



SOLVENT RECOVERY SYSTEMS

Professional - Industrial - Ergonomic

Di 15 Ax LCD

Di 30 Ax LCD

Series Standard - DISTATIC

*For liquid contaminants, the process residues are discharged by a simple rotation of the plant. For solid contaminants, like paints, polymers, resins and glues, the practical “**Rec-Bag**” bag eliminates any problem of discharge and cleaning.*

Model Di 15 Ax LCD

- **Explosion proof** version ATEX approved
- **Flammable** solvents recycling
- **Loading capacity:** 15 litres
- **Total volume of the boiler:** 19 litres
- **Internal diameter of the boiler:** 240 mm
- **Processing time:** hours 3,30 - 4,30
- **Working temperature:** 50 - 180 °C
- **Operating:** atmospheric pressure
- **Voltage:** 230 V - 50 Hz
- **Electrical supply:** single phase + earth
- **Connected power:** 1040 W
- **Electrical protection:** II2G IIA T3 to T2
- **Vapour condenser:** stainless steel – cooled by air (on request, version “Wx”, cooled by water in open circuit)
- **Cover gasket:** standard, acetone, universal
- **Dimensions:** cm 55 x 65 x 165 H
- **Weight:** 67 kg
- **Packing list for shipment:** Cardboard on pallet
- **Dimensions:** cm 70 x 63 x 117H - Kg 74



Plant equipped with vacuum group



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Plant equipped with vacuum group

Model Di 30 Ax LCD

- **Explosion proof** version ATEX approved
- **Flammable** solvents recycling
- **Loading capacity:** 30 litres
- **Total volume of the boiler:** 43 litres
- **Internal diameter of the boiler:** 320 mm
- **Processing time:** hours 3,30 - 4,30
- **Working temperature:** 50 - 180 °C
- **Operating:** atmospheric pressure
- **Voltage:** 230 V - 50 Hz
- **Electrical supply:** single phase + earth
- **Connected power:** 2040 W
- **Electrical protection:** II2G IIA T3 to T2
- **Vapour condenser:** stainless steel – cooled by air (on request, version “Wx”, cooled by water in open circuit)
- **Cover gasket:** standard, acetone, universal
- **Dimensions:** cm 60 x 99 x 116 H
- **Weight:** 142 kg
- **Packing list for shipment:** Cardboard on pallet
- **Dimensions:** cm 74 x 113 x 143H - Kg 156

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Additional

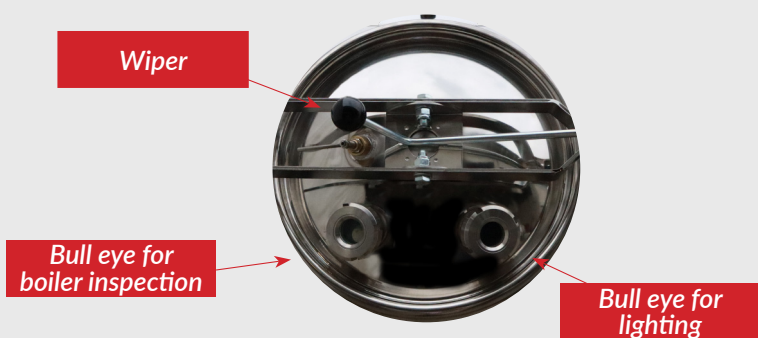
"REC-BAG" Bags for Distillation Residues

The use of "Rec Bag" allows achieving a high concentration of solid contaminants (paints, pigments, resins, polymers, inks, etc.) with a consequent higher distillation yield. It means to get a process residue with very low solvent contents; this residue, contained inside the bag, is easy and quick to discharge, avoiding any contact with sludge and any cleaning of the boiler.

- Rec-Bag 15 litres --> 50 pieces package
- Rec-Bag 30 litres --> 50 pieces package



Optional



Bull's eyes with wiper

Couple of bull's eyes with wiper for easy inspection inside the boiler during the distillation process and allowing a second loading without opening the cover.

- For 15 litres units
- For 30 litres units

Functioning principle

The units of the Distatic series are distillers which allow to recycle and re-use degreasing and washing solvents. Through a simple distillation process, they separate the contaminants (resins, polymers, pigments, paints, oils, etc.) from the original solvent. The boiling of the solvent is accomplished by a peripheral heating jacket filled with diathermic oil, heated by an electrical element. The vapours are then conveyed to a condenser cooled by air or water. The condensed solvent is collected in a tank, for its reuse. The contaminants remain as a residue inside a disposable bag named "Rec-Bag" or it can be discharged by tilting the unit itself. The distilled solvent characteristics are not altered by the distillation process, which can be carried on repeatedly.

*All Formeco units can be equipped with a **Vacuum Group**, suitable for solvents with a high boiling point or for flammable solvents with a boiling point close to the auto-ignition temperature.*



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