



# Series 412 - 75:1 - 9.7 lb/min

**Series 312 industrial air-operated double-acting pumps** suitable for transferring very high viscosity grease up to NLGI 3. The double-action guarantees the delivery of a continuous and constant flow. Particularly effective in systems equipped with multiple distribution points.



**P/N 90F/451-55**

**P/N 90FSP/451-55**

**P/N 91F/451-55**

**P/N 92F/451-55**

Type of seals	polyurethane
Suction tube upper body	carbon steel
Suction tube	carbon steel
Air inlet connection	1/2" NPT (f)
Fluid outlet connection	1/2" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Max. deliverable grease viscosity*	NLGI 3
Cycles per lb	20
Max. air consumption 120 psi	63 cfm
Suction tube length	19.7"
Suction tube external diameter	1.77"
Type of installations	tank
Packaging - Weight	No. 1 1.58 ft <sup>3</sup> lb 35

Type of seals	polyurethane
Suction tube upper body	carbon steel
Suction tube	carbon steel
Air inlet connection	1/2" NPT (f)
Fluid outlet connection	1/2" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Max. deliverable grease viscosity*	NLGI 3
Cycles per lb	20
Max. air consumption 120 psi	63 cfm
Suction tube length	19.7"
Suction tube external diameter	1.77"
Type of installations	pump elevator
Packaging - Weight	No. 1 1.58 ft <sup>3</sup> lb 35

Type of seals	polyurethane
Suction tube upper body	carbon steel
Suction tube	carbon steel
Air inlet connection	1/2" NPT (f)
Fluid outlet connection	1/2" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Max. deliverable grease viscosity*	NLGI 3
Cycles per lb	20
Max. air consumption 120 psi	63 cfm
Suction tube length	37"
Suction tube external diameter	1.77"
Type of installations	for drums 400 lb
Packaging - Weight	No. 1 2.47 ft <sup>3</sup> lb 42

Type of seals	polyurethane
Suction tube upper body	carbon steel
Suction tube	carbon steel
Air inlet connection	1/2" NPT (f)
Fluid outlet connection	1/2" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Max. deliverable grease viscosity*	NLGI 3
Cycles per lb	20
Max. air consumption 120 psi	63 cfm
Suction tube length	29"
Suction tube external diameter	1.77"
Type of installations	for drums 120 lb
Packaging - Weight	No. 1 2.47 ft <sup>3</sup> lb 40

\* At minimum working temperature of 59 °F

