 50 Hz 1 Phase
DOL
Standard
Standard All
N 36 (Not ErP Compliant) N 40
A (Static)
N
28.5\% (1.14 m³/s @ 115 Pa) 0.460 kW
$0.24 \mathrm{~W} /(\mathrm{I} / \mathrm{s})$ @ Actual Duty
0.29 kW

870 kWh (3000 h/year) £104
$1.2 \mathrm{~kg} / \mathrm{m}^{3} / 20^{\circ} \mathrm{C} / 0 \mathrm{~m} / 40 \% \mathrm{RH}$ Non Smoke Venting

| Project Code | $:$ |
| :--- | :--- |
| Customer | $:$ |
| Date: | $:$ Thursday, August 17, 2017 |

Performance data has been derived from tests carried out in a Flakt Woods laboratory, in accordance with BS 848 Pt1, 1980 and is specifically applicable for laboratory, in accordance with BS 848 Pt1, 1980 and is specifically applicable for
Non Ducted installations. When an electronic controller is incorporated, enhanced motor noise can occur - particularly when the operating speed is well
below maximum. FWL therefore recommend using an auto transformer speed enhanced motor noise can occur - particularly when the operating speed is well
below maximum. FWL therefore recommend using an auto transformer speed controller for noise sensitive applications.

Acoustic data has been derived from tests carried out in a Flakt Woods laboratory, in accordance with BS 848 Pt 2, 1985 / BS EN ISO 5136 under Non Ducted conditions. The single figure provided is the overall Inlet sound pressure level at the specified distance, under spherical, free field conditions.

Acoustic figures for adjusted running speeds have been interpolated and are for reference only.

Terms and Conditions:This offer is made subject to the terms and conditions detailed on the accompanying letter.

|  | Sound Spectrum (Hz) |  |  |  |  | 2k | 4k | 8k | Overall |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 63 | 125 | 250 | 500 | 1k |  |  |  | Lw* | LpA @ 3 m** |
| Inlet* | 72 | 77 | 81 | 81 | 76 | 70 | 63 | 56 | 81 | 61 |
| * Lw dB re $10{ }^{-12}$ |  |  |  |  |  |  | * dB | re 2 | $0^{-5}$ |  |

Sound data at requested duty.

| Description | Qty |
| :---: | :---: |
| Fan 2102/450 (c/w Plate+M/S Guard) Accessories | 1 |


| Quotation Number | $:$ | Project Code | $:$ |
| :--- | :--- | :--- | :--- |
| Project Name | $:$ | Customer | $:$ |
| Item Reference: | $:$ | Date: | Fan Code |
|  |  | $:$ | Thursday, August 17, 2017 |



Northern Fan Supplies Ltd
Drawing and Dimensions
2100 Series - 2102


$\underset{\substack{\text { R No. OF holes } \\ \text { om DiA. }}}{ }$

Notes: Dimensions shown in mm / Weight in kg
This drawing shows dimensions that should be used as a guide only and are subject to change. Certified drawings are available on request.

