

Fast. Smart. Clean.



SERIES UNION NOVA SS



The ideal dry cleaning system for using alternative solvents

SERIES UNION

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, requires very little maintenance, low energy consumption and savings on running costs.

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 **DIALOG** computer, 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.

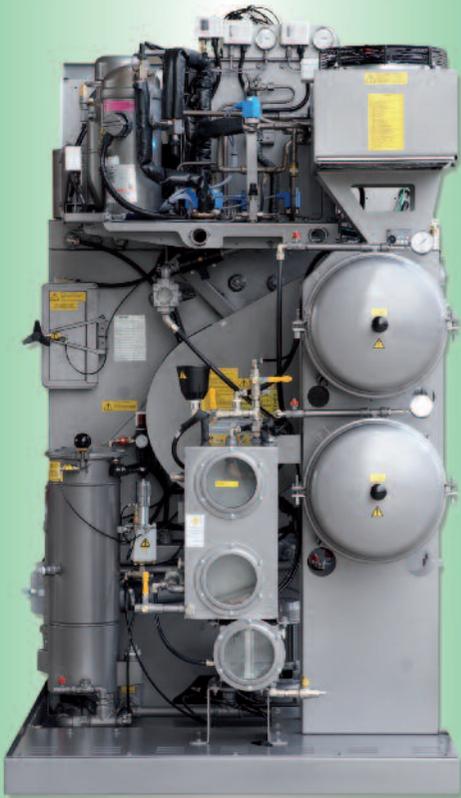
The unique **UNIJET** feature produces a high pressure nozzle of solvent, concentrated into a specific area of the basket where the garments rotate at optimal speed; this action will impact solvent to the fiber of the garment improving the removal of soil rapidly and efficiently, with noticeable cleaning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

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

The unique **UNIJET** solvent nozzle 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.



NOVA SS - 40/60



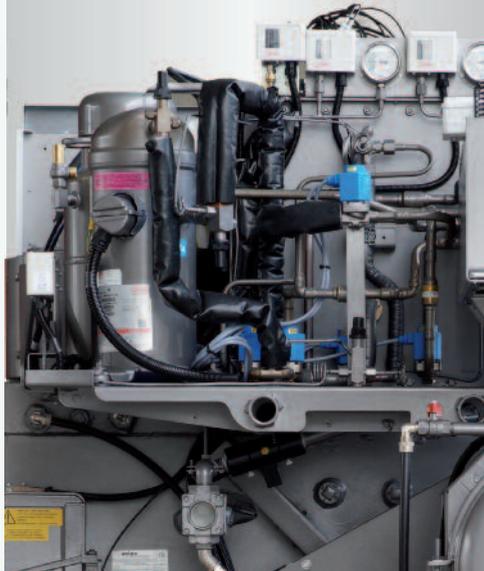
UNION NOVA main features;

- 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.
- 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.
- 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.

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. Without the cost of City water or a 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.

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.

Technical Specifications

		40	60
LOADING CAPACITY			
		40	55 ÷ 60
DRUM			
			x
Diameter	inches	35.4	39.3
Depth	inches	21	25.1
Wash speed	rpm	20 ÷ 50	20 ÷ 50
Extract speed	rpm	300 ÷ 520	300 ÷ 520
Door opening	inches	20	20
TANKS			
Useful volume tank 1	gal	31	38
Useful volume tank 2	gal	31	38
Useful volume tank 3	gal	-	-
CARTRIDGE FILTER KR			
Volume	gal	22.5	22.5
Housing	nr	2	2
Cartridges	nr	3	3
ELECTRIC POWER (220V 3ph 60Hz)			
Working power	kW	9.5	10.5
Washing / extract motor	Hp	*1.7÷4.7	*2.7÷7.5
Solvent pump	Hp	1	1
Fan	Hp	3.5	3.5
Fridge compressor	Hp	7	7
Remote condenser	Hp	0.42	0.42
MACHINES WEIGHTS			
Empty machine	lbs	3064	3638
Machine with solvent	lbs	3651	4387
Static charge to floor with solvent	lbs/ft ²	132	136
Dynamic charge (+10%)	lbs/ft ²	211	237
MACHINES DIMENSIONS			
Width	inches	47.2+5.2	51.3+5.2
Depth	inches	89.0	94.5
Height	inches	83.5	86.0

* 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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