



## 5132306100 - IRAT/4-400A (400V 50HZ) VE - IN LINE DUCT FANS

Cabinet fan in-line manufactured from heavy gauge galvanised sheet steel. Inspection cover to facilitate maintenance, centrifugal backward curved fan dynamically balanced. Single or three-phase motor, IP55 with ball bearings. Brand S&P model IRAT/4-400A (400V 50HZ) VE .

### Theoretical Working Point

|                 |                       |
|-----------------|-----------------------|
| Airflow         | -                     |
| Static Pressure | -                     |
| Temperature     | 20 °C                 |
| Altitude        | 0 m                   |
| Density         | 1.2 kg/m <sup>3</sup> |
| Frequency       | 50 Hz                 |
| Voltage         | 3-230/400V-50Hz       |

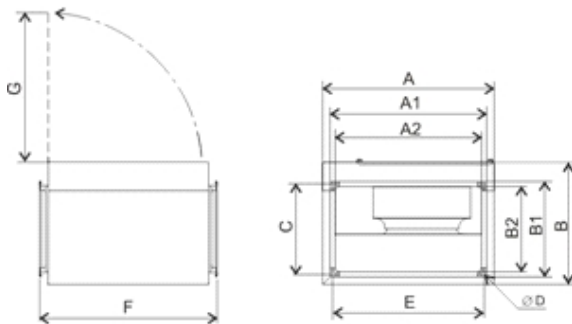
### Construction

|          |          |
|----------|----------|
| Diameter | 400      |
| Fan size | 400      |
| Blades   | 0        |
| Weight   | 72.00 kg |

### Motor Characteristics

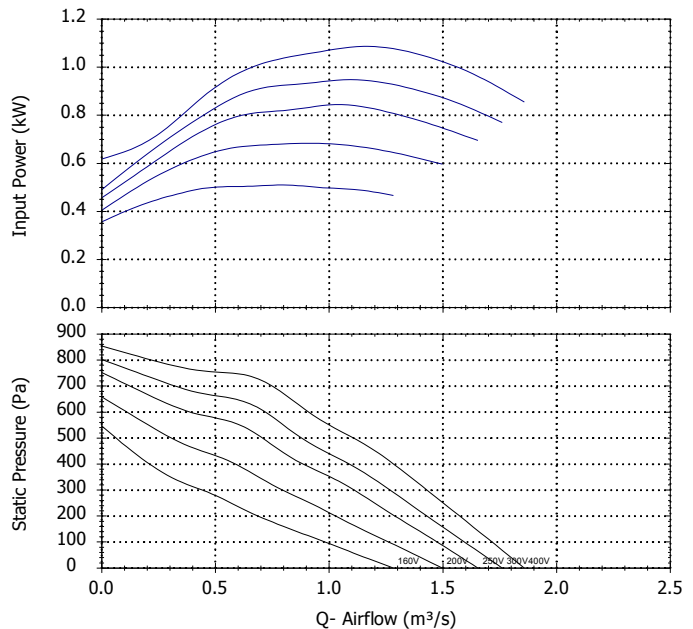
|                          |                 |
|--------------------------|-----------------|
| Number of poles          | 4               |
| Motor Power              | 0               |
| Maximum absorbed current | 3.3 A / 1.9 A   |
| Voltage                  | 3-230/400V-50Hz |
| IP Rating                | IP55            |
| Motor insulation class   |                 |

### Drawing



| A   | A1  | A2  | B   | B1  | B2  | C   | D | E   | F   | G   |
|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|
| 900 | 839 | 800 | 660 | 539 | 500 | 520 | 9 | 820 | 885 | 831 |

### Performance Chart



### Sound Performance

|                   | 63 | 125 | 250 | 500 | 1k | 2k | 4k | 8k | Overall |
|-------------------|----|-----|-----|-----|----|----|----|----|---------|
| Inlet (LwA)       | 62 | 76  | 70  | 74  | 68 | 66 | 65 | 59 | 80      |
| Inlet LpA @ 1m    | 51 | 65  | 59  | 63  | 57 | 55 | 54 | 48 | 69      |
| Breakout (LwA)    | 55 | 68  | 60  | 59  | 56 | 54 | 52 | 44 | 70      |
| Breakout LpA @ 1m | 44 | 57  | 49  | 48  | 45 | 43 | 41 | 33 | 59      |





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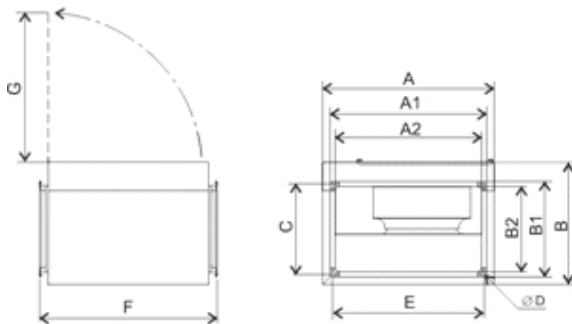
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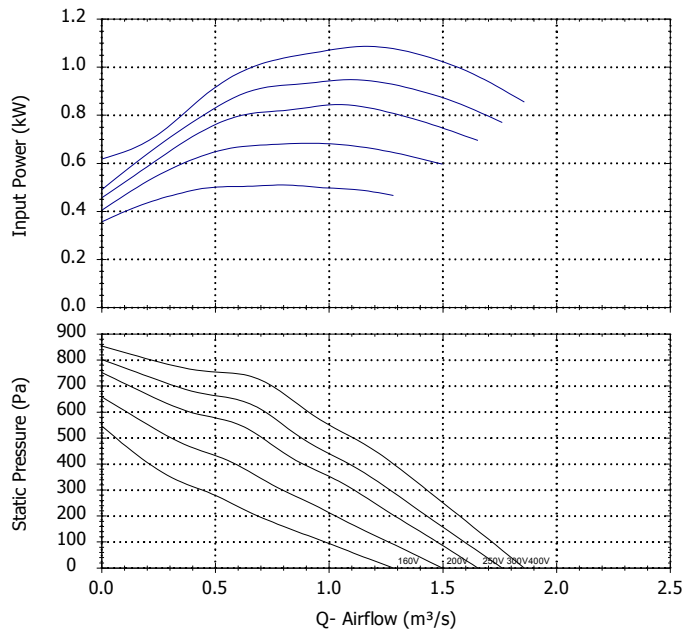
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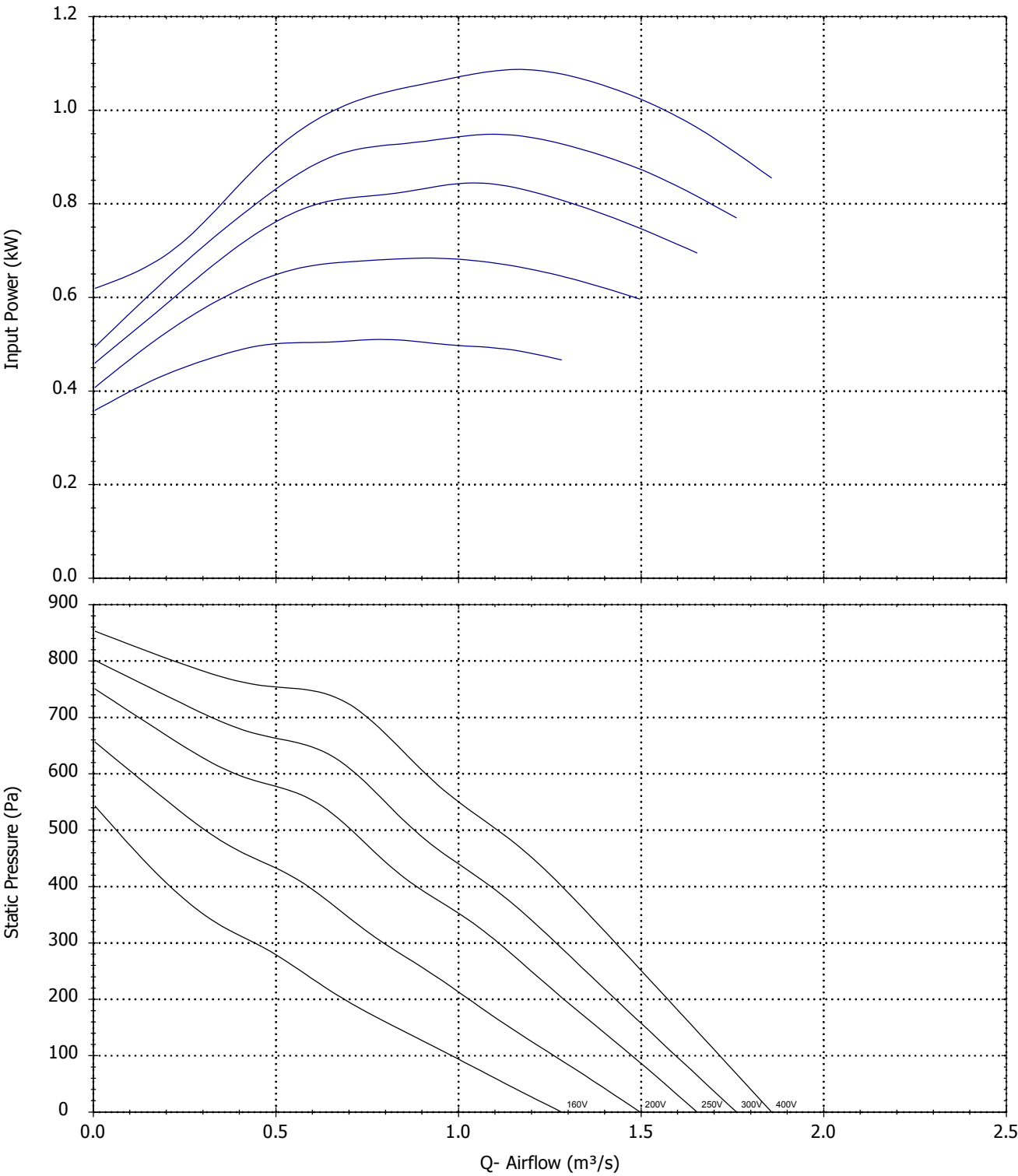
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|-------------------|----|-----|-----|-----|----|----|----|----|---------|
| Inlet (LwA)       | 62 | 76  | 70  | 74  | 68 | 66 | 65 | 59 | 80      |
| Inlet LpA @ 1m    | 51 | 65  | 59  | 63  | 57 | 55 | 54 | 48 | 69      |
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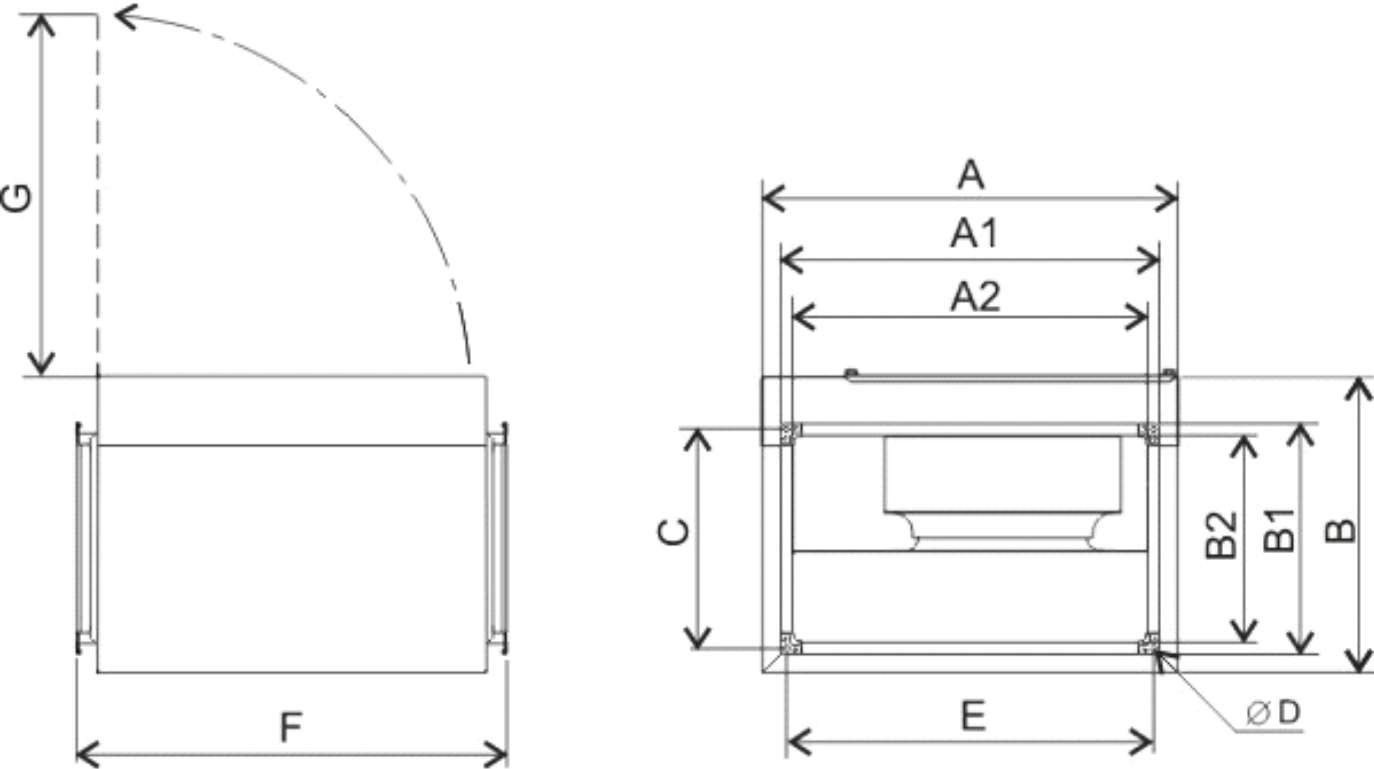
Performance Chart





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Drawing



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Q = 1