

XPRO18 "VAR" series variable flow rate with VFD motors



EN - These series of **professional** high pressure pumps are the suitable solution with high quality and safety standard for all requirements to build professional misting systems with flow rates ranging from 1 up to 18 liters/min (from 0.8 up to 4.7 US GPM), with three-phase electric motor.

High quality components like **ceramic pistons**, **brass head**, long lasting **professional seals**, assure smooth operation and a long-lasting **reliability**.

Our built-in **digital cyclic timer** offers the full control of the fogging system by direct adjustment of the frequency of mist spray, increasing the advantages on water and energy consumption with savings up to 70% if compared to standard systems.

SSC **safety features** avoid accidental flooding by stopping the pump in the event of leakages.

BPS **internal drain system** avoids to waste water during drain cycles and prevents overheating.

Variable speed motor allow to build independent misting lines/areas. Heavy-duty pumps at most **competitive prices**.



NT-Fog XPRO18 VAR

Dimensions: l. 1010 w. 440 h. 500 mm
Weight: 70 - 90 Kg according to model

TECHNICAL FEATURES

- triplex high pressure heavy-duty crankshaft pump
- 3 ceramic plungers, brass head
- transmission with flexible coupling
- working pressure: 70 bar
- built-in bypass water tank with solenoid valve (BPS)
- pressure regulating valve and safety valve
- glycerin filled pressure gauge
- heavy duty force-ventilated motor 3-phase 5.5 HP, 145-1450 RPM
- ON-OFF switch with thermal overload
- 3/4" M BSP inlet - 3/8" M BSP outlet
- 3 functions cyclic digital timer (T1 pause - T2 on - T3 drain)
- equipped with three-phase inverter drive, customized software
- low noise
- automatic variable flow rate
- can operate several nozzle lines
- automatic switch-off if all line are dosed
- automatic switch-off if water supply is missing
- automatic switch-off if no pressure (leakage) is detected
- automatic switch-on if at least one line is opened
- automatic switch-off if motor overheats
- energy saving (absorbed power is proportional to water flow)
- longer pump life (lower RPM)
- automatic filling of pipelines (timer OFF until lines are refilled)
- weatherproof frame/cover on antivibration feet (optional S.Steel)
- manufactured in compliance with CE regulations

- **DRAIN TANK**
- **ALARM/SHUTDOWN**
- **TIMER: built-in**
- **FLEXIBLE COUPLING**
- **external tank or mains water supply allowed**
- **alimentazione idrica da rete o serbatoio**



The industrial misting pumps!

Default Timer settings:
• WORK: seconds
• PAUSE: seconds (motor OFF)

XPRO18 TIME VAR - 400V 50Hz or 60Hz - 1450 rpm

| Code Codice | Pressure Pressione | | Ugelli* Nozzles* | | Output lpm Portata l/min | | Output gpm Portata q/min | | Power Potenza | |
|----------------|-----------------------|------|---------------------|----------|-----------------------------|----------|-----------------------------|---------|------------------|-----------|
| | bar | psi | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | W | Ah (50Hz) |
| IF308082 | 70 | 1000 | 12 - 125 | 15 - 150 | 1 - 10 | 1.2 - 12 | 0.8-2.6 | 0.9-3.1 | 2000 | 5.0 |
| IF308080 | 70 | 1000 | 18 - 190 | 22 - 228 | 1.5 - 15 | 1.8 - 18 | 1.2-3.9 | 1.4-4.7 | 2100 | 5.5 |
| IF308081 | 70 | 1000 | 23 - 230 | 28 - 275 | 2 - 18 | 2.4 - 21 | 1.3-4.7 | 1.5-5.6 | 2660 | 7.0 |