

### 1200 Series High Volume, High Pressure Oil Pumps

RAASM 1200 series oil pumps are fitted with high volume air motors, and high ratio pump legs. These pumps are designed for applications where throughput and additional pressure are the key requirements. They are ideal for high volume transfer applications found in large workshops and industrial transfer systems with remote storage and long pipe runs.

The 1200 series includes 'F' series flange pumps with handles for demountable installations on walls, drums and intermediate bulk containers, and 'D' series separated pumps for aggressive products and environments where separation of the pump and air motor is desirable.



#### Key features:

Innovative compact design with fewer moving parts increases life and reduces maintenance.

High pressure double acting design for efficient operation and smooth continuous flow.

Self lubricating air motor components and hardened coated shafts and guides in top and bottom end reduce maintenance and failures due to lack of lubrication.

Built in air filter and oil strainer dramatically reduce pump wear due to air or oil borne dirt and contamination.

Accessories available include spear filter/foot valve for extended tank spears, standard and shock absorbing wall mounting brackets and 2" BSP drum bung adaptors. Handles supplied with 'F' series pumps and optional on 'D' series pumps.

Full range of spares and service kits available including air inlet, muffler and oil filter elements, shaft seal kit, bottom end and air motor overhaul and gasket kits. Backed by Tecalemit and RAASM 12 month warranties.

#### Technical Specifications :

Model : Flange	115F/91	115F/121	116F/121	116F/181	
Model : Separated**	115D/91	115D/121		115D/181	
Type	Stub	Stub	Drum	Stub	Drum
Compression Ratio :	9:1	12:1	12:1	18:1	18:1
Air inlet :	½" BSPF	½" BSPF	½" BSPF	½" BSPF	½" BSPF
Oil outlet :	¾" BSPF	¾" BSPF	¾" BSPF	¾" BSPF	¾" BSPF
Rec. Max air pressure :	800kpa	800kpa	800kpa	800kpa	800kpa
	116 psi	116 psi	116 psi	116 psi	116 psi
Air consumption* :	3.2 m <sup>3</sup> /min	3.2 m <sup>3</sup> /min	3.2 m <sup>3</sup> /min	3.2 m <sup>3</sup> /min	3.2 m <sup>3</sup> /min
	113 cfm	113 cfm	113 cfm	113 cfm	113 cfm
Output* :	45 LPM	30 LPM	30 LPM	23 LPM	23 LPM
Noise level :	80 dB	80 dB	80 dB	80 dB	80 dB

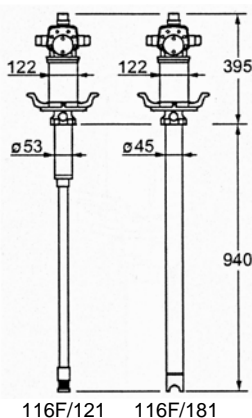
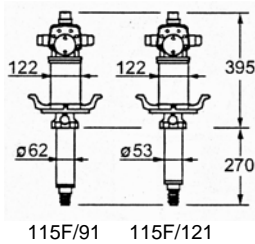
\* Air consumption and output vary with pressure, stroke rate, distance and volume. Consult the performance curve for each individual pump for details.

\*\*Separated pumps are fitted with Teflon seals, Mono-block and flange pumps with Polyurethane. Separated pumps also available in Stainless steel, refer models 95D/61 and 120D/91.

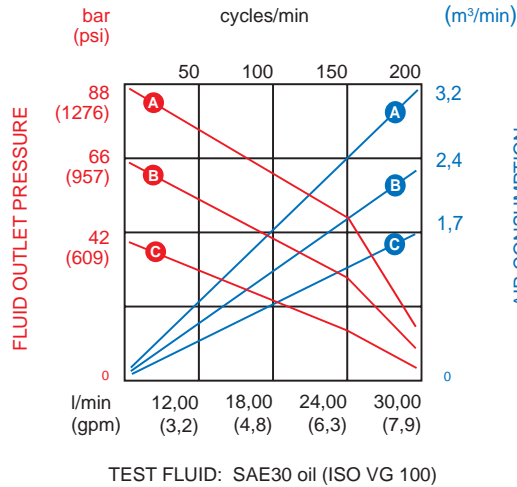
#### Spare Parts

Spare parts kits are available for all major components. An operation and maintenance manual and spare parts guide including exploded view diagram are provided with each new pump.

For additional information contact Tecalemit on Ph 1800 68 55 77, email [expertadvice@tecalemmit.com.au](mailto:expertadvice@tecalemmit.com.au), or see our website [www.tecalemit.com.au](http://www.tecalemit.com.au)



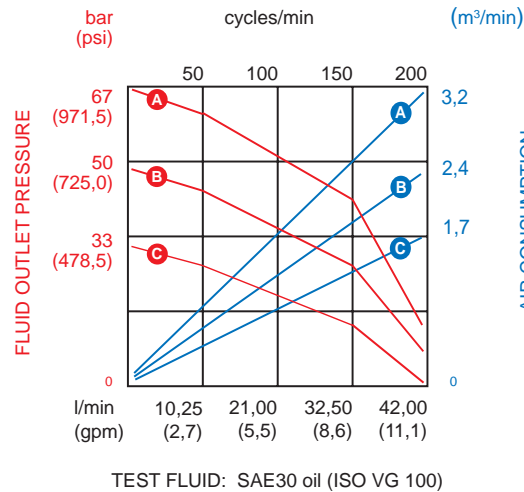
### Performance Curves



- A** = 8 bar psi (116 psi)
- B** = 6 bar (87 psi)
- C** = 4 bar (58 psi)

#### 1200 series 9:1 Ratio Oil Pumps

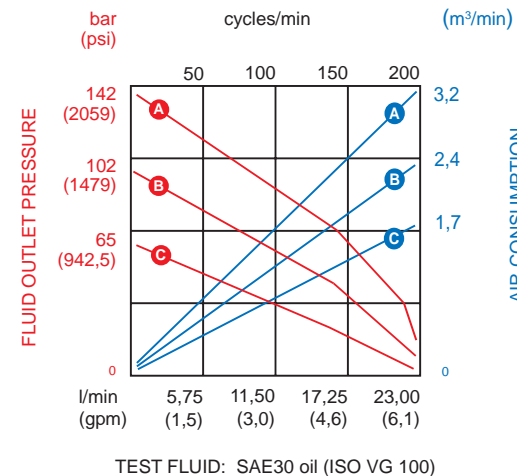
**Models**  
115F/91  
115D/91



- A** = 8 bar psi (116 psi)
- B** = 6 bar (87 psi)
- C** = 4 bar (58 psi)

#### 1200 Series 12:1 Ratio Oil Pumps

**Models**  
115F/121  
115D/121  
116F/121



- A** = 8 bar psi (116 psi)
- B** = 6 bar (87 psi)
- C** = 4 bar (58 psi)

#### 1200 Series 18:1 Ratio Oil Pumps

**Models**  
116F/181  
115D/181