



MATERIALS OF CONSTRUCTION
Hand Pump Model: 210A

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Section	301

NOTE: The following applies to standard models. Options are only available as separate kits.

PART NAME	STANDARD MATERIALS	AVAILABLE KIT OPTIONS
All Models		
Cylinder and Head	Cast Iron	
Vanes	Carbon	
Vane Springs	Stainless Steel	
Rotor	Sintered Iron	
Shaft and Pin Assembly	Steel	
Crank Arm	Zinc Plated Steel	
Grip, Handle	Glass Filled Nylon	
Pin, Handle	Steel	
Packing	Graphite	
Packing Nut	Acetal Homopolymer	
Head Gasket	Paper	
Capscrews	Steel	
Jam Nut	Zinc Plated Steel	
AT, BR(F), and DP(F) Models		
Discharge Spout	Zinc Plated Steel	
Suction Pipe	AT, BR, DP Galvanized Steel or Zinc Plated Steel	Telescoping Pipe: Galvanized Steel/ Aluminum with Buna-N or EPR or FKM
	BRF and DPF Telescoping Pipe with Screen: Galvanized Steel/Aluminum with Buna-N O-rings	Solvent O-ring Kit contains EPR and FKM O-rings
Bung Adaptor	Aluminum	
Bushing	Galvanized Iron	
Tank Washer	Buna-N	
BR(F) Only Models		
Hose	BR models Buna Liner/Neoprene* Cover	Nylon Liner/Neoprene Cover
	BRF210A Buna Liner/Neoprene* Cover with Anti-static wire	
Nozzle	Aluminum	
Nozzle Hanger	Aluminum	
Hose Adaptor	Galvanized Steel	
Vacuum Breaker Assembly	Brass/Stainless Steel	
DP(F) Only Models		
Drip Pan Assembly	Cast Iron with Zinc Plated Steel/Brass fittings	

* On Buna Lined hoses, cover may be Neoprene, Buna, or Hypalon at Blackmer's discretion.

IN-LINE (STYLE PA) PUMP BODY PORT CONNECTIONS

PUMP SIZE	STANDARD	OPTIONAL
210A	3/4" NPT	

OPERATING LIMITS

	STANDARD MATERIALS	OPTIONAL MATERIALS
Maximum Temperature	250°F (120°C)	
Minimum Temperature	-25°F (-31°C)	
Maximum Viscosity 210A	2,000 SSU (420 cP)	
Maximum Pressure 210A	10 PSI	

Centipoise (cP) = centistokes (cSt) at fluid specific gravity of 1.0.