



MATERIALS of CONSTRUCTION
Models: Ebsray RC20, RC25, RC40

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Section	551

PART NAME	STANDARD MATERIALS
Body, Cover	Ductile Iron: ASTM A536
Impeller	Bronze
Bearings	Ball , 'Sealed-for-Life'
Shaft	Carbon Steel
O-Rings:	FKM
Mechanical Seals	
Stationary O-Ring	FKM
Stationary Seat	Silicon Carbide
Rotating O-Ring	FKM
Rotating Seal Face	Carbon
Seal Sleeve	Carbon Steel
Seal Cartridge	Ductile Iron: ASTM A536
Seal Spring	Stainless Steel
Coupling Guard	Aluminum
Gage Ports	1/4" NPT Inlet and Discharge

PIPE CONNECTIONS

RC20, RC25	1" NPT Tapped Ports
RC40	NPT and ANSI Class 300 Ports, 1.5 in (inlet) x 1 in (outlet)

OPERATING LIMITS

Maximum Differential Pressure	200 psi (14 Bar) @ 3500 RPM 400 psi (27.5 Bar) in regions where Underwriters Laboratories UL51 applies
Maximum Working Pressure	400 psi (27.6 Bar) for LPG Service (Limited by U.L. and NFPA 58)
Minimum Temperature	-40°F (-40°C)