

# AutoJet® FDS30100 Fluid Delivery System

Easy-to-Use, Portable Pump System

## Features and Benefits

- System integrates all components – pump, motor and control
- Easy operation – Variable Frequency Drive (VFD) eliminates the need for control valves to throttle flow. Discharge pressure quickly set via touch pad
- Saves energy – VFD automatically adjusts speed to maintain pressure. Operating at lower speeds results in energy savings
- Use with a wide range of tank cleaning nozzles
- Quick delivery – system ships within days



VFD touch pad

**AutoJet**  
TECHNOLOGIES  
From *Spraying Systems Co.*

## Specifications

<b>Pressure range:</b>	20 to 100 psi (1.4 to 6.9 bar)
<b>Flow rate range:</b>	15 to 60 gpm (57 to 227 l/min)
<b>Pump and motor:</b>	Two-stage centrifugal pump; 5 Hp motor TEFC/IP55
<b>Variable Frequency Drive:</b>	NEMA 4X/IP65 rated power switch
<b>Materials:</b>	Stainless steel pump, accessories and pipes. Carbon/ceramic mechanical seal and EPDM O-rings. Powder-coated steel cart
<b>Inlet conn.:</b>	1-1/2" NPT (F) with shut-off valve and swivel union
<b>Outlet conn.:</b>	1-1/4" NPT (F) with swivel union
<b>Maximum temperature:</b>	Water* 160°F (71°C); Ambient 95°F (35°C)
<b>Power:</b>	230VAC/60Hz/3Ph/18.6A
<b>Environmental rating:</b>	Non-hazardous locations only
<b>Dimensions:</b>	56" L x 24" W x 38" H (1.4 m L x 0.6 m W x 1 m H)
<b>Weight:</b>	255 lbs. (116 kg)

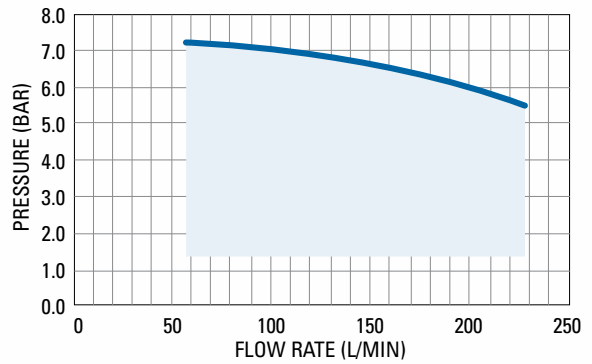
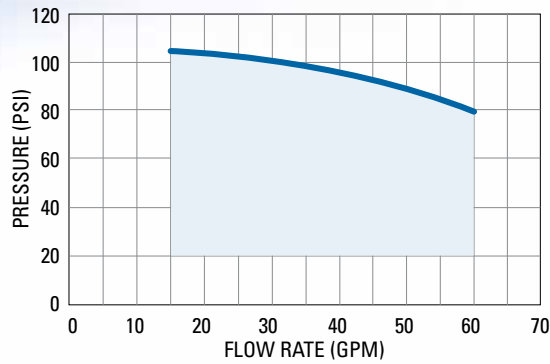


Pump rated at 30 gpm at 100 psi (114 l/min at 6.9 bar)

\*Water from city or above ground supply tank. The FDS30100 can be used with liquids other than water. Contact your local sales engineer for assistance.

## Performance Data

**System Flow and Pressure Operating Range**



## Tank Cleaning Nozzles Commonly Used with AutoJet FDS30100

Any nozzle or combination of nozzles can be used if total flow and operating pressure are within range of pump.

TankJet® Tank Cleaning Nozzles	Capacity	Pressure Range psi (bar)	Flow Rate Range gpm (l/min)
27500, 28500	18, 23, 32, 33, 46, 50	20 to 50 (1.4 to 3.4)	16 to 56 (59 to 212)
18250A, 21400A	18, 21, 45	20 to 60 (1.4 to 4.1)	15 to 55 (56 to 208)
D26984, D40159, D41800E	13.6	50 to 100 (3.4 to 6.9)	15 to 21 (57 to 79)
6353, 6353-MFP	10, 14, 22	20 to 50 (1.4 to 3.4)	18 to 60 (68 to 227)
63225E	22, 32	20 to 30 (1.4 to 2.1)	27 to 45 (102 to 170)
VSM	90, 140, 190	20 to 100 (1.4 to 6.9)	18 to 53 (67 to 201)
3150	21	60 to 100 (4.1 to 6.9)	16 to 21 (61 to 79)