



SOLVENT RECOVERY SYSTEMS



Professional

Industrial

Ergonomic

MAAHANTUOJA



VANTAA 09-825 06 700

Pihkalantie 4 01480 Vantaa

ROVANIEMI 040 488 9335


Ahjotie 4 96320 Rovaniemi

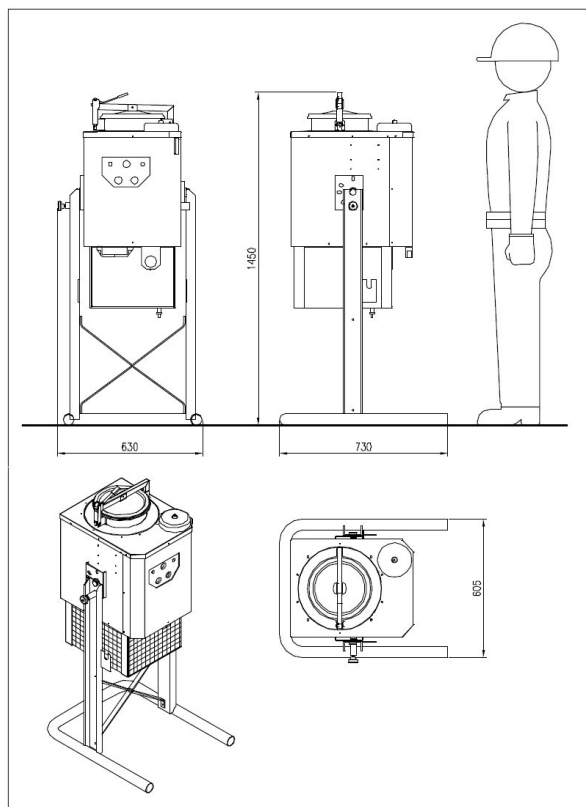
VIRO, Tartto +372 51 566 08

SERIES STANDARD "DISTATIC"




Model Di15 Ax LCD

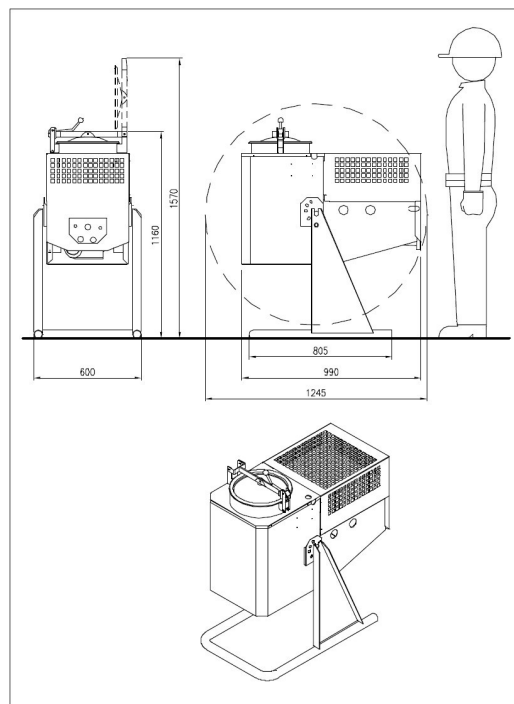
- Explosion proof version  ATEX approved
- For recycling of flammable and not flammable solvents
- Loading capacity: 15 litres
- Total volume of the boiler: 19 litres
- Inner diameter of the boiler: 240 mm
- Processing time: hours 3,30 - 4,30
- Working temperature: 50 - 180 °C
- Operating: atmospheric pressure
- Voltage: 230 V - 50 Hz
- Electrical supply: single phase + earth
- Connected power: 1040 W
- Electrical protection: II 2G IIA T3 to T2
- Vapour condenser: stainless steel - cooled by air
(on request - version "Wx" - cooled by water in open circuit)
- Cover gasket: standard
- Dimensions: cm 55 x 65 x 165 H
- Weight: 67 kg
- Packing list for shipment: Cardboard
- Cm 70 x 63 x 117H - Kg. 74



SERIES STANDARD “DISTATIC”

Model Di30 Ax LCD

- Explosion proof version  ATEX approved
- For recycling of flammable and not flammable solvents
- Loading capacity: 30 litres
- Total volume of the boiler: 43 litres
- Inner 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
- Dimensions: cm 60 x 99 x 116 H
- Weight: 142 kg
- Packing list for shipment: Cardboard on pallet
Cm 74 x 113 x 143H -Kg. 156



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.

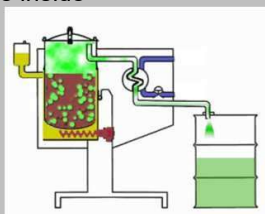


RecBag 15 litres 50 pieces package

RecBag 30 litres 50 pieces package

FUNCTIONING PRINCIPLE

The units of the Dlstatic series are distillers which allow the recycling and the 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 by tilting the unit itself. The distilled solvent characteristics are not altered by the distillation process, which can be carried on repeatedly.



TERMS

Dlstatic

Distillation units with tilting boiler: residue unloading by means of mono-use bags “Rec Bag” (for solid contaminants) or tilting the unit (liquid contaminants). In the event of solid contaminants, the concentration of the process residues inside the bags excellent: a solid cake which is easy to dispose off.

Di = Explosion Proof

Distillation units with explosion proof electrical protection, II2G IIA T3 to T2, for treating Inflammable and Not Flammable solvents, able to operate in the maximum danger zone (zone 1).

15-30 = Loading capacity

Effective loading capacity of the boiler (litres)

Ax = Air condenser

Vapour condenser made of Stainless Steel AISI 304 cooled by air with a ventilation fan.

LCD = Liquid crystal display

Control board with LCD for time regulation.