

PRO 1F® MANUAL/AUTOMATIC INFLATOR

General Characteristics

- Designed for use on life vests where automatic (immersion) back up is desirable
- Easy and inexpensive to rearm – requires only a CO2 cylinder on a bayonet and a bobbin
- Improved splash resistance
- Improved humidity resistance
- Standard lanyard lengths:
 - 4 inch (10 cm)
 - 5 inch (13 cm)
 - 6 inch (15 cm)
- Uses the super bobbin
- Uses standard ½ inch CO2 cylinder with bayonet
- Single point indication system (user determines system readiness with a glance – green/red indicator)
- Meets UL 1191 standard
- Meets Cen/ISO 12402-7 standard
- UL recognized as a USCG Code 1F component



Pro 1F® V86000 Inflator

PERFORMANCE CHARACTERISTICS

- Operating temperatures:
 - 0° - 45°C (Air)
 - 0° - 32°C (Water)
- Meets UL 1191
- Meets Cen/ISO 12402-7

REPLACEMENT PART NUMBERS

V86110KIT – Manifold Assembly
 V86140 – Cylinder Bayonet Assembly
 V80040 – Bobbin

MATERIALS

- Glass reinforced polyester, acetal, polycarbonate, glass reinforced nylon, glass reinforced polyphenylene sulfide (PPS)
- Manifold – polyether polyurethane
- All metal components – stainless steel for the marine environment

ASSEMBLY TOOL NUMBERS

V86900ASM – Manual Punch Assembly
 TV86300 – Inflator Assembly to Manifold, Powered
 TV86118-1 – Knurl Pin Assembly
 DV86000 – Manifold Welding Die
 TV86900R – Knurl Pin Remover Disassembly
 TV86200 – Bayonet, Powered Assembly

QUALITY CRITERIA

- 100% inspected for leak and functionality
- ISO 9001-2000

PACKAGING AND SHIPPING

- Minimum shipping – one box
- 100 pieces
- Box size – 22 inch x 15 inch x 8 inch
- Weight – 28 pounds