



## BENECOR DEF SMART START CENTRIFUGAL PUMPS

BENECOR'S Centrifugal Pumps are specifically designed and engineered for dispensing 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.

Only BENECOR gives you the original "BENECOR SMART START" technology. Our SMART START DEF PUMP allows for minimal user interface. Simply squeeze the nozzle and the pump automatically starts THEN shuts-off 12 seconds after the fill is complete. With BENECOR SMART START, you can eliminate damage to your pumps seals; protect your warranty and DEF quality; avoid costly downtime; and keep control of your DEF investment in your hands - not in the hands at the pump.

### FEATURES

- Self-Priming
- Excellent Suction Capacity
- Stainless Steel
- Built-In Thermal & Current Overload Protection

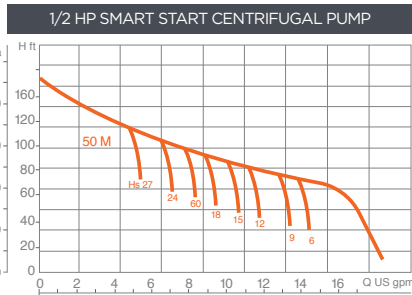
### TECHNICAL SPECIFICATIONS

- Dual Voltage: 115V/230V 60Hz
- Flow Rate: Adjustable Up To 9.5 GPM
- Liquid Quality Requirements: Clean, Free From Solid Or Abrasive Substances
- Liquid Temperature: +32°F To +113°F (0°C To +45°C)
- Maximum Ambient Temperature: +104°F (+40°C)
- Maximum Operating Pressure: 8 Bar (116 PSI)
- Motor Protection Level: NEMA 4 (IP44)
- Terminal Box Protection: NEMA 4X (IP55)
- Installation: Fixed In A Horizontal Position

### PART NUMBERS

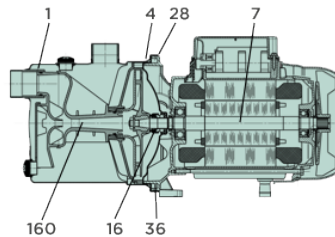
1/2 HP SMART START CENTRIFUGAL PUMP: C12SS

1 HP SMART START CENTRIFUGAL PUMP: C1.0SS  
(Call For Additional 1 HP Pump Specifications)



| NO. | 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



FOR MORE INFORMATION CONTACT BENECOR DIRECTLY

**1-844-BENECOR**  
1 - 8 4 4 - 2 3 6 - 3 2 6 7

MOST ITEMS ARE  
IN-STOCK & SHIP  
WITHIN 24 HRS



BENECOR DEF BARREL DISPENSING SYSTEMS

BENECOR DEF BARREL CART DISPENSING SYSTEMS



BENECOR DEF TOTE DISPENSING SYSTEMS

## BENECOR DEF DISPENSING SYSTEMS

BUILD YOUR BENECOR DISPENSING SYSTEM AS EASY AS **1, 2, 3**

BENECOR dispensing solutions are smart and built to suit your specific DEF dispensing needs. **With over 10,000 pumps successfully operating in the market today, BENECOR DEF pumps are proven for the long haul.** Choose from mounting directly onto a Tote with the front mounting design, Barrel top mounting, Barrel Cart mounting and wall mounting. All BENECOR Dispensing Systems are paired with only the highest quality components you've come to expect from BENECOR, the DEF Dispensing & Storage Industry Leader.

### 1. CHOOSE YOUR PUMP

|   |  |   |
|---|--|---|
|  <p>DEF 12 VOLT PUMP</p>             |  <p>DEF 1/2 HP CENTRIFUGAL PUMP</p>  |  <p>DEF SMART START 1/2 HP CENTRIFUGAL PUMP</p> |
|  <p>DEF DOUBLE DIAPHRAGM PUMP</p>   |  <p>DEF AIR MOTOR PUMP</p>  |  <p>DEF ELECTRIC MOTOR PUMP</p>                |
|  <p>DEF 1/3 HP CENTRIFUGAL PUMP</p> | <p>BENECOR DEF Dispensing Systems Give You Flexibility With Several DEF Pumps To Choose From, So You Can Build Your BENECOR System Specific To Your Needs.</p> |   |

### 2. HOSE LENGTH



BENECOR Offers Standard Suction Hose Lengths Including 3', 4'.

Dispensing Hoses Are Available In Standard Lengths Of 10 & 20 Feet And Can Also Be Customized To Specific Lengths.

All Necessary Hose Hardware Included.

### 3. ADD AN OPTIONAL FLOW METER



Add an optional flow meter to your BENECOR Dispensing System.

