

Capacity Ratings for Ammonia
Rotary Booster Compressor Model # 11L
Minimun Speed 400 RPM 917 CFM @ 865 RPM

Intermediate Conditions		Suction Temperature & Corresponding Gauge Pressure																												
		-90°F 26,1 " Hg			-80°F 24,3 " Hg			-70°F 21,9 " Hg			-60°F 18,6 " Hg			-50°F 14,3 " Hg			-40°F 8,7 " Hg			-30°F 1,6 " Hg			-20°F 3,6 psig			-10°F 9,0 psig				
Temp °F	Press psig	Low Stage Tons	Low Stage BHP	High Stage Tons	Low Stage Tons	Low Stage BHP	High Stage Tons	Low Stage Tons	Low Stage BHP	High Stage Tons	Low Stage Tons	Low Stage BHP	High Stage Tons	Low Stage Tons	Low Stage BHP	High Stage Tons	Low Stage Tons	Low Stage BHP	High Stage Tons	Low Stage Tons	Low Stage BHP	High Stage Tons	Low Stage Tons	Low Stage BHP	High Stage Tons	Low Stage Tons	Low Stage BHP	High Stage Tons		
-60°F	18,6"Hg	16,5	25	18,5	23,5	19,5	25																							
-50°F	14,3"Hg	15,5	27	18,5	22,5	22	25,5	32,5	20,5	35																				
-40°F	8,7"Hg	14,5	29,5	18,5	21	26	25	30,5	25	35	44	24	47	65	24	67														
-30°F	1,6"Hg	13,5	35,5	18	20	31,5	25	29,5	29,5	34,5	42,5	29,5	47	62	29,5	66,5	88	24,5	91											
-20°F	3,6	12,5	42,5	17,5	19	38,5	25	29	38	34,5	40,5	37	47	59,5	37,5	66	84	37,5	90,5	115	37,5	120								
-10°F	9,0	11,5	55	17,5	18	51	24,5	27	49,5	34,5	38	49,5	46	56,5	49,5	65	81	49,5	89,5	111	49,5	119	145	49,5	150					
0°F	15,7							25,5	64,5	34,5	36	62	45,5	54	61,5	64,5	77	61,5	87,5	106	61,5	117	140	61,5	148					
10°F	23,8													51	78	64	73	78	86	101	78	115	135	78	147	173	78	182		
20°F	33,5													50	96,5	63	65	96	84,5	96	96	113	129	96	145	164	96	180		
30°F	45,0																65	121	82,5	81,5	121	111	123	121	143	158	121	184		