



ipura

by

USA[®]
S.p.A.





Upgrade your professional skills

with the cutting-edge technology of IPURA, the dry cleaning machine that uses an aliphatic hydrocarbon solvent with **low environmental impact**.

Its patented bathless process uses a special innovative technique instead of conventional technology so that **bath and extraction are no longer needed**.

The “Jet Clean” injection ensures the cleaning **by respecting fabrics and brightness**.

This ensures **effective and gentle cleaning** of classical and technical fabrics along with their accessories and finishing.



Ipura 240/N



Ipura 440/S

Make your work easier

by **doing away with such routine maintenance operations** as sludge removal and filter regeneration.

Since **little solvent needed** for the cleaning process, solvent management is easier and consumption check-ups and top-ups are facilitated.

Extraction is eliminated so no vibration is transmitted to ground.

The “One Way” cleaning system and the special ventilation system made possible by the “Air Power” loading door to ensure very good finishing, as garments are **free from lint and easier to press**.



Ipura 440/N



Ipura 640 / 640 Plus



Cut down costs

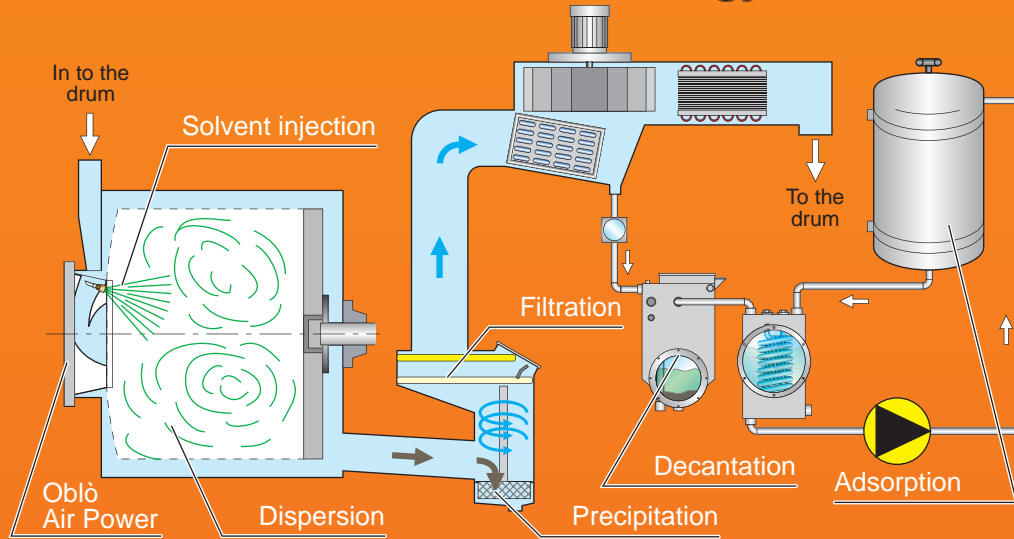
right from installation, as the machine requires **no anchoring to the floor or connection to an external steam source.**

Closed circuit heat pump drying is achieved with **no additional heater** and a special separation/filtering technology is used **instead of distillation** to provide pure solvent for each cycle.

Since there is **no still**, sludge is only found in the filter elements, which are easy and quick to replace at the warning of the IL3 touch-screen computer.

The system allows a long life to the filtering cartridge that can be estimated around **700 cycles** approx. They are also dramatically **reduced water and power consumption**, while steam is at zero, resulting in low overall energy requirement.

Jet Clean technology



The Jet Clean technology uses in a non conventional manner, the chemical and physical properties of aliphatic hydrocarbon solvents.

The main cleaning phases are called static injection and dynamic injection, through which the **distribution, absorption and dispersion**, takes place and which removes the dirt from the garments.

The excellent solvent quality is guaranteed by combination of the following effects:

Dispersion, Precipitation, Filtration, Decantation and final Adsorption.

NO bath cleaning

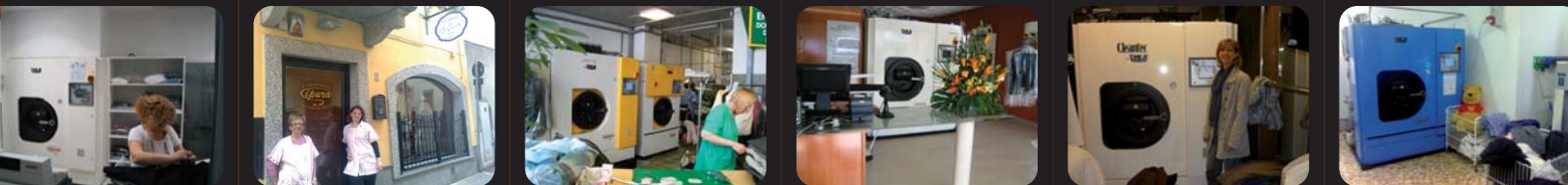
NO bolt down

NO distillation

NO emissions

NO extraction

NO steam





All IPURA models are equipped with **IL3 Touch Screen**, easy to be used and performing wide range of pre-loaded, cleaning programs.



Solvent injection filters

'Flash' solvent heater

Cartridge filter

Main separator

Solvent tank

Support

Solvent spillage tank

Fan

Cooling battery

Main motor

Compressed air group

Air filter holder

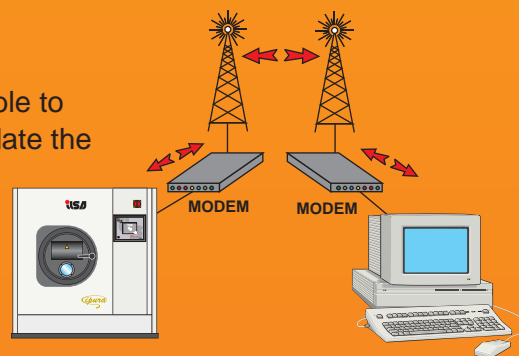
Button trap filter holder

Additional separator

Ipura 440/N



All **IPURA** models are equipped with modem for on line service. This system allows to carry out an efficient support service for data transmission between customer and the technical service. It is possible to check in real time the machine operation, to manage the alarms, update the system, change or realize programs and check history.



SPECIAL VERSION

IPURA 640 Plus



IPURA 640 is also available as **Plus** version with hybrid system which allows, in addition to the standard cleaning by Jet Clean system, the cleaning in bath with extraction. This version is designed for the laboratories where it is necessary to manage easily even the cleaning of big dimensions pieces, i.e. curtains, sofa or pieces of clothes for which the solvent spreading by injection could not, in certain cases, ensure good results. For this model it is necessary bolt down.

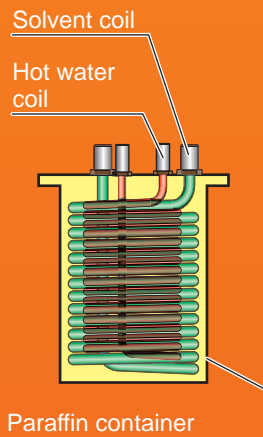
WMS system

On request, models 440 can be equipped with **Water Management System (WMS)**. Ipura support frame is replaced by a stainless steel tank that receives the heated water of the refrigerator system and by means of a suitable circuit makes it available for an lwash or any other washing machine. Thanks to this solution further water and electric energy are saved, without affecting the overall dimensions.



'Flash' paraffin heater

The standard solvent heater can be replaced, on request, with the "flash" paraffin heat storage model. This device can heat in real time the solvent injected during the washing cycle and keep these optimum conditions even for many hours.



TECHNICAL DATA		240/N	440/N	440/S	640	640 Plus
Loading capacity	kg	9,5	17,5	17,5	25,5	25,5 / 32
Drum						
Volume	l	240	440	440	640	640
Diameter	mm	800	1000	1000	1100	1100
Depth	mm	485	560	560	670	670
Loading door diameter	mm	500	500	500	500	500
Drum revolutions						
Minimum	min ⁻¹	7	3	3	3	11
Maximum	min ⁻¹	50	44	44	44	500
Useful tank volume						
Tank 1	l	25	25	25	50	25
Tank 2	l	-	-	-	-	160
WMS Tank	l	-	210*	280*	-	-
Cartridge filter	l	65x1	65x1	65x1	65x1	65x2
Dimension						
Width	mm	990	1200	1720	1655	1655
Depth	mm	1800	1850	1600	2200	2200
Height	mm	2110	2175	2180	2430	2430
Height for entry	mm	1910	1980	1980	2186	2186
Empty weight	kg	847	1250	1275	1810	1940
Dynamic load	kg/m ²	525	604	497	529	1087
Electrical power						
Solvent pump	kW	1,1	1,1	1,1	1,1	1,1
Solvent pump 2	kW	-	-	-	-	1,1
Fan	kW	1,5	1,5	1,5	3	3
Cooling compressor	kW	4,55	4,55	4,55	8	8
Motor with inverter	kW	0,75	0,75	0,75	1,1	4
Electric adsorption	A	16	16	16	25	32
Connection						
Electric	3x400 V3/N/PE-50Hz					
Water	3/4" - 350 KPa - 25°C max					
Compressed air	1/4" - 600 KPa					

* Accessory on request



Via C. Bassi, 1
40015 San Vincenzo di Galliera (BO) - Italy
Tel. 051/815154 - Fax 051/812697
www.ilsa.it - e-mail: info@ilsa.it

DISTRIBUTED BY: