



**Olson Mfg, LLC**  
**d/b/a V-RAM Pumps**

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**V-RAM V-SHAPED CHAMBER PUMPING CAPACITY**

Pump Module	Cylinder Sizes	Maximum Pressure	Maximum LBS/HR	Typical LBS/HR	Discharge size
9-FF	2 1/2	679 PSI	6,600	5,000	6"
9-UF	2 1/2	679 PSI	6,600	5,000	6"
11-FF	2 1/2 - 4	1,163 PSI	26,000	10,000	8"
11-UF	2 1/2 - 4	1,163 PSI	12,500	7,000	8"
16-FF	2 1/2 - 5	860 PSI	52,000	30,000	10"
16-UF	2 1/2 - 5	860 PSI	27,000	20,000	10"
20-FF	3 - 6	792 PSI	70,000	40,000	12"
20-UF	3 - 6	792 PSI	49,400	30,000	12"
24-FF	3 - 7	750 PSI	142,000	62,000	16"
24-UF	3 - 7	750 PSI	71,000	50,000	16"
30-FF	4 - 10	970 PSI	251,000	112,000	20"
30-UF	4 - 10	970 PSI	119,000	75,000	20"

**THIS IS GUIDELINE INFORMATION ONLY!**

Actual pressure and volume is based on material, pipe pressure and configuration.

Consult Manufacturer for exact system configuration and details.

Maximum volume and pressure cannot be achieved at the same time.

Cylinder sizes up to 10" Dia.

Horsepower up to 500 HP

Hydraulic flow rates up to 400 GPM

Maximum pumping pressures up to 1,163 PSI

Double pumping modules are used in many places.

Double the capacity above for a double pumping module.

ALL MAXIMUM VOLUMES ARE BASE ON 18 CYCLES PER MINUTE.