



# GAS-FIRED HIGH-PRESSURE CLEANING SYSTEMS



ES620G40A - 6 gpm at 2000 psi (395,000 BTUH input)  
with optional ARS auto re-light system and SRA surge relief assembly



ES12182G40A - 12 gpm at 1800 psi (790,000 BTUH input)  
with optional CAT pump and SRA surge relief assembly

### FEATURES:

- CSA approved for use with Class B exhaust vent
- Belt-driven, oil bath plunger pump with thermo-probe protection and multi-gun pressure regulating valve
- Trigger gun activated, flow switch controlled auto start/stop system with solid state time delay shutdown
- Ideal centralized systems for multi-user applications
- Modulating gas thermostat control ensures steady temperature output up to 200°F
- 395,000 BTUH input rated heater with adjustable temperature controller and factory-set safety relief valve
- 3/4 in. schedule 80 heating coil with stainless steel wrap and 10 in. draft diverter
- **Automatic Electronic Pilot Ignition (sparks to ignite gas when heater is activated)**

### MODEL PERFORMANCE/DESIGN DATA 60HZ (Avail 230v-575v/2gpm-12gpm/750psi-7000psi/50Hz & 60Hz)

MODEL NO.	Flow GPM	Pressure PSIG	Motor H.P.	Full ~230V/1 PH	Load ~208V/3 PH	Current ~480V/3 PH	(Amps) ~575V/3 PH	Dimensions L" x W" x H"	Weight LBS.
ES411G40AEI	4	1100	3	17	9.8	4.4	3.5	45/38/52	630
ES420G40AEI	4	1900	5	22	14.6	6.6	5.3	45/38/52	640
ES429G40AEI	4	2900	7.5	33	22.5	10.2	8.2	45/38/52	660
ES543G40AEI	5.4	3000	10	--	29	13.1	10.5	45/38/52	670
ES562G40AEI	5.6	2000	7.5	33	22.5	10.2	8.2	45/38/52	660
ES612G40AEI	6	1200	5	22	14.6	6.6	5.3	45/38/52	640
ES620G40AEI	6	2000	7.5	33	22.5	10.2	8.2	45/38/52	675
ES812G40AEI*	8	1200	7.5	33	22.5	10.2	8.2	45/38/52	675
ES820G40AEI*	8	2000	10	--	29	13.1	10.5	45/38/52	685
ES830G40AEI*	8	3000	15	--	40	18.1	14.5	45/38/52	700
ES1030G40AEI*	10	3000	20	--	55.2	24	20	45/38/52	880

\* includes (2) 40 in. single lance gun assemblies, (2) 50 ft. x 3/8 in. high-pressure wash hoses

### STANDARD EQUIPMENT:

<ul style="list-style-type: none"> <li>• Belt-driven General ceramic plunger pump with thermal protection, adjustable pressure regulator and liquid-filled pressure gauge</li> <li>• Dual or single lance/gun(s) with 50 ft. x 3/8 in. high-pressure wash hose(s)</li> </ul>	<ul style="list-style-type: none"> <li>• Modulating gas valve with adjustable temperature controller</li> <li>• Large-capacity 3/4 in. I.D. schedule 80 heating coil with stainless steel wrap, draft diverter and safety relief valve</li> <li>• Low-pressure (downstream) or high-pressure (upstream) chemical injection</li> </ul>
--	---

### COMMON FACTORY-ADDED OPTIONS:

SRA	Surge Relief Assembly (for installation on water supply line when backflow preventer or check valve present)
LWPP	Low Inlet Water Pressure Protection with illuminated reset button
ETM	Hour Meter
CLS	Cleaning Station assembly with 1/2" ball valve and hose quick connect
CS-1	Chemical Injection Station with adjustable chemical injector, wash/rinse control valve and swivel connection
2G40	Additional G40 heater with extended frame for a total BTUH input of 790,000

