

G: Gear type pump range

G: F Style:



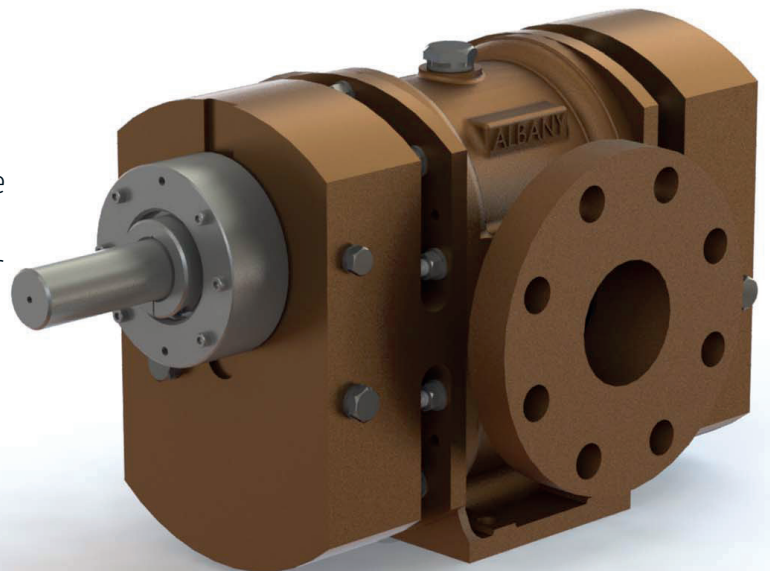
Materials: **CI** | **GM** | **SS**



3.1 certified Fire/foam pumps

As with the GE range, the GF range is primarily a foam concentrate pump, the difference being these pumps are designed for liquids of a lower viscosity. Pumps can be tested on lower viscosity liquids including water for up to 30 hours before foam use. With a lipseal shaft sealing, the pump is capable of dry running (will surpass industry requirement). Available as a pump only unit or mounted on a baseplate coupled to a prime mover.

In order to meet water test requirements, prior to use, the bearings, rotors and shafts in the pumps have been significantly adjusted to suit these applications.



Albany's 24-page brochure is available as a download at www.albany-pumps.co.uk



Maximum working pressure 18 barg	Pump size range 1 1/4" - 3"	Maximum temperature 80°C	Flow rate 65-1300 L/min
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- AL Aluminium | CS Cast Steel | CI Cast Iron | GM Gunmetal | HY Hastelloy | NR Ni-resist | NY Nylon | PP Polypropylene | SD Super Duplex | SS Stainless Steel
 General and Chemical | Bitumen | Fire | Dispenser Machines | Food Industry | Lubrication | Marine | Oil & Gas | Refrigeration | Sugar

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Albany Pumps

G: F Style:

3.1 certified Fire/foam pumps

New page. Copy from GM.

FIRE

OIL & GAS

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Albany Pumps

G: F Style:

3.1 certified Fire/foam pumps

PUMP FRAME SIZE	STANDARD BRANCH SIZE & TYPE	RPM	Example at 16 bar				Example at 20 bar			
			Lit/M	USGPM	kW	HP	Lit/M	USGPM	kW	HP
AP040	3/4" BSP 'F'	1420	24	6.4	1.2	1.6	22	5.8	1.5	2
AP050	3/4" BSP	1420	36	9.5	1.4	1.9	30	8	1.8	2.4
New table to be supplied from GM. Copy needs to be supplied in Excel										
* AP060	1 1/4" BSP F	1420	134	41	7.7	9.8	131	40	9	12
AP090	1 1/2" BSP F	1420	190	50	11.2	15	185	49	12.5	16.8
* AP100	1 1/2" Flanged 2"	1420	250	67	13.4	18	240	63	16	21
AP110	Flanged	1420	315	83	13.5	18	285	75	17	23
HD030	1 1/2" Flanged	1420	350	93	11	15	335	88	13	17.5
AP115	2 1/2" Flanged 2"	1420	380	100	18	24	350	92	22.5	30
HD040	Flanged	1420	460	122	20	27	440	116	30	40
HD050 *	2 1/2" or 3" flanged	1420	510	134	26	35	500	132	34	46
AP120	3" Flanged	1420	560	148	25	34	520	138	31	42
AP130	3" Flanged	1420	870	228	36	48	800	210	47	63
HD070	3" flanged	1420	1070	282	41	55	1000	262	45	60
HD080	4" Flanged	1420	1340	350	52	70	1300	340	67	89
HD100	4" Flanged	1420	1580	417	62	83	1500	396	70	94

***AP070, AP090 & HD050 models can be VdS certified by using our GE style pump.**

Copy to be supplied

Above flows based on foams of 12-14 cst and S.G: 1.2. Viscosity range 3 cps to 2000 cps can be accommodated, please supply details of foam and viscosity with enquiry.

Flows of 1600 l/m and above can be achieved by the Albany SA style pump range.

• DRIVES

When pumps are fitted to fire tender vehicles, drive is normally from PTO but may be via hydraulic motor or a separate engine. Fixed installations normally employ electric motors or diesel engine drives. However, there is an increasing preference for water turbine drives for foam concentrate pumps, which Albany cover with their Pelton units.

• THIXOTROPIC FOAM CONCENTRATES

Albany pumps will handle thixotropic foam liquids. Pumps may be run at normal speeds, as the shear rate within the inlet pipe and pump is sufficient to reduce viscosities. Suction lines should be as short as possible and of generous diameter since some of these liquids have a high resistance to flow.

• APPROVALS – QA

Albany holds BS EN ISO 9001 approval. World-wide, many installations of its pumps fulfil rigorous test and service conditions. We meet the QA and documentation requirements of the oil and gas industry.

• DOCUMENTATION

Customised documentation can be provided for customers when required.

• TESTING

All Albany pumps are performance tested to ensure they meet the specification.

• SPARES

Spares are held for all standard pumps. Please contact for details and prices, quoting the serial number stamped on the pump body.

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