

NRG77/1000-2212

# EC centrifugal fan

backward-curved, single-intake  
Gas blower for condensing boilers



NRG77/1000-2212 ebmpapst Datasheet FansCo

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## Nominal data

| Type                        | NRG77/1000-2212   |            |
|-----------------------------|-------------------|------------|
| Phase                       |                   | 1~         |
| Nominal voltage             | VAC               | 230        |
| Nominal voltage range       | VAC               | 220 .. 240 |
| Frequency                   | Hz                | 50/60      |
| Valid for approval/standard |                   | VDE        |
| Speed (rpm)                 | min <sup>-1</sup> | 12500      |
| Power consumption           | W                 | 50         |
| Min. ambient temperature    | °C                | 0          |
| Min. temp. of flow medium   | °C                | -15        |
| Max. temp. of flow medium   | °C                | 80         |
| Air flow                    | m <sup>3</sup> /h | 78         |
| Pressure increase           | Pa                | 1650       |

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment  
Subject to change



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## Technical description

|                              |  |
|------------------------------|--|
| <b>Weight</b>                | 0.730 kg   |
| <b>Dimensions</b>            | 175 x 134.5 x 98 mm                              |
| <b>Cover material</b>        | PP plastic                                       |
| <b>Impeller material</b>     | PP plastic (black)                               |
| <b>Housing material</b>      | Die-cast aluminum                                |
| <b>Degree of protection</b>  | IP00   |
| <b>Insulation class</b>      | "H"  |
| <b>Installation position</b> | Any  |
| <b>Storage</b>               | Ball bearing                                     |
| <b>Protection class</b>      | I (with customer connection of protective earth) |
| <b>Approval</b>              | VDE, CE  |



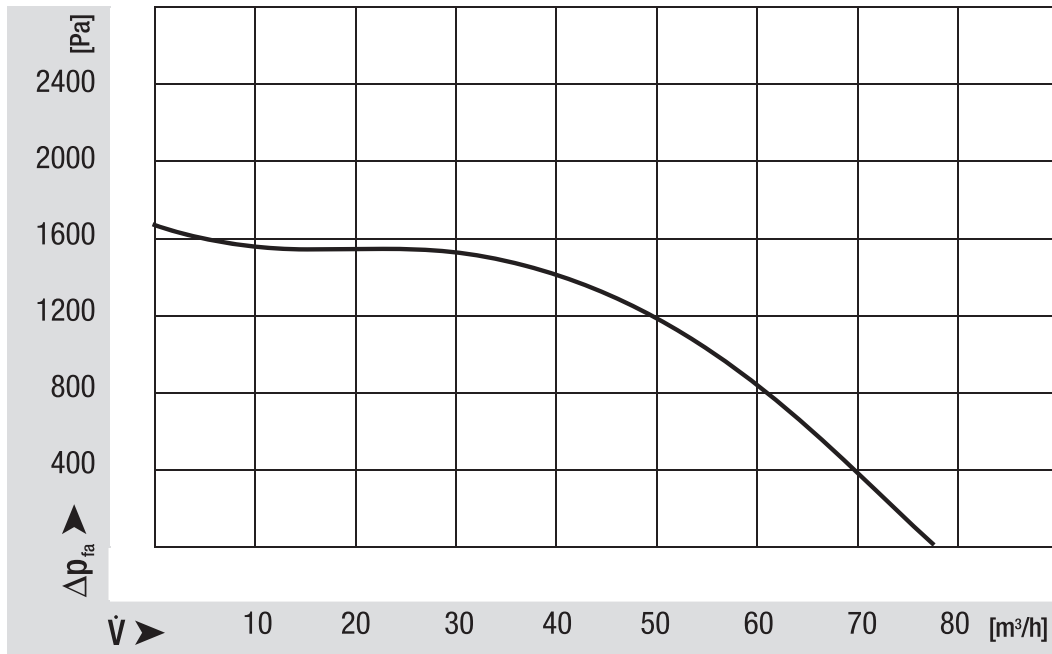


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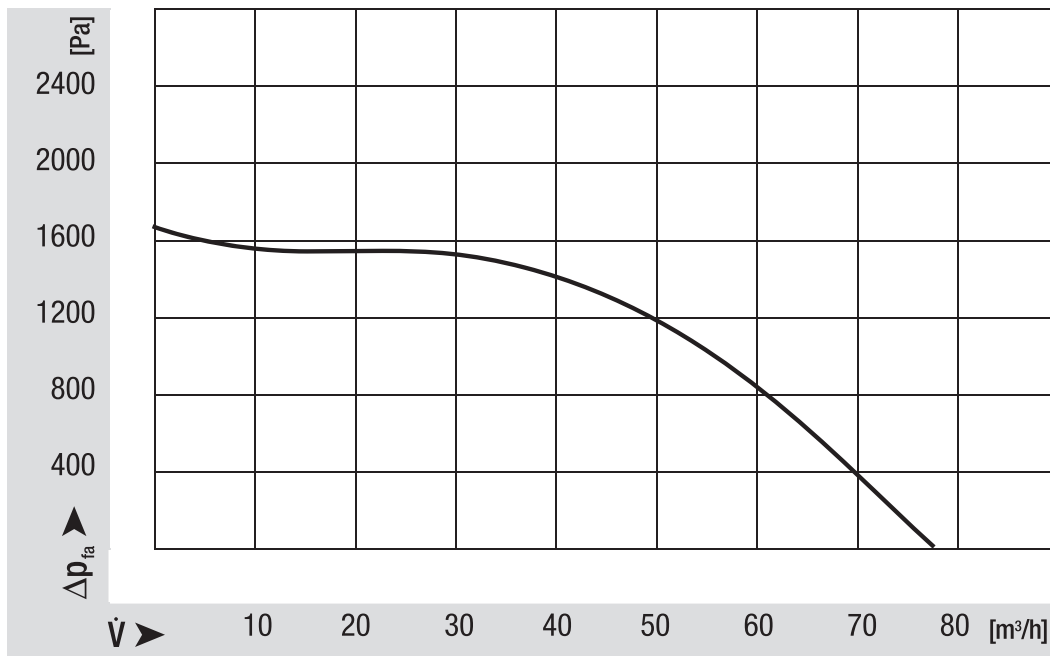
## Curves



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## Curves: Air performance



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## Curves: Speed (rpm)

