

BENECOR



BENECOR ELECTRIC MOTOR BASE DEF PUMP PACKAGE

Built based on the most requested package, Benecor's Electric Motor Base DEF Pump Package includes: electric motor, nozzle, 10 ft. EPDM flexible hose, 47 in. pump (for a tote) & barrel adapter. For additional options see the features section below.

Features:

- Electric Motor
- DEF Nozzle
- 10 ft. EPDM Flexible Hose
- 47 in. Pump for Totes
- Barrel Adapter
- Additional options available:
 - Hose
 - Flow Meter

Technical Specifications:

- See individual product information

Contact Benecor Customer Service
For Product & Pricing Information At:

248.437.4437

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BENECOR AIR MOTOR BASE DEF PUMP PACKAGE

Built based on the most requested package, Benecor's Air Motor Base DEF Pump Package includes: air motor, nozzle, 10ft. EPDM flexible hose, 47 in. pump (for a tote) & barrel adapter. For additional options see the features section below.

Features:

- Air Motor
- DEF Nozzle
- 10 ft. EPDM Flexible Hose
- 39 in. Pump for Barrel
- Barrel Adapter
- Additional options available:
 - Hose
 - Flow Meter

Technical Specifications:

- See individual product information

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BENECOR DEF CENTRIFUGAL PUMP

Benecor's Centrifugal Pumps are specifically designed and engineered for pumping DEF. Strong delivery pressure makes it ideal for use in supplying DEF from storage tanks. This self-priming pump also has excellent suction capacity even when there are air bubbles in the liquid.

Features:

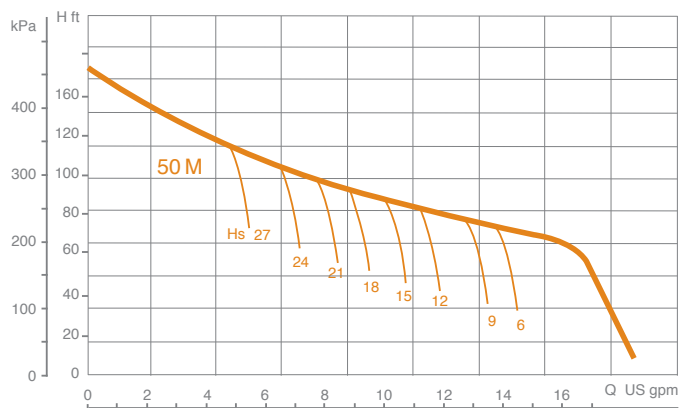
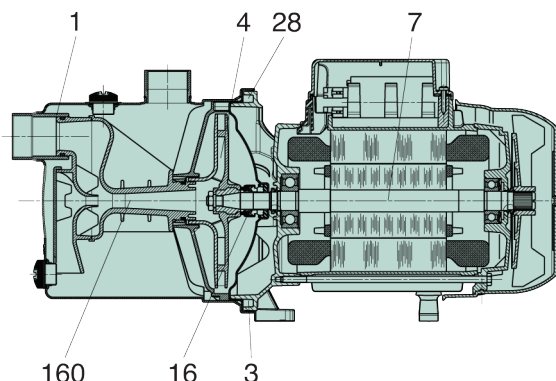
- Self-Priming
- Excellent suction capacity
- Stainless Steel
- Built-in thermal and current overload protection

Technical Specifications:

- Dual Voltage 115v/230v 60Hz
- Liquid quality requirements: clean, free from solid or abrasive substances
- Liquid temperature range: from +32° F to +113° F
- Maximum ambient temperature: +104° F
- Maximum operating pressure: 8 bar (116 PSI)
- Installation: fixed in a horizontal position
- Motor protection level: NEMA 4 (IP44)
- Terminal box protection: NEMA 4X (IP55)

N.	DESCRIPTIONS*	MATERIALS
1	PUMP BODY	STAINLESS STEEL AISI 304 X5 CrNi 1810 UNI 6900/71
4	IMPELLER	TECHNOPOLYMER A
7	SHAFT WITH ROTOR	STAINLESS STEEL AISI 303 X10 CrNiS 1809 UNI 6900/71
16	MECHANICAL SEAL	CARBON/CERAMIC
28	OR GASKET	VITON
36	SEAL COVER	STAINLESS STEEL AISI 304 X5 CrNi 1810 UNI 6900/71
160	NOZZLE-VENTURI-DIFFUSER ASSEMBLY	TECHNOPOLYMER A

* In contact with the liquid



Item Number: C12HP

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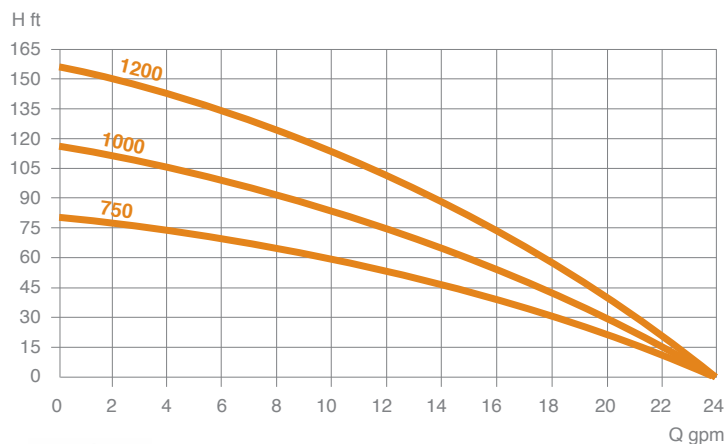


BENECOR DEF SUBMERSIBLE PUMP

Benecor's powerful multi-stage submersible pump is available with 2, 3, or 4 impellers and is ideal for use in supplying DEF from storage tanks.

	P1 W-HP	H Max Ft	Q GPM	A In	Impellers	Max PSI
750	750-1/2	79	25	1"	2	35
1000	900-3/4	118	25	1"	3	52
1200	1100-1	157	25	1"	4	64

	Inch	Lb	Inch
750	5.9x5.9x13.8	16 16.5	40
1000	5.9x5.9x14.8	18.7 19.1	40
1200	5.9x5.9x15.7	19.4 19.8	40



Features:

- Overload protections: built-in thermal and current overload protection
- Liquid quality requirements: clean, free from solid or abrasive substances

Technical Specifications:

- Liquid temperature range: from +32° F to +113° F
- Maximum ambient temperature: +104° F
- Maximum operating pressure: 4.6 bar (64 PSI)
- Installation: fixed in a horizontal or vertical position



l x d x h

Item Number: SUB75012HP,
SUB100034HP, SUB12001HP

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BENECOR ELECTRIC MOTOR

Benecor's Electric Motor is built to meet both North American and European standards. We've included many features and equipped this motor with powerful capabilities to suit your Diesel Exhaust Fluid needs.

Features:

- Variable speed control
- Multi-Certified Motors meet stringent North American and European standards
- Thermal overload release switches
- Unique drop-in brush system
- Powerful 1.1 hp (825 watt), 115v Motors

Technical Specifications:

- Enclosure – O.D.P (IP44)
- Power – 115/1/50-60
- Watt – 825

Item Number: 510COM-Sp280pv

Contact Benecor Customer Service
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BENECOR AIR MOTOR

Benecor's Air Motor is built to meet both North American and European standards. We've included technical details compatible with your Diesel Exhaust Fluid needs.

Technical Specifications:

- Consumption – 22 CFM@90 p.s.i.
- Maximum inlet pressure – 100 p.s.i.
- Output – 1/2 hp

Item Number: 510COM- Spa1

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BENECOR DEF NOZZLE

Benecor's automatic nozzles are equipped with a device that automatically shuts off the flow when the tank is full. Complete with swivel connector, they conform to the strictest safety requirements.

The strong and comfortable stainless steel housing encased in rubber, protects the nozzle from shocks and makes the grip comfortable even at low temperatures. The lever protection prevents accidental dispensing.

Features:

- Automatically shuts-off the flow when tank is full
- Conform to the strictest safety requirements
- Stainless steel encased in rubber protects against shocks
- Comfortable Nozzle even in low temperatures

Technical Specifications:

- Available in 19 gal/min flow capacity
- Inlet, with swivel, hose tail 3/4"
- Spout exterior diameter - 19 mm
- Weight - 5.73 lbs

Item Number: 510COM-SSNOZZ

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BENECOR DEF PUMP

Polypropylene Series – Benecor's Polypropylene pump tube is engineered to ensure 100% compatibility with DEF. Quick interchange between electric and pneumatic motors for fast connection and disconnection. The pump's sealless design permits "run dry" and "dead head" operation.

Features:

- 39" length available for Barrel applications
- 47" length available for Tote applications
- Additional sizes available for special applications

Item Number: 510COM-9100, 510COM-9102

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Technical Specifications:

- Model – 510COM-9100
Tube assembly – Polypropylene
Length – 39" (1000 mm)
Shaft – Stainless steel
Impeller – High pressure
- Model – 510COM-9102
Tube assembly – Polypropylene
Length – 47" (1200 mm)
Shaft – Stainless steel
Impeller – High pressure

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BENECOR HOSE

Benecor's hose is specially designed for dispensing and delivery of urea aqueous solution (32%) for the SCR (Selective Catalytic Reduction) technology.

Features:

- Available to be ordered by the foot

Item Number: 510COM-HOSE

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Technical Specifications:

- Tube – Black, smooth, sulfur free EPDM rubber compound with peroxide curing, antistatic ($R < 1 \text{ M}\Omega/\text{m}$)
- Reinforcement – Synthetic textile fabrics
- Cover – Black, smooth EPDM rubber compound, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), aging, heat and weather resistant
- Temperature range – -40°C (-40°F), $+100^{\circ}\text{C}$ ($+212^{\circ}\text{F}$), with peaks up to $+120^{\circ}\text{C}$ ($+248^{\circ}\text{F}$)

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BENECOR FLOW METER

Benecor's meter for delivering low viscosity fluids with a turbine measuring system. Easy to install, in line or at the end of a delivery pipe, equipped with an easy-to-read, compact screen. The meter can be installed directly onto the nozzle for convenient, on-the-spot reading of the quantity delivered. Thanks to its strong casing and a sealed plug-in electronic card, this sturdy meter can be used in practically all conditions.

Features:

- Precision +/- 1% within the flow range
- Repetitiveness 0.2%
- Maximum flow rate 31.7g/min
- Working temperature -10/50°C
- Loss of pressure < 0.15 bar
- Can be calibrated

Item Number: 510COM-FM

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248.437.4437

Technical Specifications:

- Turbine measuring system
- Reinforced polyamide body
- Threaded input/output, aligned male/female depending on version
- Single channel, reed switch
- Electronic card with LCD display – Partial 5 figures from 0.1 to 99999, total 6 figures from 1 to 999999
- Total resetting available
- Flow indication
- Batteries – 2 batteries size AAA

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BENECOR BARREL ADAPTER

Benecor's Polypropylene Barrel Adapter was specifically designed to securely fasten the pump to a barrel or tote. Our specialized engineering ensures a strong connection between your pump and barrel or tote.

Technical Specifications:

- Polypropylene
- 2" O.D. (51mm)

Item Number: 9015

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BENECOR RETAIL & FLEET ABOVE GROUND STORAGE DISPENSER

Benecor's Retail & Fleet above ground storage dispensing systems are made to withstand high-volume usage and the elements. Our Fleet & Retail Dispenser is designed with an inventory ordering system, spill containment capabilities and evaluation sensors. All of this adds up to a smart storage system that was built to make your job easier.

Features:

- Commercial & Fleet Dispensing Systems
- P.O.S. Dispensers to communicate with existing software
- Inventory Telemetry to communicate back to supplier to ensure adequate supply of Diesel Exhaust Fluid (UREA)
- Proper spill containment
- Heated & cooled enclosures based on climate of operation
- Insulation enclosures for cold weather climates
- Overfill Sensors
- Level Sensors
- Leak Sensors
- Custom paint & graphics for customers

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