



STATIONARY COLD WATER HIGH-PRESSURE CLEANING SYSTEMS



ES210EA – 2.1 gpm at 1000 psig



ES420EA – 4 gpm at 1900 psig



ES950ES – 9 gpm at 5000 psig
with optional Cat plunger pump and structural steel mounting base

STANDARD EQUIPMENT:

<ul style="list-style-type: none"> Belt-driven General ceramic plunger pump with adjustable pressure regulator, pilot-activated flow switch and thermal protection shutdown 	<ul style="list-style-type: none"> NEMA 12 control box with NEMA 4X “MANUAL/OFF/AUTO” selector switch, motor starter/overload relay, control circuit transformer (primary to 24 VAC),
<ul style="list-style-type: none"> Powder coat painted heavy-gauge carbon steel base with pump cover and rubber isolation mounts Powder coat painted heater wraps and pump covers 	<ul style="list-style-type: none"> Dual or single lance/gun(s) with 50 ft. high-pressure wash hose(s) and low-pressure (downstream) or high-pressure (upstream) chemical injection

ALL EA-SERIES MODELS FEATURE TRIGGER GUN ACTIVATED AUTO START/STOP CONTROL SYSTEM WITH SOLID-STATE TIME DELAY SHUTDOWN

MODEL NO.	Flow GPM	Pressure PSIG	Motor H.P.	Voltage		Full Load Amps		Dimensions L" x W" x H"
				~1 PHASE	~3 PHASE	~1 PHASE	~3 PHASE	
ES210EA	2.1	1000	1.5	110	--	12.1	--	24/12/14
ES315EA	3	1500	3	230	--	17	--	24/12/14
ES411EA	4	1100	3	230	208/575/480	17	9.8/3/4.4	30/20/16
ES420EA	4	1900	5	230	208/575/480	22	14.6/5/6.6	30/20/16
ES429EA	4	2900	7.5	230	208/575/480	33	22.5/7.5/9.8	30/20/16
ES440EA	4	4000	10	--	208/575/480	--	29/10/12.5	30/20/16
EES543EA	5.4	3000	10	--	208/575/480	--	29/10/12.5	30/20/16
ES562EA	5.6	2000	7.5	230	208/575/480	33	22.5/7.5/9.8	30/20/16
ES612EA	6	1200	5	230	208/575/480	22	14.6/5/6.6	30/20/16
ES620EA	6	2000	7.5	230	208/575/480	33	22.5/7.5/9.8	30/20/16
ES812EA*	8	1200	7.5	230	208/575/480	33	22.5/7.5/9.8	30/20/16
ES820EA*	8	1900	10	--	208/575/480	--	29/10/12.5	30/20/16
ES830EA*	8	2900	15	--	208/575/480	--	40/14.5/18.1	38/28/19
ES1030EA*	10	2900	20	--	208/575/480	--	59.3/25.7/26.0	38/28/19

*INCLUDES 2 SINGLE LANCE GUN ASSY'S AND 2 HIGH PRESSURE WASH HOSES FOR MULTI-GUN OPERATION

COMMON FACTORY-ADDED

3SS	#316 Stainless Steel pump cover
3ELV-SS	#316 Stainless Steel Louvered pump end covers
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	Large-faced Elapsed Time Meter – analog
SA	Nitrogen charged pump pulsation surge arrestor
CLS	Cleaning Station assembly with high-pressure shutoff valve and hose quick connect
CS-1	Chemical Injection Station with adjustable chemical injector, wash/rinse control valve and swivel connection
CS1-SSB	Chemical injection Station (as above) housed in lockable stainless steel panel box
VFOS	Variable Frequency Operating System-custom designed variable frequency drive for multi-gun systems
CUSTOM	Custom designed systems up to 200 gpm and up to 7000 psi available

