**Ingersoll Rand Air Solutions HIBON**
2, Avenue J.P Sartre
59290 WASQUEHAL (France)

| Scope of supply | | |
|---|---|---|
| **Components*** | **Description** | **Qty** |
| Air end | Standard Hibon positive displacement blower in cast iron and steel, type NX12. | 1 |
| Inlet | Carbon steel inlet silencer with integrated filter cartridge | 1 |
| Outlet | Non return valve, connecting pipe and flexible sleeve | 1 |
| Drive | V-BELT/Tooth-belt drive with safety guard | 1 |
| Base frame | Base frame in carbon steel with integrated silencer, safety pressure valve, automatic system for belt tensioning, earth connection, anti vibratory pads and anchor bolts. | 1 |
| Electric motor | Squirrel cage motor 45 kW – 3000 rpm – IE3 – 415 V- 3phases- 50hz - B3 – IP55 – IE3 Classification - class insulation F / temperature B – cast iron frame – IC 411 self ventilated - terminal box fitted on the top side – 1 set of heaters - tropicalization<br>- Design / construction / painting according to **IEC EN60034** norm<br>Brand at choice of Ingersoll rand : Focquet (ABB motor on request with extra cost) | 1 |
| Instrumentation | - 1 inlet filter clogging indicator diam.63<br>- 1 pressure gauge diam. 63 (bar unit) fitted on the enclosure<br>- 1 temperature switch – blower thermal protection (setting point 140°C) | 1 |
| Painting | **Base unit and blower painted according to our standard specifications:**<br>• Alkid Acrylic "galmakyd 55000" with a nominal dry film thickness of 40µm<br>• Acoustic enclosure: epoxy powder 40 µm beige (Munsell 3.6 Y 7.31/2.9)<br>• Blower, frame and silencer: black (RAL 9005)<br>• Drive guard: Red (RAL 3020) | 1 |
| Oil | Hibon synthetic lube supplied for first filling | 1 |
| Dimensions | Refer to Ingersoll Rand Air Solution Hibon G.A Drawing | 1 |
| Packing | Road packaging included (pallet with plastic cover) | |
| Acoustic enclosure | Indoor acoustic enclosure on pallettisable frame with additional ventilation fan 1,1 kW - 415/3/50 Hz - IP55 - IEC standard<br>* Carbon steel sheet panel painted according to Ingersoll Rand standard paint<br>* Self-extinguishing acoustic material: polyurethane foam | 1 |

** Silent Flow packages are made of vendor standard parts*