

Municipal Snozzle Standard Feature and Option Matrix

COMPONENT	P-50	P50-IND	HS-1	HS-2	NOTES
Construction Features					
50 ft. Boom	STD	STD	N/A	N/A	
65 ft. Boom	N/A	N/A	STD	OPT	
65 ft. Boom w/12" Extension	N/A	N/A	OPT	STD	The 12" boom extension provides additional clearance for the base nozzle on raised roof cabs.
360 Degree Rotation	STD	N/A	STD	STD	
270 Degree Rotation	N/A	STD	N/A	N/A	Eliminates the collector ring and allows for auxiliary agent (such as dry chemical) to be piped to the nozzle.
Elkhart Nozzle Casting	STD	STD	STD	N/A	Single nozzle configuration.
Unifire Turrets	N/A	N/A	N/A	STD	Dual nozzle configuration.
Controls					
TOK-8 Parker Controls	N/A	N/A	N/A	N/A	Provides clash point protection and soft stop for end of stroke on hydraulic cylinders.
MC-2 Parker Controls	STD	OPT	STD	STD	Provides clash point protection and soft stop for end of stroke on hydraulic cylinders.
Radio Remote Controls	STD	STD	STD	STD	3-joystick version used on all models except HS-2 which has a 4-joystick controller.
Power Tether	OPT	OPT	OPT	OPT	Provides plug-in power source for radio remote control. Note that standard battery life is 500 hours.
Shoulder Strap	OPT	OPT	OPT	OPT	
L.H. Outrigger Control Panel	OPT	OPT	OPT	OPT	Separate control switch for L.H. outrigger in addition to the pump panel master control and R.H. outrigger control
Color					
White	STD	STD	STD	STD	Dupont Imron Industrial White 6909
Other	OPT	OPT	OPT	OPT	If other than standard white, customer must specify color, paint manufacturer and paint code 120 days prior to
Re-Paint	OPT	OPT	OPT	OPT	If a color change is made less than 90-120 days prior to delivery, a re-paint charge applies.
Sign Plate	OPT		OPT	OPT	Flat plate attached to waterline to provide a smooth surface for customer lettering or graphics - the opposite side of the boom is flat.
Lighting - Tip Turret					
L.E.D. (Dual)	STD	STD	STD	STD	Current requirements = 2.2 Amps
HID (Single)	OPT	OPT	OPT	OPT	Current requirements = 11 Amps (Start-up) 4 Amps continuous.
Collins Spot/Flood (Dual)	OPT	OPT	OPT	OPT	Current requirements = 8.4 Amps (Flood), 15.6 Amps (Spot)
Lighting - Base Turret					
L.E.D. (Dual)	N/A	N/A	N/A	OPT	Current requirements = 2.2 Amps
HID (Single)	N/A	N/A	N/A	STD	Current requirements = 11 Amps (Start-up) 4 Amps continuous.
Collins Spot/Flood (Dual)	N/A	N/A	N/A	OPT	Current requirements = 8.4 Amps (Flood), 15.6 Amps (Spot)
Tip Strobe Light					
Red	OPT		OPT	OPT	Not required by NFPA 1901
Blue, Amber or Clear	OPT		OPT	OPT	Not required by NFPA 1901
Knuckle Strobe Light					
Red	STD	STD	STD	STD	Meets NFPA 1901 requirements.
Blue, Amber or Clear	OPT	OPT	OPT	OPT	
Reflective Striping	OPT	OPT	OPT	OPT	Chevron safety striping on knuckle
Tracking Lights					
L.E.D. (Dual)	STD	STD	STD	STD	Meets NFPA 1901 requirements, illuminating the upper boom.
Tip Nozzles					
Akron Akromatic - 250/750 gpm Round Pattern	N/A	N/A	N/A	STD	Maximum flow approximately 600 gpm due to piping restrictions.
Akron Fire Fox - 500 gpm Round Pattern	N/A	N/A	N/A	OPT	Fixed gallonage flow
Unifire 500 gpm	N/A	N/A	N/A	OPT	Fixed gallonage flow, proportional pattern adjustment
Akron 250/ 1000 gpm - Round Pattern	STD	STD	STD	N/A	The 1000 gpm limit allows the nozzle to rotate 180 degrees horizontally.
Akron 250/1250 gpm - Round Pattern	OPT	OPT	OPT	N/A	The 1250 gpm nozzle restricts horizontal nozzle rotation to 90 degrees.
Akron Saber Jet CAFS - fixed flow	OPT	OPT	OPT	N/A	The Akron Saber Jet allows a straight bore tip for CAFS. However, it is not an automatic nozzle. You must specify the desired flow (1000 or 1250 gpm) and straight tip size (2" or 1.5")
Elkhart 250/1250 gpm	OPT	OPT	OPT	N/A	The 1250 gpm nozzle restricts horizontal nozzle rotation to 90 degrees.

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TFT 250/1250 gpm	OPT	OPT	OPT	N/A	The 1250 gpm nozzle restricts horizontal nozzle rotation to 90 degrees.
Hydro-Chem 500/1000 gpm	N/A	OPT	N/A	N/A	Included with dry chemical system option.
Hydro-Chem 625/1250 gpm	N/A	OPT	N/A	N/A	Included with dry chemical system option. The 1250 gpm nozzle restricts horizontal nozzle rotation to 90 degrees.
Hydro-Chem 750/1500 gpm	N/A	OPT	N/A	N/A	Included with dry chemical system option. The 1500 gpm nozzle has only 30 degrees of nozzle rotation, horizontal nozzle movement may require boom rotation. Includes 3" x 2.5" nozzle inlet adaptor.
Auto-Level	OPT	OPT	OPT	STD	When activated, keeps nozzle parallel to the ground as boom is moved up or down.
Base Nozzles					
Akron 250/ 1000 gpm - Round Pattern	N/A	N/A	N/A	STD	The 1000 gpm limit allows the nozzle to rotate 180 degrees horizontally.
Akron 250/ 1000 gpm - Flat Pattern	N/A	N/A	N/A	OPT	The flat spray pattern has less interference with the extended boom.
Akron 250/1250 gpm - Round Pattern	N/A	N/A	N/A	OPT	
Akron 250/1250 gpm Flat Pattern	N/A	N/A	N/A	OPT	The flat spray pattern has less interference with the extended boom.
Elkhart 250/1250 gpm	N/A	N/A	N/A	OPT	
TFT 250/1250 gpm	N/A	N/A	N/A	OPT	
Akron Saber Jet CAFS - fixed flow	N/A	N/A	N/A	N/A	The Akron Saber Jet allows a straight bore tip for CAFS. However, it is not an automatic nozzle. You must specify the desired flow (1000 or 1250 gpm) and straight tip size (2" or 1.5")
Auto-Level	N/A	N/A	N/A	OPT	When activated, keeps nozzle parallel to the ground as boom is moved up or down.
Piercing Nozzle Option					
Attached to Nozzle, AWG 3-way Valve	OPT	OPT	OPT	N/A	Piercing nozzle moves vertically with volume nozzle. Has clutch mechanism to prevent nozzle damage.
Attached to Boom with Rotary Actuator and 2" 3-way Valve	N/A	N/A	N/A	OPT	Piercing nozzle must be "activated" to rotate into position.
12" Tube Extension	OPT	OPT	OPT	OPT	Extension is 1.5" NST thread and is removable.
Halotron System Option					
With Reel	N/A	OPT	N/A	N/A	Piped to piercing nozzle with hose and rollers.
Dry Chemical Plus Halotron Option					
Dry Chemical on Hose Reel, Halotron on Telescoping Line	N/A	OPT	N/A	N/A	For use when both Halotron and Dry Chemical systems are specified. Halotron piped to piercing nozzle.
Dry Chemical System Option					
With Reel	N/A	OPT	N/A	N/A	Piped to tip Hydro-Chem nozzle with hose and rollers.
Miscellaneous Options					
Waterline Insulation	OPT	OPT	OPT	OPT	Waterline insulation
24-volt Converter	OPT	OPT	OPT	OPT	Includes 24-volt E.P.U.
Flow Meter	OPT	OPT	OPT	OPT	
Relief Valve	OPT	OPT	OPT	OPT	Pre-set relief valve for installation in OEM plumbing
Camera System and DVR Option					
2-Channel DVR	OPT	OPT	OPT	OPT	Cameras are wired through DVR to record when camera is on. DVR is not weatherproof.
Fixed Lens Color Camera	OPT	OPT	OPT	OPT	Select either Fixed lens or Zoom lens color camera - not both.
Zoom Lens Color Camera	OPT	OPT	OPT	OPT	Select either Fixed lens or Zoom lens color camera - not both. Zoom control head must connect to DVR.
Color F.L.I.R. Camera	OPT	OPT	OPT	OPT	
Video Monitor Options					
Var Tech 10.4"	OPT	OPT	OPT	OPT	Weatherproof and shock resistant for mounting at pump panel.
Boland 10.4"	OPT		OPT	OPT	Not weatherproof, must be mounted in weatherproof compartment or enclosure. Wide view angle.
Pedestal Options					
Standard Pedestal, Built to OEM Requirements	STD	STD	STD	STD	Drawings must be approved 30 days prior to delivery.
Delete Pedestal	OPT	OPT	OPT	OPT	Alternate design requires Crash Rescue engineering approval.
Remote Mount Hydraulic Reservoir					
ROS P/N 18566	OPT	OPT	OPT	OPT	Flat mount, EPU on top of reservoir w/quick disconnect hydraulic hoses.
ZIG P/N 19459	OPT	OPT	OPT	OPT	Flat mount, EPU mounted on pedestal.

