

**UP20A-NAC-  
MMM 2" PNEUMATIC DOUBLE DIAPHRAGM PUMP, UP20, UP  
SERIES, ALUMINIUM-SANTOPRENE-SANTOPRENE, NPT**


Air operated double diaphragm pumps for dosing, spraying, transferring, evacuating and distributing a wide variety of fluids. SAMOA offers a wide range of material options for chemical compatibility and to withstand abrasion, temperature and fatigue caused by demanding conditions.

UP20 pump makes the difference through:

- HIGHER EFFICIENCY. Maximum fluid flow with reduced air consumption.
- INCREASED RELIABILITY. No stall, no icing, reliable start-up and longer air valve and diaphragm lives.
- MAXIMUM VERSATILITY. Metal pumps and a wide range of diaphragms, seats and balls offer broad fluid and application compatibility.
- EASY SERVICING. Simplified maintenance and cleaning. Components designed for long life and reliability.

This model is a fully groundable ATEX certified pump, for use in potentially explosive atmospheres (Ex II2 GD IIB/IIC 95 °C).

VIDEO Youtube: <https://youtu.be/sGp4aNBHwil>

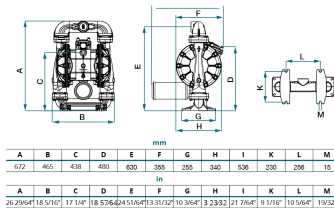
**DATOS TÉCNICOS**

<b>Air inlet</b>	3/4" NPT (F)
<b>Air pressure operating range</b>	1.5 - 8 bar (20 - 120 psi)
<b>Certification</b>	ATEX
<b>Delivery per cycle</b>	4.5 l (1.2 gal)
<b>Fluid inlet</b>	2" NPT (F)
<b>Fluid outlet</b>	2" NPT (F)
<b>Fluids</b>	Chemicals, Paint
<b>Maximum dry suction head</b>	5 m (16 ft)
<b>Maximum free flow delivery</b>	650 l/min (172 gal/min)
<b>Maximum wet suction head</b>	8 m (26 ft)
<b>Pressure ratio</b>	1:1
<b>Pump size</b>	2"
<b>Solids in suspension maximum size</b>	6.4 mm (0.18 ")
<b>Weight</b>	46 kg (101 lb)
<b>Wetted materials</b>	Aluminium

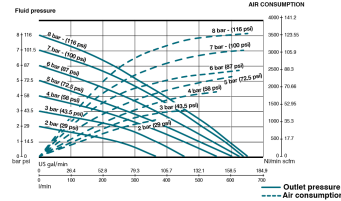
**DOCUMENTACIÓN**

<b>NOMBRE</b>	<b>DESCRIPCIÓN</b>
855865.pdf	Instructions manual 2
855859-en-es.pdf	Instructions manual 1 en-es
855859-fr-de-ru.pdf	Instructions manual 1 fr-de-ru

+ INFO



Tested at room temperature, with water. Flooded pump with positive suction head.



## CUADRO DE MODELOS

## UP20A-NAC-MMM

Weight	46 kg (101 lb)
Maximum free flow delivery	650 l/min (172 gal/min)
Fluid inlet	2" NPT (F)
Diaphragms	Santoprene
Balls	Santoprene
Seats	Santoprene
Other wetted materials	-
Air motor	Aluminium
Fluid Path	Aluminium

## UP20A-NSS-STT

Weight	76 kg (168 lb)
Maximum free flow delivery	650 l/min (172 gal/min)
Fluid inlet	2" NPT (F)
Diaphragms	PTFE
Balls	PTFE
Seats	Stainless steel (AISI 316)
Other wetted materials	-
Air motor	Aluminium
Fluid Path	Stainless steel (AISI 316)

## UP20A-NAC-NNN

Weight	46 kg (101 lb)
Maximum free flow delivery	650 l/min (172 gal/min)
Fluid inlet	2" NPT (F)
Diaphragms	NBR
Balls	NBR
Seats	NBR
Other wetted materials	-
Air motor	Aluminium
Fluid Path	Aluminium

## UP20B-FPS-PMA

Weight	42 kg (92 lb)
Maximum free flow delivery	650 l/min (172 gal/min)
Fluid inlet	2" DIN / ANSI flange
Diaphragms	Santoprene
Balls	Santoprene
Seats	Polypropylene
Other wetted materials	-
Air motor	Conductive polypropylene
Fluid Path	Polypropylene