

# PolySep Sizing Chart

Performance Data		Compressor Capacity												
Model	Screw Compressors										Reciprocating Compressors			
	Polyglycol		Mineral Oil		Synthetic Oil		PAO		Ester		Mineral Oil		Diester	
	cfm	m <sup>3</sup> /min	cfm	m <sup>3</sup> /min	cfm	m <sup>3</sup> /min	cfm	m <sup>3</sup> /min	cfm	m <sup>3</sup> /min	cfm	m <sup>3</sup> /min	cfm	m <sup>3</sup> /min
PSG-7	60	2	60	2	60	2	60	2	60	2	60	2	60	2
	60	2	60	2	60	2	60	2	60	2	60	2	60	2
	60	2	60	2	60	2	60	2	60	2	60	2	60	2
PSG-15	175	5	850	24	640	18	850	24	640	18	425	12	361	10
	175	5	450	13	340	10	450	13	340	10	225	6	191	5
	175	5	290	8	215	6	290	8	215	6	145	4	123	3
PSG-30	390	11	1,700	48	1,275	36	1,700	48	1,275	36	850	24	723	20
	390	11	900	25	685	19	900	25	685	19	450	13	383	11
	390	11	575	16	430	12	575	16	430	12	288	8	244	7
PSG-60	750	21	3,400	96	2,550	72	3,400	96	2,550	72	1,700	48	1,445	41
	750	21	1,800	51	1,370	39	1,800	51	1,370	39	900	25	765	22
	750	21	1,150	33	860	24	1,150	33	860	24	575	16	489	14
PSG-90	950	27	5,100	144	3,825	108	5,100	144	3,825	108	2,550	72	2,168	61
	950	27	2,700	76	2,050	58	2,700	76	2,050	58	1,350	38	1,148	32
	950	27	1,725	49	1,300	37	1,725	49	1,300	37	863	24	733	21
PSGK-120 not shown	1,500	42	6,800	193	5,100	144	6,800	193	5,100	144	3,400	96	2,890	82
	1,500	42	3,600	102	2,740	78	3,600	102	2,740	78	1,800	51	1,530	43
	1,500	42	2,300	65	1,725	49	2,300	65	1,725	49	1,150	33	978	28
PSGK-180 not shown	1,900	54	10,200	289	7,650	217	10,200	289	7,650	217	5,100	144	4,335	123
	1,900	54	5,400	153	4,100	116	5,400	153	4,100	116	2,700	76	2,295	65
	1,900	54	3,450	98	2,600	74	3,450	98	2,600	74	1,725	49	1,466	42

■ Cold Climate: 60°F (16°C), 60% RH   
 ■ Mild Climate: 80°F (27°C), 60% RH   
 ■ Hot Climate: 90°F (32°C), 70% RH

Select product size based on worst case ambient conditions for the location.