



U.S. VACUUM PUMPS, LLC

## LRH-200/250/300

BARE SHAFT CONSTRUCTION W/ MECHANICAL SEAL



U.S. VACUUM LRH pumps are Two stage liquid ring vacuum pumps capable of producing a vacuum to 29" Hg . The pumps are available in various materials of construction ( FB = Iron/Bronze, FS = Iron/Stainless steel, SS = All stainless steel ).

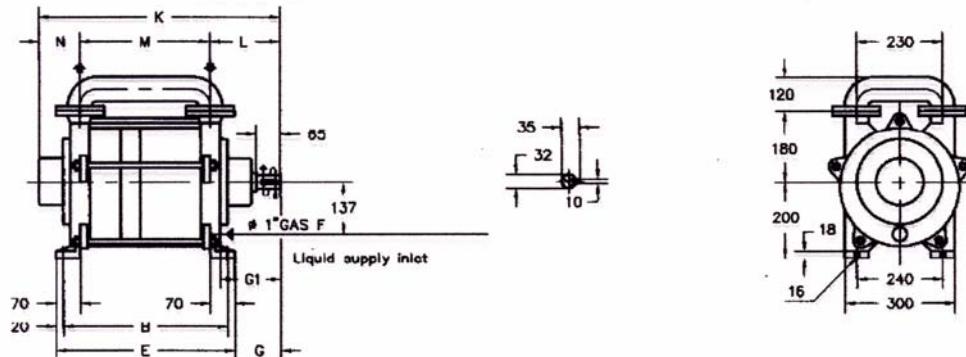
Pumps are provided with threaded connections for service liquid, pump draining, vacuum relief valve and companion flanges. Optional items include inlet check valve, vacuum relief valve, flow control, solenoid valve, vacuum and temperature gauges.

Pumps can also come as completely packaged units using water or water as a seal fluid.

### TECHNICAL DATA

PUMP TYPE		LRH 200	LRH 250	LRH 300
Pumping Capacity (@ 25" Hg)	CFM	198	247	310
Speed	RPM	1750	1750	1750
Motor-Installed power	HP	15	20	25
Average service liquid flow	GPM	8	10	13
Noise level at 60 Torr	db(A)	73	73	74
Minimum suction pressure	Torr	25	25	25

### Dimensions



PUMP TYPE	B	E	M	G	G1	K	L	N	Weight Lbs
LRH 200	419	459	319	146	185	679	216	144	286
LRH 250	479	519	379	146	185	739	216	144	308
LRH 300	519	559	419	146	185	779	216	144	319

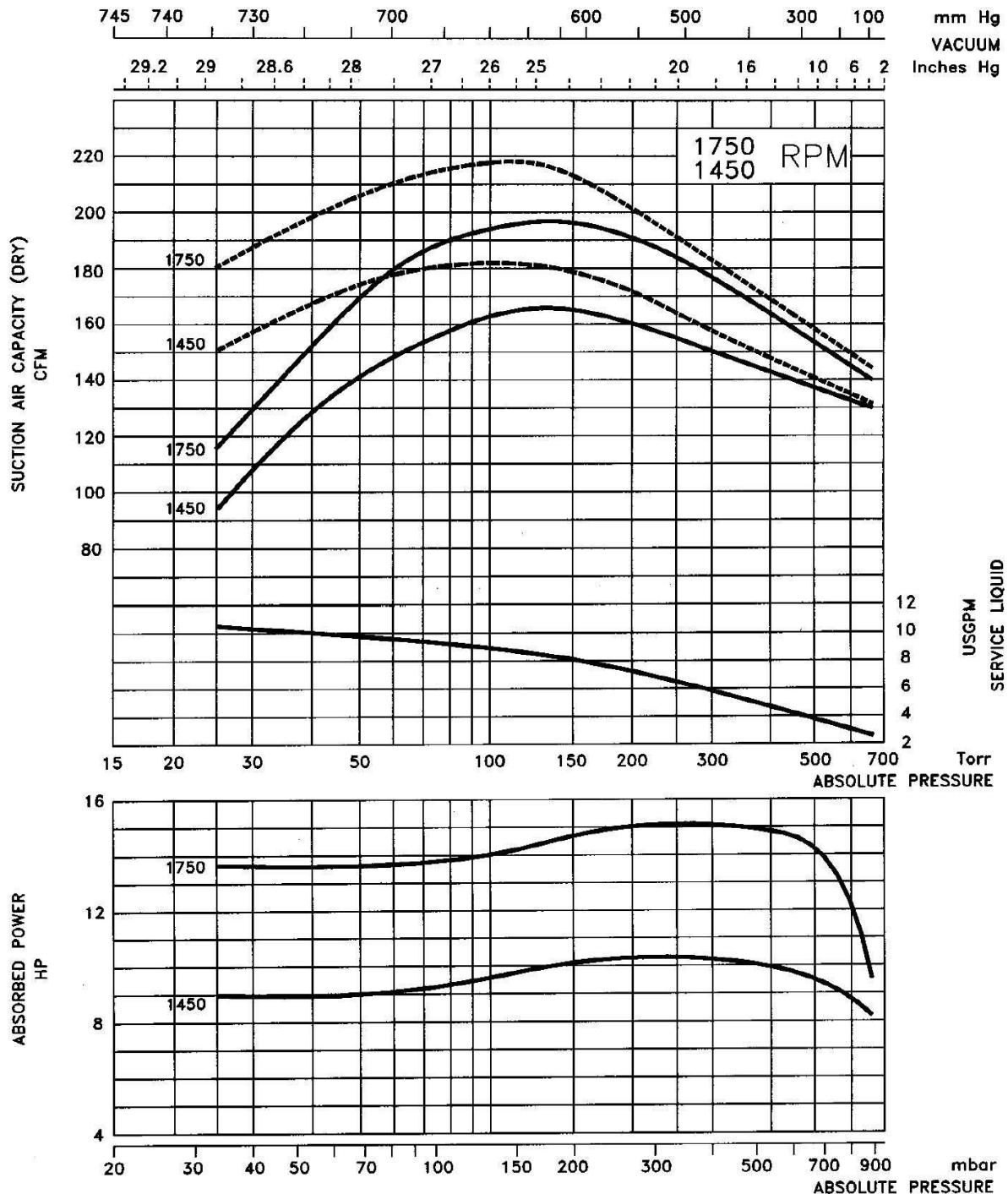
NOTE: Dimensions in mm  
(1" = 25.4 mm)



# U.S. VACUUM

DATA BASED ON :  
DRY AIR AT 68 °F - 20 °C  
SATURATED AIR AT 68 °F - 20 °C  
SERVICE LIQUID WATER  
SERVICE LIQUID TEMPERATURE 59 °F - 15 °C  
DISCHARGE PRESSURE 1013 mbar  
S.S. PUMPS CAPACITY : -10%  
Tol.: 10%

PERFORMANCE DATA  
LIQUID RING VACUUM PUMP  
PUMP MODEL  
LRH 200





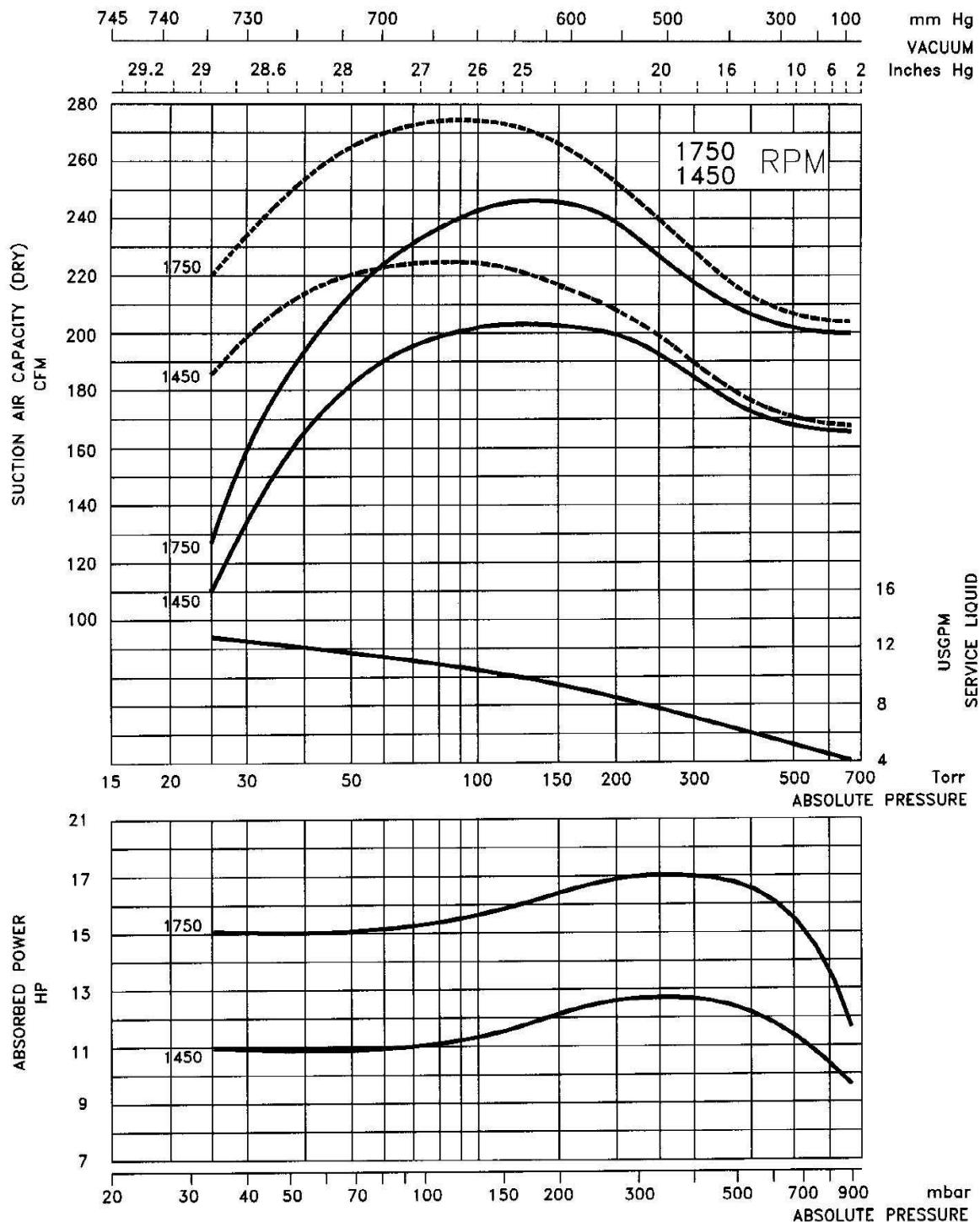
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DATA BASED ON :  
DRY AIR AT 68 °F - 20 °C  
SATURATED AIR AT 68 °F - 20 °C  
SERVICE LIQUID  
SERVICE LIQUID TEMPERATURE  
DISCHARGE PRESSURE

S.S. PUMPS  
CAPACITY : -10%

PERFORMANCE DATA  
LIQUID RING VACUUM PUMP  
PUMP MODEL  
LRH 250

Tol.: 10%





# U.S. VACUUM

DATA BASED ON :  
DRY AIR AT 68 °F - 20 °C  
SATURATED AIR AT 68 °F - 20 °C  
SERVICE LIQUID WATER  
SERVICE LIQUID TEMPERATURE 59 °F - 15 °C  
DISCHARGE PRESSURE 1013 mbar  
S.S. PUMPS CAPACITY : -10%  
Tot.: 10%

PERFORMANCE DATA  
LIQUID RING VACUUM PUMP  
PUMP MODEL  
**LRH 300**

