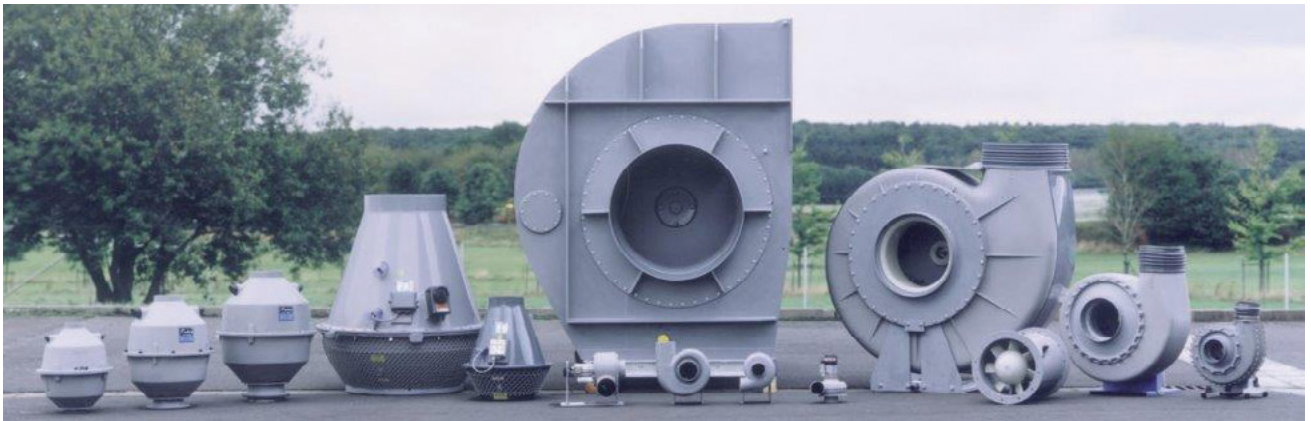


CORROSION
RESISTANT FANS



PUSHING FRONTIERS TO DEVELOP
THE RIGHT ENVIRONMENT

- Plastica Technologies offer a comprehensive range of fans constructed in corrosion resistant plastic materials.
- Fan Cases and Impellers can be constructed in the following materials:
 - PP = Polypropylene.
 - PP-FR PPs = Polypropylene flame-retardant to DIN 4102 B1.
 - PE = Polyethylene.
 - PE-FR (PEs) = Polyethylene flame-retardant to DIN 4102 B1 and electrically conducting.
 - PVC = Polyvinyl Chloride.
 - PVDF = Polyvinylidene fluoride.
 - ...-el = Electrically conducting thermoplastics with a surface resistance <10 Ohm to DIN EN 13463-1.
 - GfK = Glass fibre reinforced plastic.
 - CfK = Carbon fibre reinforced plastic.
- Each impellor is statically and dynamically balances to Q6.3 in accordance with VDI 2056.
- All fans are manufacture in accordance with quality control system ISO 9001:2000.
- Available to meet ATEX 94/9/EC.



**HFR - HIGH EFFICIENCY
CENTRIFUGAL FAN RANGE**

- Fan size range:125 to 500 dia.
- Duties: 100 to 15,000 m³/hr.
- Pressure differential up to 5,000 pa.
- Efficiency: 81% at the optimum operating point.
- Fan unit complete with splinter guard.



**HFR - HIGH EFFICIENCY
CENTRIFUGAL FAN RANGE**

- Fan size range: 560 to 1,000 dia.
- Duties: 3000 to 15,0000 m³/hr.
- Pressure differential up to 3,000 pa.
- Efficiency: 80% at the optimum operating point.



**HFD - RADIAL ROOF
VENTILATOR FANS**

- Duties between 2,000 to 10,000 m³/hr, pressures up to 1,150 pa.
- Efficiency of 60% at the optimum operating point.



**HIGH EFFICIENCY AXIAL
FAN RANGE**

- Fan size range: 125 to 500 dia.
- Duties: 200 to 50,000 m³/hr.
- Pressure differential up to 3,000 pa.
- Efficiency: 81% at the optimum operating point.

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**PLASTICA
TECHNOLOGIES**