



Technical Specifications

Fast. Smart. Clean.

		40	60
LOADING CAPACITY	Lbs	40	60
DRUM			
Diameter	<i>inches</i>	35.4	39.3
Depth	<i>inches</i>	21	25.1
Wash speed	<i>rpm</i>	20-55	20-55
Extract speed	<i>rpm</i>	300-520	300-520
Door opening	<i>inches</i>	20	20
TANKS			
Useful volume tank 1	<i>gal</i>	39	50
Useful volume tank 2	<i>gal</i>	28	32
CARTRIDGE FILTER			
Volume	<i>gal</i>	14.5	20
Housing	<i>nr</i>	2	2
Cartridges	<i>nr</i>	2	3
ELECTRIC POWER			
Working power	<i>Kw</i>	8.7	9.3
Washing / extract motor	<i>Hp</i>	1-4.5*	1.2-5.5*
Solvent pump	<i>Hp</i>	1	1
Fan	<i>Hp</i>	3	3
Fridge compressor	<i>Hp</i>	4.5	4.5
MACHINES WEIGHTS			
Empty machine	<i>Lbs</i>	3728	3794
Machine with solvent	<i>Lbs</i>	4348	4575
Static charge to floor with solvent	<i>Lbs/ft²</i>	150	144
Dynamic charge (+10%)	<i>Lbs/ft²</i>	227	247
MACHINES DIMENSIONS			
Width	<i>inches</i>	49.2+4	51.2+4
Depth	<i>inches</i>	88.2	89.4
Height	<i>inches</i>	80.3	84.3



* POWER CHANGES ACCORDINGLY TO THE USE OF THE MACHINE
 Note: Acoustic emission level of the machines is lower than 70 dB (A)
 Specifications subject to change without notice



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SERIES UNION NOVA SS



The ideal dry cleaning system for using alternative solvents



SERIES UNION NOVA SS - 40/60

In the dry cleaning world today the most commonly used solvents are non-halogenated paraffin based hydrocarbon solvents, simply known as 'hydrocarbon solvents', as well as the recent liquid silicone generally known as 'Green Earth'.

These are modern solvents and particularly suitable for cleaning even the most delicate garments worn today. They are particularly delicate thanks to their specific weight, being much lighter than perc and water, thus having a much gentler treatment on garments and fibers during the cleaning cycle.

They are also particularly suitable for colored garments, synthetic textiles, plastic materials in general and leather parts, bringing out brighter colors and making garments softer, and ironing easier.

Union presents a new dry cleaning system, **NOVA-SS**, an innovative solution to the many demands of the professional cleaner.

The **UNION NOVA-SS** is simply ingenious! **NOVA-SS** is an innovative cleaning system which groups two independent filter systems, the first for cleaning dark garments and the second for lighter colored or white garments.

NOVA-SS offers an excellent compatibility with a wide range of textiles and accessories. It's easy to use and requires very little maintenance.

Low energy consumption and big savings on running costs are guaranteed. **UNION NOVA-SS** is supplied as standard with a conventional water cooled fridge system; the **WATER FREE** version can be easily and rapidly installed as only a single electrical cable connection is required.

SIMPLIFIED IRONING; the **NOVA-SS** system, using new hydrocarbon based solvents, makes ironing easier and quicker, with obvious advantages for labor costs and labor satisfaction. Since there is no still unit the **NOVA-SS** has a reduced requirement for space behind the machine compared to a traditional system.

NOVA-SS is available as either a 40 or 60 Lbs load capacity machine.



DIALOG

The new **DIALOG** computer comes ready-programmed for all your cleaning requirements whatever solvent you wish to choose. The programs can also easily be customized by the machine operator by following a few simple instructions. **DIALOG's** wide and well lit screen gives clear and understandable information about how the particular program is working. The computer **DIALOG**, with its simple to use and easy to read menus, constantly monitors the most important features of each cycle.



UNIJET CLEANING SYSTEM

NOVA-SS is equipped with a conventional solvent inlet into the drum, for gentle or conventional cleaning, and a unique **UNIJET** high pressure solvent injection feature to boost the cleaning power when necessary.

The unique **UNIJET** feature produces a high pressure blade of solvent, concentrated into a specific area of the basket where the garments rotate at optimal speed; this action will impact solvent to the fiber of the garment improving the removal of soil rapidly and efficiently, with noticeable cleaning results.

The cleaning action of **UNIJET** solvent blade makes the cleaning action fast, sometimes helping to reduce the cleaning time normally requested, shortening the total cycle.

The unique **UNIJET** solvent blade feature reduces stress on the fibers but still allows an excellent action of the solvent on soil; in fact the solvent, penetrating rapidly into the fibers, does not require mechanical action produced by friction coming from garment on garment contact, with greater benefit to the garments themselves.

The **UNIJET** solvent spray is located close to the loading door to maximize the impact on the fibers, improving the cleaning results.



UNION NOVA main features;

- Minimum consumption and maximum saving; extremely low consumption
- Highly compatible with the environment through use of low impact solvents and no waste drainage into drains.
- Cleaning with **NOVA-SS** makes garments softer and brings out brighter colors.
- Drastic reduction in static electricity charge meaning better finishing and faster ironing.
- The **NOVA-SS** system is **WITHOUT DISTILLATION**.
- The **NOVA-SS** system is **ECO-COMPATIBLE**, designed for new low impact solvents
- **NOVA-SS** is a Multi Solvent system, and can clean either with hydrocarbon or Green Earth solvents.
- Basket rotation is controlled by an 'inverter' system which is completely programmable to allow different rotation speeds during the same cleaning and drying program.
- The inverter speed control also allows a rocking movement of the drum, without a full basket rotation.

- Extract speed can also be specially programmed for particularly delicate garments.
- **NOVA-SS** has the standard feature of a double air filter to guarantee maximum protection against particles of dust and filaments.
- **NOVA-SS** has a wide loading door in order to ease loading and unloading of garments into the machine.
- **NOVA-SS** has a second water separator as a standard feature.
- **NOVA-SS** has an automatic 'dry control' system.
- The **NOVA-SS** cooling system is fitted with a series of freon pressure gauges.
- **NOVA-SS** is available either as a slim design with a compact frontal dimension
- Standard feature on the **NOVA-SS** is the self drying button-trap.

WATER FREE

The **WATER FREE** version features an air cooled refrigerator system therefore completely eliminating cooling water consumption and the costs of a mains water connection. With the cost of water or chiller, that means big savings on your pocket and on the environment. No more heated water going out into public drains and into the environment is a big help to improving sustainability.



NOVA-SS with a loading capacity of 40 or 60 Pounds of dry garments requires only limited power, less than all the other machines working in the laundry set-up. With such a low consumption the **NOVA-SS** can easily be used in shops with a low power supply or where electrical power is required elsewhere. **UNION** has in fact developed a new high efficiency refrigerator heat pump especially for the **NOVA-SS** system which is able to make full use of energy during the drying cycle.

WET DRYER

NOVA-SS is also a perfect wet cleaning dryer, perfect to dry clothes washed into a high speed extract washing machine. This feature is included on the **NOVA-SS** as standard feature. On demand the **NOVA-SS** can be equipped with a moisture control to set the moisture grade of fibers during drying, ideal for the wet cleaning process. **NOVA-SS** can dry fast and well and if equipped with a **WATER-FREE** drying system which does not need any air outlet.

FILTERS

NOVA-SS is supplied as standard with a double cartridge filter circuit for maximum flexibility, to let you run separate cleaning cycles for light and standard color garments.



UNION NOVA-SS, simplicity and saving together.