



ITT

Bell & Gossett® Red Fox®

Three Speed Wet Rotor Circulators



NRF-25



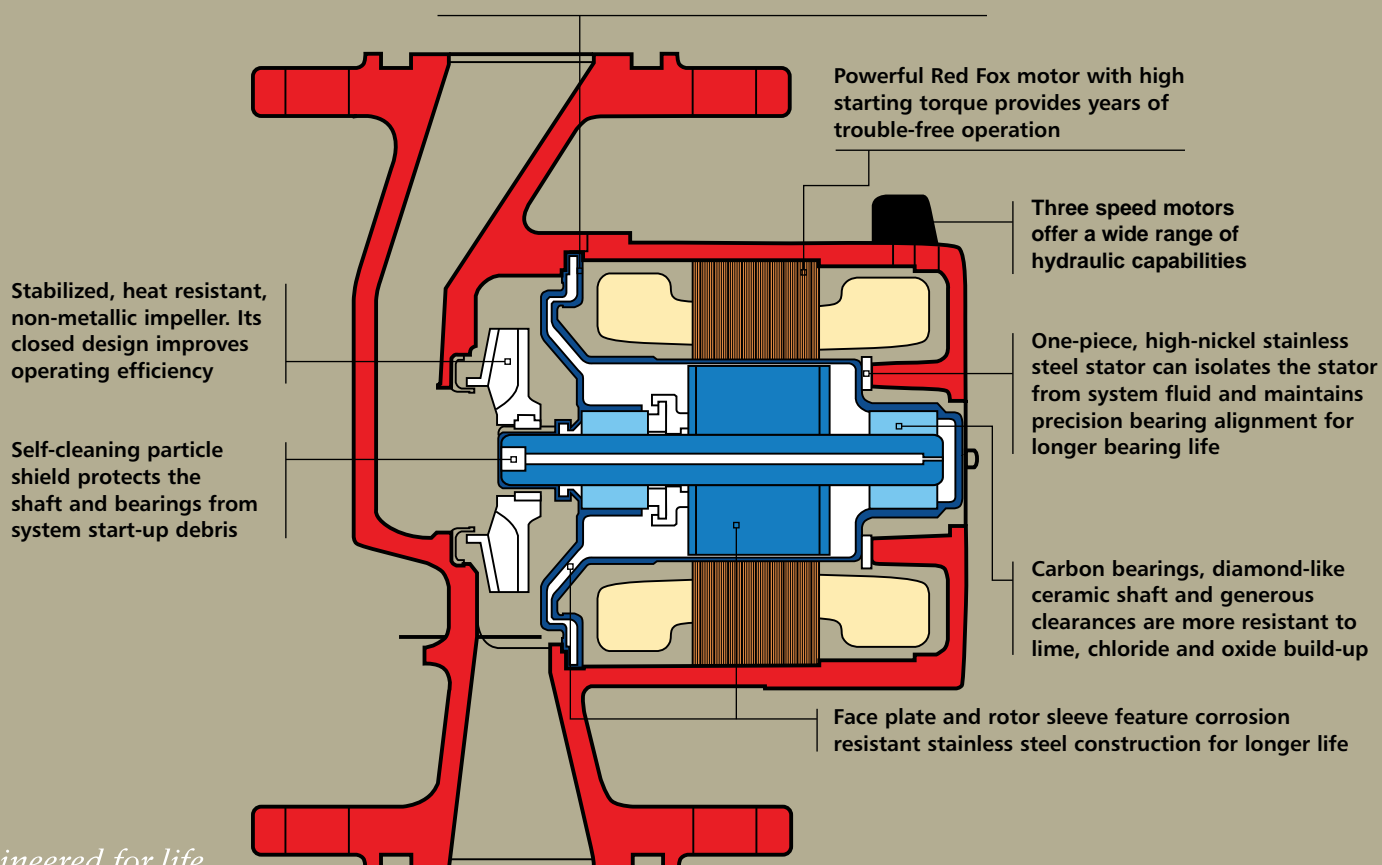
NRF-36



NRF-45

Reliable, maintenance-free, whisper quiet wet rotor circulators designed for residential and light commercial heating systems.

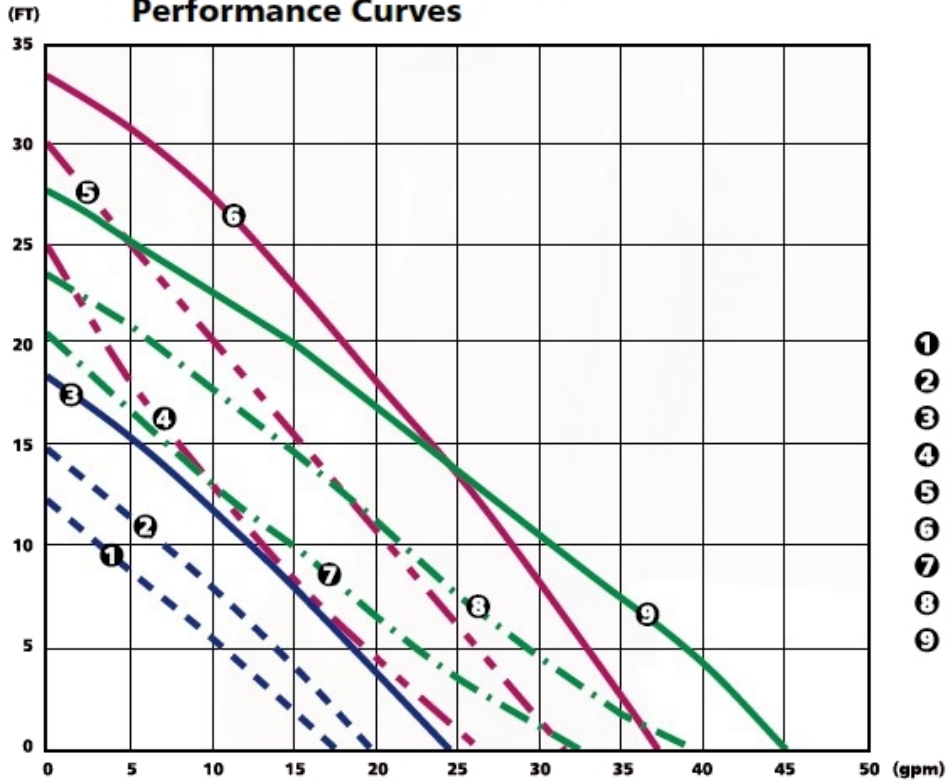
DuraGlide™ Bearing System (blue areas in cutaway illustration) incorporates several components working together to eliminate seasonal freeze-up



Engineered for life



Three-Speed NRF Circulator Performance Curves



Description

A residential or light commercial, maintenance-free, axial flanged, in-line, cast iron, wet rotor circulation pump for hydronic heating systems. UL and cUL Listed.

Operating Data

Maximum working pressure 150 psi (10 bar)
 Maximum operating temperature
 NRF-25, NRF-36 and NRF-45 225°F (107°C)

Dimensions

Model Number	Part Number	Flange Sizes Inches - NPT	Dimensions Inches (mm)			Standard 60 Cycle Motor Characteristics*					Shipping Weight lbs. (Kg)
			A	B	C	Watts	∅	Volts	F.L. Amps	RPM	
NRF-25	103417	3/4, 1, 1 1/4, 1 1/2	6 3/8 (162)	6 3/16 (157)	5 1/8 (130)	125	1	115	1.20	2950	10.4 (4.7)
NRF-36	103400	1, 1 1/4, 1 1/2	6 3/8 (162)	6 7/8 (175)	5 3/4 (146)	270			2.30	3300	13.1 (6.0)
NRF-45	103404		8 1/2 (216)	7 3/8 (187)	5 3/4 (146)	270			2.30	3300	14.5 (6.6)

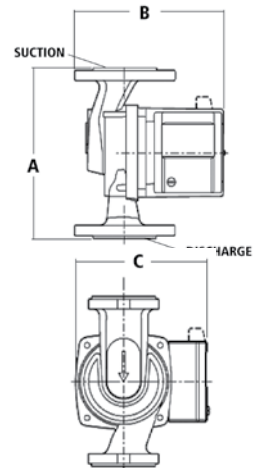
NRF-25 is impedance protected.
 NRF-36 and NRF-45 are thermally protected.
 Dimensions are approximate and subject to change. Contact factory for certified

Construction Materials

Pump body Cast iron
 Impeller Noryl
 Shaft Ceramic
 Bearings Double-sintered Carbon

Warranty

Bell & Gossett offers a warranty of three years from of manufacture or 18 months from date of installation (which ever comes first) against failure as result of defects in materials or workmanship.



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