

*Welcome to the Future of Dry Cleaning!*





# HARMONY CLEANING SYSTEM

## Welcome to the future of dry cleaning!

*The Harmony Cleaning System is an energy efficient, cost-effective professional cleaning solution that replaces traditional dry cleaning machines and cleaning methods. It has simplified professional cleaning with one machine, one detergent and one process.*

## The Harmony Cleaning System offers:

- Reduced Cost of Ownership
- Eco-Friendly Green Technology
- Superior Cleaning Quality
- Steam Heat
- Dry-to-Dry Cycle Options
- Multi-Weight Loading
- 14-Minute Wash Cycles
- 55- Second Quick Extract
- Automated Cleaning Programs

- Touch Screen Controls
- 100-Formula Capacity
- 10 Water Level Options
- Global Settings
- 8 Chemical Ports
- Heavy Duty Shocks and Springs
- Easy-to-Clean Drain and Filter
- No Hazardous Waste

## MOST COMPREHENSIVE AUTOMATED CLEANING SYSTEM ON THE MARKET

For over 60 years, Harmony Cleaning System's creators have pursued perfection in the commercial laundry equipment industry. These high standards, coupled with a strong attention to detail, have led to creation of the most comprehensive, automated cleaning system on the market.

The Harmony Cleaning System is a seamless solution from start to finish, utilizing innovative computer-controlled washers and dryers. It is technologically advanced, yet easy to use, allowing users to create custom cycles, including dry-to-dry and multi-weight loading options.

## LOWER COST OF INVESTMENT THAN A TRADITIONAL CLEANING SYSTEM

There are many factors that reduce Harmony Cleaning System's cost to about one third of the cost of a traditional dry cleaning system.

The Harmony Cleaning System drastically lowers electrical usage. For example, a 60lb machine uses only 15 amps versus the same sized Hydrocarbon machine that uses 60amps.

Since there is no refrigeration unit in the Harmony Cleaning System, it does not require chilled or city water.

Additionally, there is no cost of disposing waste sludge.

The Harmony Cleaning System requires virtually no maintenance compared to a traditional dry cleaning system.

There is no solvent to purchase for the Harmony Cleaning System.



# ***DESIGNED TO CLEAN GARMENTS BETTER THAN ANY OTHER CLEANING SYSTEM***

The Harmony Cleaning System's equipment, detergent and spotters have been carefully designed to clean garments better than any other professional cleaning system on the market. The combination of innovative technology and chemistry eliminates the problems associated with other cleaning systems, resulting in no deformation, compression, fading or shrinkage.

The Harmony Cleaning System also treats delicate laundry, including wool, cashmere, silk, rayon, leather, and linen.

The Harmony Cleaning System also processes high soil levels and strong odors more effectively than traditional dry cleaning methods resulting in successful stain removal and a noticeably cleaner, brighter and fresher finished product.

## ***MAXIMIZING EFFICIENCY SAVING TIME, LABOR & SPACE***

The Harmony Cleaning System is designed to maximize efficiency, which saves time, labor and space. Its normal wash times run approximately 14 minutes and its water usage for a full load can be as low as 64.8 gallons for the WUD161S (60 lb. capacity) and 82 gallons for the WUO220S (80 lb. capacity).

Since the Harmony Cleaning System is designed for heavy use, it is constructed with the highest quality parts to ensure that little maintenance is ever required. This helps increase your business's efficiency and profitability.

## ***USING NATURAL BIODEGRADABLE ECO-FRIENDLY DETERGENTS***

By utilizing biodegradable laundry detergents, the Harmony Cleaning System is eco-friendly, avoiding chemicals used in the dry cleaning process such as Perc, Hydrocarbons or K4. All cleaning solutions used in the Harmony Cleaning System - MAESTRO One-Shot Detergent, TEMPO Pre-Treatment and Allegro Spotter - are made from natural ingredients.

The system's biodegradable detergents produce non-hazardous waste that can be disposed of through a normal drain.

The system's automated cycles allow its unique cleaning solution to mix with water prior to adding water, so garments are never exposed to harsh untreated water. Additionally, camellia oil coats fabric surfaces to protect them during the entire cleaning process.

# HARMONY CLEANING SYSTEM

MODELS	WUD161S		WUD220S		VUC1021	
	WASHER / DRYER COMBO		WASHER / DRYER COMBO		DRYING CABINET	
Capacity	60 lbs	27.3 kg	80 lbs	36.36 kg	10-15 Garments	
Dry-to-Dry Capacity	30 lbs	11 kg	40 lbs	14.97 kg	-	
Drum Diameter	30.0"	762 mm	35.0"	890 mm	-	
Drum Depth	23.6"	600 mm	22.3"	566 mm	-	
Drum Volume	9.65 cu. ft.	273 L	12.41 cu. ft.	353 L	-	
Machine Height	76.6"	1945 mm	79.7"	2023 mm	85"	2159 mm
Machine Width	40.1"	1017 mm	45.4"	1153 mm	35.7"	906 mm
Machine Depth	55"	1396 mm	56.2"	1425 mm	40.9"	1038 mm
Machine Weight (Empty)	2545 lbs	1154 kg	3070 lbs	1393 kg	478 lbs	215 kg
Shipping Height (Approx.)	81.9"	2080 mm	85.5"	2178 mm	90"	2286 mm
Shipping Width (Approx.)	40.6"	1030 mm	49.7"	1237 mm	40.6"	1031 mm
Shipping Depth (Approx.)	60.6"	1540 mm	63.4"	1610 mm	50"	1270 mm
Shipping Weight (Approx.)	2666 lbs	1209 kg	3191 lbs	1447 kg	599 lbs	272 kg
Washing Speed	20-50 rpm		20-50rpm		-	
Extraction Speed	100-880 rpm	330 g-force (max)	100-800 rpm	330 g-force (max)	-	
Electrical Phase	3-Phase		3-Phase		3-phase	
Voltage	200-230 V		200-230 V		200-230 V	
Frequency	60 Hz		60 Hz		60 Hz	
Full Load Current	17 A		20 A		4 A	
Minimum Supply-Circuit Conductor Ampacity	30 A		30 A		10 A	
Maximum Rating of Supply Circuit Overcurrent Protective Device	30 A		30 A		10 A	
Motor Size - Drum	5.0 HP	3.7 kw	7.5 HP		-	
Motor Size - Fan	1 HP	0.75 kw	1 HP		1.5 HP	
Washer Heating System	Hot Water & Steam		Hot Water & Steam		-	
Heating Steam - Supply Port	1/2 NPT		1/2 NPT		-	
Heating Steam - Drain Port	3/8 NPT		3/8 NPT		-	
Heating Steam - Pressure	72.5-101.5 psi	0.5-0.7 MPa 5-7 bar	72.5-101.5 psi	0.5-0.7 MPa 5-7 bar	-	
Dryer Heating System	Steam		Steam		Steam	
Dryer Steam - Supply Port	1/2 NPT		1/2 NPT		1/2 NPT	
Dryer Steam - Drain Port	1/2 NPT		1/2 NPT		1/2 NPT	
Dryer Steam - Pressure	72.5-101.5 psi	0.5-0.7 MPa 5-7 bar	72.5-101.5 psi	0.5-0.7 MPa 5-7 bar	58-87 psi	0.4-0.6 Mpa 4-6 bar
Duct Diameter	8"	200 mm	8"	200 mm	7.87"	200 mm
Steam Consumption	55.0 lb/H	25 kg/H	88.2 lb/H	40 kg/H	89 lb/H	40 kg/H
Hot/Cold Water Supply	1 NPT		1 NPT		-	
Water Pressure	14.5-43.5 psi	0.1-0.3 MPa 1-3 bar	14.5-43.5 psi	0.1-0.3 MPa 1-3 bar	-	
Drain Valve	3 NPT		3 NPT		-	

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Commercial Laundry Equipment



Cell 256-312-2748 Office 256-485-1259  
dennis.harker33@gmail.com  
laundryman.com

mailing: 3085 Bridgepoint Rd Southside, AL 35907  
showroom: 5182 Green Valley Rd Southside AL 35907