

COMPONENTS

PASCALI CAM100 230V 24L TANK 309PAS1100M



VERTICAL PRESSURE TANK 24L



SPERONI PUMP SELFPRIMING JET 0.75KW 230V 25X25MM



ERELECTROIL STARTER 1.1KW VSD 230V



GALVANISED ELBOW F/F 8MM



SPERONI PRESSURE GAUGE 50MM 0-600KPA



SPERONI 5 WAY CONNECTOR 25MM



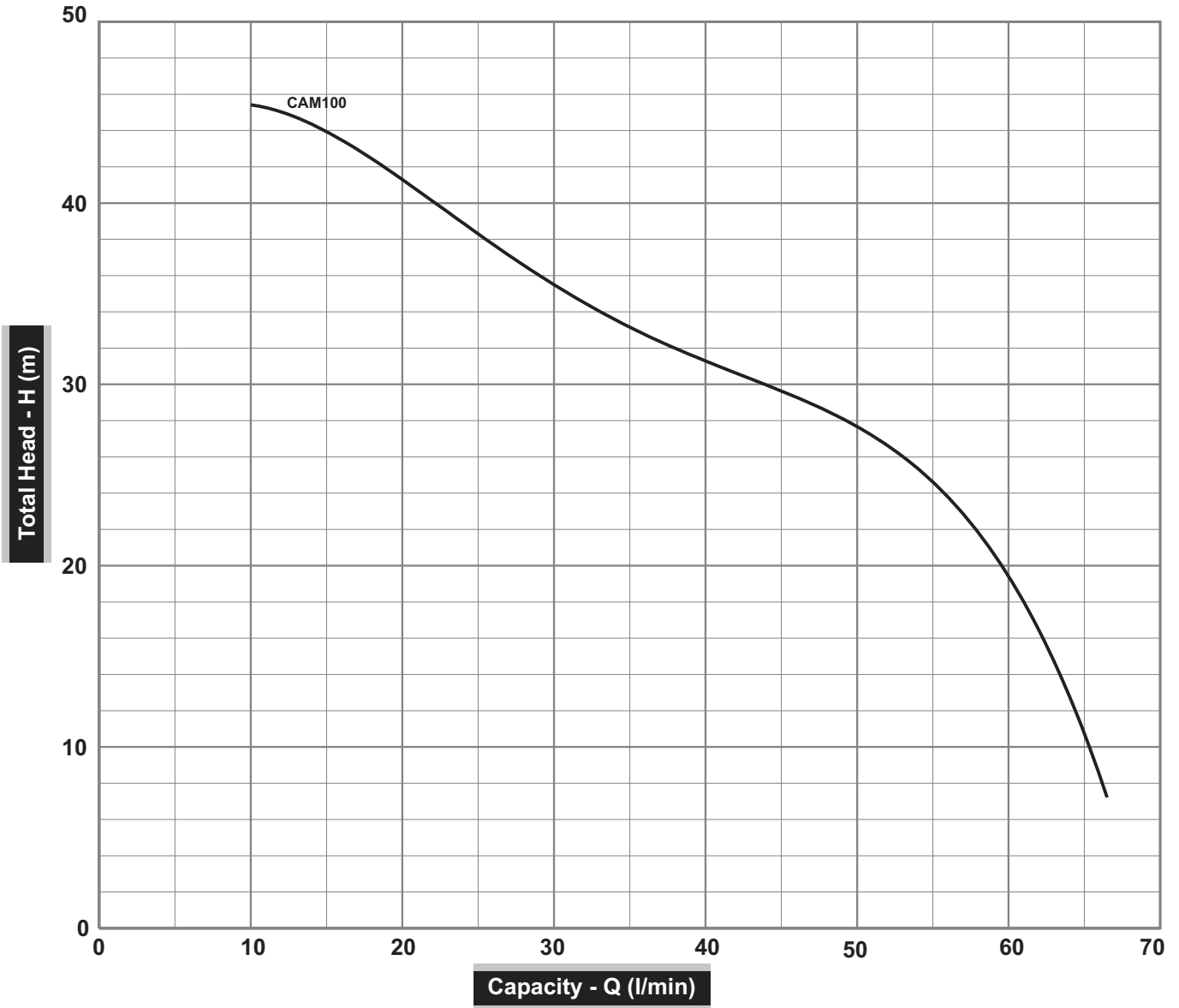
STAINLES STEEL STANK VERTICAL PRESSURE TANK 8LITER 16BAR

PASCALI CAM100 230V 8L STAINLESS STEEL TANK - 309PAS1100MS



CAM

CAM



SELECTION CHART															
Pump Type	MOTOR	Q = DELIVERY											PUMP		
		l/min 0	10	15	20	25	30	35	40	45	50	60	INLET	OUTLET	WEIGHT (KG)
	KW	H = TOTAL HEAD IN METERS													
CAM 100	0.75	45	43	40	38	35	33	30	29	26	22	25Ø	25Ø	15	

Pascali

the way to go...

PASCALI - WHAT DO WE USE IT FOR:

The Pascali variable speed drive unit is the latest model in Agrinet's range of pressure pumps to enter the industrial and domestic market. It is not a replacement for the ever popular CAM60/25 and CAM100EP, but rather an addition to the range of pressure pumps supplied by Agrinet.

The Pascali eliminates all the problems associated with domestic pressure booster pumps like pulsating flow and geyser safety equipment failure.

VARIABLE SPEED DRIVES:

Variable Speed Drives or VSD for short, changes the electrical input of 50HZ into the motor and lowers it, thus reducing the motor speed and power consumption. A pressure transducer (supplied with the VSD) senses the pressure and sends a message to the motor. As the demand increases, the transducer will detect the drop in pressure and increase the motor speed to maintain the pre-set pressure. In the case of a 400V, three phase installation, multiple pumps can be installed and the VSD inter connected to communicate with each other. Therefore, if one smaller pump can not cope with the demand, the second pump will kick in automatically followed by pump no. 3, 4 or 5.

As the demand decreases, the pumps will shut off one by one which can have significant savings on electricity. The Pascali therefore offers an excellent alternative to using big pumps in environments with varying demands.

Two or more smaller pumps can now be installed while the pressure remains constant and significant power can be saved. The VSD is also extremely suitable to use with Agrinet's highly efficient Stairs vertical and horizontal pumps.

VARIABLE SPEED DRIVE (VSD):

Installation instructions for Variable Speed Drives:

1. Ensure that the VSD is installed in a dry and well ventilated area.
2. Handle the transducer cable with extreme care.
3. Always use an 8mm galvanised male to female bend, or 8mm nipple and elbow when replacing the bleeding plug with the pressure transducer.
4. Open the isolating valve from the supply tank.
5. Open the bleeding plug or remove the transducer until all the air is out of the system. Once the pump is properly primed, screw the transducer into place.
6. Close outlet and press "START". Outlet valve must be closed with first start up.
7. The pump will start and run for approximately one minute.
8. Wait until the pump comes to a complete stop. Now press the down button to reduce pressure to the required level.
9. Open the valve on delivery, the pump is now set and ready.
10. It is imperative that you check the air pressure (1.5Bar) in the pressure tank every 3 months. The air in the pressure tank plays an important role in the system.
 - a. Eliminates water hammering and ensure a soft stop and start.
 - b. The tank serves as a feeding source for any leaks in the plumbing.
11. The transducer is Swiss made and of extremely high quality. Handle with care.
12. To clear the memory for "reset", press "STOP" ▾ (pressure down button) and hold for three seconds. Repeat steps 4,5,6,7 and 8.
13. The pressure can be clearly seen by the green LED lights on the display.