

16-17



SERIES: ES, SS & SL
STATIONARY/PORTABLE PRESSURE WASHERS

AaLadin

CLEANING SYSTEMS

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ES Model



SL Model w/ Four Wheel Kit (Intended for Transport Only)

< 16 Series - ES, SS & SL Models

ES Model Standard Features:

- * 115 Volt 1 Phase (16-310 ES)
- * 230 Volt 1 Phase (16-325ES/16-423ES/16-430 ES/16-525 ES)
- * Heavy Duty Tubular Steel Frame
- * Durable Hi-Gloss Powder Coated Paint
- * Ground Spacing Legs with Foot Pads
- * Painted Combustion Chamber Wrapper
- * Fuel Efficient Combustion Chamber
- * Standing Pilot
- * Quick Coil Access
- * Exclusive Chamber Insulation System
- * Heating Coil Constructed of ASTM A53 Schedule 80 Steel Pipe
- * Heavy Duty Electro Plated Fittings
- * High Limit Temperature Control
- * Pressure Relief Valve
- * Belt Driven Pump
- * Industrial Strength Electric Motors
- * Insulated Wand with 4000 PSI Trigger Gun
- * Trigger Gun Control
- * 0° and 15° Quick Coupled Stainless Steel Nozzles
- * 3/8" x 50' High Pressure Hose Assembly with Safety Hose Guards
- * Wire Braid Discharge Hose
- * Low Water Shut-Off Protection
- * Watertight Electrical Panel
- * Draft Diverter

Options for ES Models:

- * Four Wheel Kit (K16-0001)
- * Propane Tank Bracket (K16-0002)

MODEL	16-310	16-325	16-423	16-423	16-423	16-430
AVAILABILITY	ES	ES	ES-SS-SL	SL	SL	ES-SS-SL
FLOW OUTPUT (GPM)	3	3	4	4	4	4
PRESSURE RATINGS (PSI)	1000	2500	2300	2300	2300	3000
MAX OUTPUT TEMPERATURE	210°	210°	210°	210°	210°	210°
CLEANING COMPARISON INDEX (1)	8960	12672	18119	18119	18119	20693
MOTOR HORSEPOWER	2.3	5	6	6	6	8
ELECTRICAL REQUIREMENTS						
VOLT	115	230	230	230	440	230
AMP	20	20	30	20	15	40
PHASE	1	1	1	3	3	1
GAS FIRED BURNER SYSTEM						
INPUT BTU'S - LP	256,000	256,000	332,000	332,000	332,000	332,000
INPUT BTU'S - NG	320,000	320,000	415,000	415,000	415,000	415,000
FUEL CONSUMPTION (GPH) (2)	9.52	9.52	12.35	12.35	12.35	12.35
LP TANK MINIMUM SIZE	100#	100#	100#	100#	100#	100#
STACK SIZE	8"	8"	10"	10"	10"	10"
DISCHARGE HOSE	3/8" x 50'	3/8" x 50'	3/8" x 50'	3/8" x 50'	3/8" x 50'	3/8" x 50'
DIMENSIONS						
LENGTH	39"	39"	39"	39"	39"	39"
WIDTH	26"	26"	26"	26"	26"	26"
HEIGHT	46"	46"	46"	46"	46"	46"
APPROXIMATE WEIGHT (LBS)	430	445	630	630	630	650

(1) Cleaning Comparison Index - This index is used in the comparison of pressure washing equipment by taking into account the cleaning effects of water pressure, flow, and temperature on cleaning time.

The larger the cleaning comparison index, the faster the pressure washer will clean. The formula is $GPM \times 60 \times \sqrt{PST} \times [1 + (TEMP - 32^\circ) / 310]$.

(2) Fuel Consumption considers an operating duty cycle of 60%.



SS Model



SL Model

< 16 Series - SS & SL Models

SS Model Standard Features:

Includes All Features of ES Plus:

- * 230 Volt 1 Phase
- * Stainless Steel Combustion Chamber Wrapper
- * Adjustable Temperature Control
- * Corrosion Proof Polyethylene Float Tank With Chemical Metering
- * High Pressure Soap
- * Calibrated Detergent Mixing Valve
- * ETL Listed

SL Model Standard Features:

Includes All Features of SS Plus:

- * Time Delay Shutdown
- * Hour Meter
- * 0°, 15°, 25° and 40° Quick Coupled Stainless Steel Nozzles

Options for SS & SL Models:

- * Electronic Ignition
- * Four Wheel Kit (K16-0001)
- * Propane Tank Bracket (K16-0002)

Note: When Four Wheel Kit is added for portability this model is no longer ETL Listed.

16-430	16-430	16-525	16-525	16-525	16-530	16-625
SL	SL	ES-SS-SL	SL	SL	SL	SL
4	4	5	5	5	5	6
3000	3000	2500	2500	2500	3000	2500
210°	210°	210°	210°	210°	210°	160°
20693	20693	22613	22613	22613	25867	28335
7.5	7.5	8	7.5	7.5	10	10
230	440	230	230	440	230	230
25	15	40	25	15	50	50
3	3	1	3	3	1	1
332,000	332,000	352,000	352,000	352,000	352,000	352,000
415,000	415,000	440,000	440,000	440,000	440,000	440,000
12.35	12.35	13.09	13.09	13.09	13.09	13.09
100#	100#	100#	100#	100#	100#	100#
10"	10"	10"	10"	10"	10"	10"
3/8" x 50'	3/8" x 50'	3/8" x 50'	3/8" x 50'	3/8" x 50'	3/8" x 50'	3/8" x 50'
39"	39"	39"	39"	39"	39"	39"
26"	26"	26"	26"	26"	26"	26"
46"	46"	46"	46"	46"	46"	46"
650	650	670	670	670	720	720

MODEL	17-416	17-423	17-423	17-423	17-430	17-430	17-430
AVAILABILITY	SL	SL	SL	SL	SL	SL	SL
FLOW OUTPUT (GPM)	4	4	4	4	4	4	4
PRESSURE RATING (PSI)	1600	2300	2300	2300	3000	3000	3000
MAXIMUM OUTPUT TEMPERATURE	210	210	210	210	210	210	210
CLEANING COMPARISON INDEX (1)	15,112	18,118	18,118	18,118	20,693	20,693	20,693
MOTOR HORSEPOWER	4	6	6	6	8	7.5	7.5
ELECTRICAL REQUIREMENTS							
VOLT	230	230	230	440	230	230	440
AMP	20	30	20	15	40	25	15
PHASE	1	1	3	3	1	3	3
GAS FIRED BURNER SYSTEM							
INPUT BTU'S -LP	332,000	332,000	332,000	332,000	332,000	332,000	332,000
INPUT BTU'S -NG	415,000	415,000	415,000	415,000	415,000	415,000	415,000
FUEL CONSUMPTION LP (LBH) (2)	12.35	12.35	12.35	12.35	12.35	12.35	12.35
LP TANK MINIMUM SIZE	100#	100#	100#	100#	100#	100#	100#
STACK SIZE	10"	10"	10"	10"	10"	10"	10"
DISCHARGE HOSE	3/8" x 50'	3/8" x 50'	3/8" x 50'	3/8" x 50'	3/8" x 50'	3/8" x 50'	3/8" x 50'
DIMENSIONS							
LENGTH	45"	45"	45"	45"	45"	45"	45"
WIDTH	26"	26"	26"	26"	26"	26"	26"
HEIGHT	47"	47"	47"	47"	47"	47"	47"
APPROXIMATE WEIGHT (LBS)	620	650	650	650	670	670	670

(1) Cleaning Comparison Index - This index is used in the comparison of pressure washing equipment by taking into account the cleaning effects of water pressure, flow, and temperature on cleaning time.

The larger the cleaning comparison index, the faster the pressure washer will clean. The formula is $GPM \times 60 \times \sqrt{PSI} \times [1 + (TEMP - 32^\circ) / 310]$.

(2) Fuel Consumption considers an operating duty cycle of 60%.



SL Model

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Part No. 26-609053
04/07

< 17 Series - SL Model

SL Model Standard Features:

- * 230 Volt 1 Phase
- * Heavy Duty Modular Formed Steel Frame
- * Easy Access Pump Module Hood
- * Durable Hi-Gloss Powder Coated Paint
- * Ground Spacing Legs
- * Stainless Steel Combustion Chamber Wrapper
- * Fuel Efficient Combustion Chamber
- * Standing Pilot
- * Quick Coil Access
- * Exclusive Chamber Insulation System
- * Heating Coil Constructed of ASTM A53 Schedule 80 Steel Pipe
- * Heavy Duty Electro Plated Fittings
- * Adjustable Temperature Control
- * Pressure Relief Valve
- * Belt Driven Pump
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- * 3/8" x 50' High Pressure Hose Assembly with Safety Hose Guards
- * Wire Braid Discharge Hose
- * Corrosion Proof Polyethylene Float Tank With Chemical Metering
- * High Pressure Soap
- * Low Water Shut-Off Protection
- * Watertight Electrical Panel
- * Calibrated Detergent Metering Valve
- * Draft Diverter
- * ETL Listed
- * Time Delay Shutdown
- * Hour Meter
- * 25" and 40" Quick Coupled Stainless Steel Nozzles

Options for SL Model:

- * Electronic Ignition
- * 2-Way Remote (Limit of One Remote)