

DEPA®

DEPA® AirSave System

www.depapumps.com

The DEPA® AirSave System offers many key features and benefits including:

- 1 Innovative and robust design**
An innovative and robust DEPA® AirSave design increases the energy efficiency and service life of the pump. It delivers outstanding performance and operates at a low start-up pressure with hardly any leakage.
- 2 Operating costs impact reduces maintenance**
Shorter maintenance downtime and reduced number of spare parts decreases the operating costs.
- 3 Diversified for a broad range of applications**
Diversified for a broad range of applications. The AirSave System is compatible with DEPA® type DL-Series Polypropylen, sizes 15/25/40 and with type DH-Series aluminium, sizes 15/25/40. ATEX compliant if in combination with ATEX conform DEPA® pumps.



CRANE®

www.cranecpe.com

DEPA® AirSave System

Product Features

- **Reduced energy consumption**
With virtually zero leakage and a start-up pressure of 0,5 bar allow the Air Operated Double Diaphragm Pump (AODD) start operation sooner with reduced air consumption
- **Long service life and continuous operation**
Up to 50 million cycles, non-stalling in case of icing
- **Compact design**
Few components required and no lubricant needed
- **Polyamide housing**
High mechanical strength
- **Quiet and optimized air drive**
- **Harmonic and continuous pump operation**

Pressure Range

Max. operating pressure 7 bar

Sizes

Type	15 (½")	25 (1")	40 (1 ½")
DL-PM	●	●	●
DL-PP	●	●	●
DL-PL	●	●	●
DH-FA	●	●	●



DEPA® DL Polypropylene
(conductive) Pump with AirSave
System



DEPA® DH® Aluminium Pump
with AirSave System

Temperature

Depending on with the pump's specification

Applied Guidelines

- ATEX compliant in accordance with directive 2014/34 EC equipment group II, category 2GD, Explosion group IIB Tx (II 2 GD IIB Tx)
- Machinery Directive 2006/42/EC

Device Group	Device Category		Explosive Atmosphere		Explosion Group*		
			G	D	IIA	IIB	IIC
I	M1	-	-	-	-	-	-
	M2	-	-	-	-	-	-
II	1	-	-	-	-	-	-
	2	●	●	●	●	●	-

● available - not available

* Only in combination with ATEX certified pump. Temperature class is given with the fluid temperature.

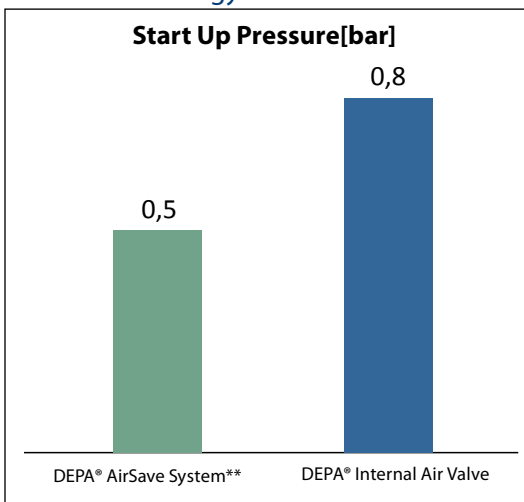


ATEX-compliant II
2GD IIB Tx



Performance

DEPA® pumps with AirSave System are able to start at a low start up pressure. The air pressure is converted into mechanical energy with minimal losses.



**only applicable in combination with certain elastomer combinations

Crane ChemPharma & Energy, DEPA®