

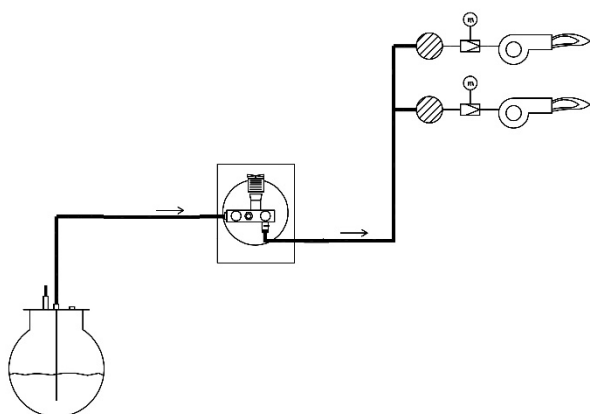
LOW VOLUME PRESSURE UNITS

AN20
LOW VOLUME PUMP

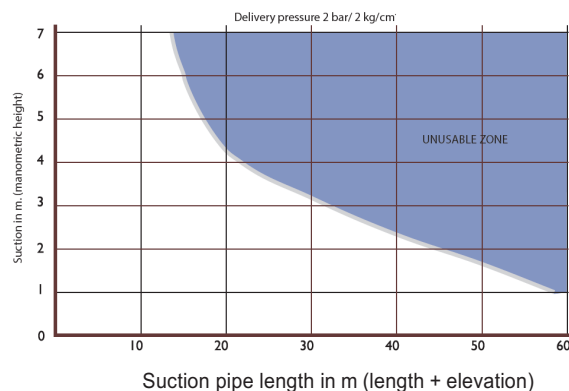


MODEL		AN20
FLOW	l/h	20
CONNECTION TO THE HYDRAULIC CIRCUIT (Ø THREAD / Ø mm)	SUCTION	10
	DRIVE	3/8" F
POWER SUPPLY	VOLTS	230 single-phase
CONSUMPTION	AMPS	1,38
MOTOR POWER	C.V.	1/6
MAX. PRESSURE	kg/cm ²	3,5
SAFETY VALVE OPENS AT:	kg/cm ²	4
SOUND LEVEL	dB (A)	58
MOTOR PROTECTION	IP	IP-20
DIMENSIONS (mm)	W x H x D	240 x 330 x 205
APPROX. WEIGHT	Kg.	6,4

Installation Example:



Suction curve:



Light Oil

kinematic viscosity= $\gamma_{37} \sim 4$ c St.
density= $\sqrt{15-0,841}$ kg/l

How it works

- The AN20 will suck the oil out of the oil tank and then pump it to the Oil Burner/Cooker/Appliance
- Maximum flow 20l/hr. For suction lift details see graph on the datasheet.
- A Pressure Reducing Valve/Pressure Regulator is supplied with the unit and 1 must be fitted just before each appliance.
- The unit is automatically operated by means of a Pressure Switch, which is starting the pump at 1,5 bar and stopping at 2,5 bar: this ensures the burner / appliance(s) fuel supply at all time.
- The Pressure Switch has also a low pressure safety -below 0,8 bar- which protects the installation/pump in case of a leak in the oil pipe/complete loss of pressure
- There is a High Pressure Safety valve which protects the pump/installation in case of a blockage in the oil pipe.

The pressure regulator 20 l/h

MODEL		ODR
Flow rate	l/h	0.1 - 20
Connection	mm com	10
	mm com	10
MAX. PRESSURE	kg/cm ²	3,5

