

ARTIC "H" series

for systems from 8 up to 75 nozzles

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 6 l/min with single phase electric motor.

All the components used in Polaris series include high quality and best materials assuring troubleless operation and long durability. Our built-in digital timer offers full control of the efficiency of the fogging system by direct adjustment of the frequency of mist spray.

A built-in humidity and temperature (optional) controller grants a complete control on environment conditions and a quick and simple installation of humidification systems.

QES electrical motors assure the full efficiency with lowest power consumption and low noise operation. QES units are the best solution for applications where noise is a matter of disturb.

Heavy-duty pumps at most competitive prices.



Artic H

Dimensions: l. 472 w. 374 h. 332 mm

Weight: 20-22 Kg. according to model

TECHNICAL FEATURES

- professional 70 bar high pressure pump, brass head
 - 3 heavy duty ceramic coated plungers
 - safety valve
 - glycerin filled pressure gauge
 - 2 in line mounted solenoid 230V-50Hz
 - heavy duty industrial motor single phase 2,0 HP, 1450 RPM, self ventilated
 - thermal overload protection
 - ON-OFF switch
 - pressure switch to protect pump against dry running
 - safety pressure switch (automatic shutdown with system fault)
 - wheatherproof steel skid cover on anti-vibration rubber feet
 - manufactured in compliance with CE regulations
 - noise level: 60 dB(A) (average)
 - humidity (RH%) and temperature* signal sockets (probes are not included)
 - built-in humidistat (5-95% RH range, 1% sensitivity)
 - digital thermostat*
 - built-in programmable digital timer TIME 2.0 (on/off cycles + clock)
- (* optional)

- **TIMER: built-in**
- **HUMIDISTAT: built-in**
- **THERMOSTAT: optional**

Default Timer settings:
WORK: seconds
PAUSE: seconds

The best solution
for humidification!

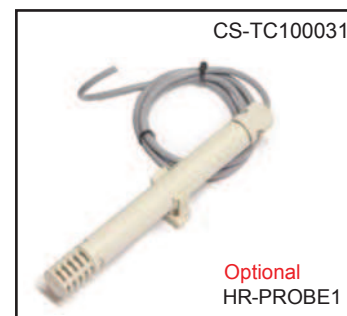
QES units supplied with QES low noise motors (Quiet Engine System) offers low consumption and ensure great reliability.

TIME 2.0 all units supplied with advanced digital timer 2.0 allow to modulate the operation of the system, regulating the mist spray according to existing environment conditions and therefore saving energy and water.



CS-TC100032

Optional
T-PROBE1



CS-TC100031

Optional
HR-PROBE1

Artic HT 1450 rpm										
Code	Pressure		Output		Power		RPM	Volt	Nozzles*	Price
	Bar	psi	l/min	gpm	W	Ah				
CS-TC										
307241	70	1000	1	0.26	550	2.8	1450	230	8 - 12	
307242	70	1000	2	0.53	680	3.1	1450	230	15 - 25	
307243	70	1000	3	0.78	815	3.7	1450	230	30 - 40	
307244	70	1000	4	1.06	900	4.1	1450	230	40 - 50	
307246	70	1000	6	1.59	1250	5.7	1450	230	50 - 75	

* 0.20 mm / 0.008" Nozzles

