## Revolutionary Materials And Design Features Makes The Vancs PN Unique Among Corrosion Resistant Pumps

ONE PIECE MOLDED CABLE ENTRANCE INCORPORATES:

(I) CABLE BOOT

Prevents kinking at cable entrance by extending bending radius.

2 ANTI- WICKING BLOCK

Prevents water incursion due to capillary wicking, should the power cable damaged or the end submerged.

3 LIMITED TIGHTENING PLATE

Prevents over tightening of boot compression screws.

Provides strain relief.

HIGHLY EFFICIENT AIR FILLED MOTOR INCORPORATES:

4 PERMANENTLY LUBRICATED. DOUBLE SHIELDED, SINGLE ROW, DEEP GROVE, HIGH TEMPERATURE C3, BALL BEARINGS RATED, B-10 = 60,000 HRS.

(5) COPPER WINDINGS WITH CLASS E INSULATION

Operates at lower temperatures, Extending insulation and bearing life.

6 PUMP END DESIGNED TO BE HYDRAULICALLY CORRECT, FOR A WIDE VARITY OF APPLICATIONS:

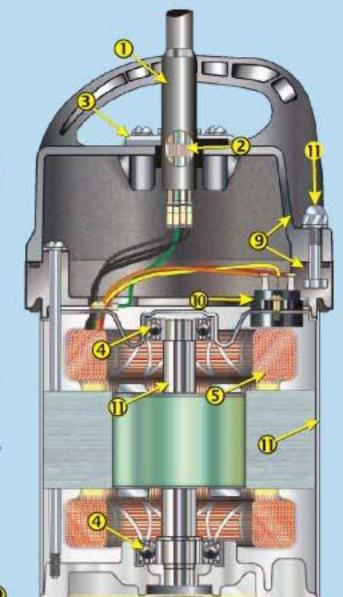
Low internal velocities extends life of impeller and volute.

7 BUILT IN BALL CHECK AIR RELIEF

VALVE: prevents air locking.

8 Semi-vortex Impeller:

Handles long stringy materials and medium diameter solids.



 APPLICATION APPROPRIATE RESIN AND FIBERGLASS (FRP):

Resistant to High or low temperatures, impact. chemicals and corrosion.

10 CIRCLE THERMAL MOTOR PROTECTOR:

Protects against, over amperage, overheating, run-dry.

11 STAINLESS STEEL MOTOR FRAME, SHAFT & FASTENERS:

Provides protection against corrosion.

12 MOLDED-IN STAINLESS STEEL ANCHORS FOR EACH FASTENER:

Increases structural integrity.

> (13) DOUBLE INSIDE MECHANICAL SEAL WITH SILICON CARBIDE FACES:

Assures the longest operational life of any seal available.

(14) OPTIONAL, TOK SLIDE RAIL SYSTEM:

Allows for quick removal of pump unit for maintenance or Winterizing.

