



# RSD Features and Benefits

RSD	
<b>RSD is the latest updated version of the old PSD which dates from 1974</b> <b>Ideal for ARFF and rear mount applications</b> <b>RSD is available in 750 to 1500 GPM NFPA 1901 ratings (1500 only in engine rotation)</b>	
FEATURES	BENEFIT
Pump designed to give builder the flexibility to design special plumbing 6" VIC inlet x 115 Flange outlet	<i>We offer many tees, wyes, and other fittings in stainless steel</i>
Vertically split body design Mounting holes placed for drop out	<i>Allows pump to be easily removed for rebuilding</i>
Mixed flow bronze impeller design	<i>Efficient and smooth hydraulic design Dynamically balanced Operated up to 350 PSI Up to 2400 GPM from hydrant with sufficient HP Up to 1000 GPM from 4" tank to pump line</i>
No Outboard head required	<i>This allows our design to have only one packing gland or seal, greatly simplifying service/repair issues</i>
Seals	<i>Mechanical seal</i>
Renewable clearance rings	<i>Serviceability</i>
17-4PH Stainless Steel Pump Shaft	<i>Best grade stainless steel available (extra cost on some others)</i>
Gear box with cooling tube and aluminum case	<i>Superior oil temp control</i>
3 position gear box	<i>More flexibility in installation</i>
Helical heat treated gears	<i>Strong and quiet</i>
Hale accessories designed to work with pumps	
Choice of 2 year with labor or 5 year without labor	<i>Other companies do not give you a choice</i>
<b>Comparable pumps: Waterous - CXVK (only up to 1250 GPM); Darley PSP</b>	