

## 5500 SERIES PRODUCT TECHNICAL DATA SHEET

OEM: 5537-1E1-82B  
AFTERMARKET: 90-5537-1E1-82B-SB

**APPLICATION:** Agricultural Chemical and Sprayer application intermittent duty only. This pump is not listed for potable water use.



### **PUMP DESIGN:**

Type: 5 chamber, positive displacement diaphragm  
Maximum Flow: 5.3 GPM [20.05 LPM]  
Fluid Ports: 1/2" FNPT  
Liquid Temp: 140 F [50 C]  
Prime: 14 feet [4.2M]  
Run Dry: Yes  
Pressure Setting: 60 PSI [4.1Bar]  
Label: Remco Label, Part #, Specs, Serial #, MFG date

### **ELECTRICAL:**

Motor: 12 VDC Permanent Magnet, Intermittent duty, Sealed motor  
Voltage Range: 11.5 VDC – 14.5 VDC  
Max Amps: 16 Amps Max at 60 PSI [4.1 Bar]  
Leads: 14 AWG, 5.5" [13.9cm], 2 pin connector  
Fuse: 20 Amp Recommended  
Control: Pressure switch  
Max Temp: 180 F [82 C]  
IP Rating: IP65

### **MATERIALS OF CONSTRUCTION:**

Housings: Polypropylene  
Valves: Viton  
Diaphragm: Santoprene  
Base: Welded  
Hardware: Zinc plated screws

### **AGENCY APPROVALS:**

CE, RoHs

### **SHIPPING INFORMATION:**

Net Weight: 8 lbs [3.63 kg]  
Carton Qty: 6 units  
Carton Weight: 42 lbs [19.05 kg]  
Carton Size: 6" x 22" x 17.75"



PSI	GPM	BAR	LPM	Amperage
0	5.30	0.00	20.06	8.50
10	5.11	0.69	19.34	9.50
20	4.75	1.38	17.98	11.00
30	4.30	2.07	16.28	13.00
40	3.85	2.76	14.57	15.00
50	3.40	3.45	12.87	15.50
60	3.00	4.14	11.36	16.00

## HEAT RISE 5537-1E1-82B

