

TABLES FOR SUCTION PUMPS SELECTION

Max. suction capacity generated by a corresponding electric pump	Max. vacuum generated by a corresponding electric pump							
	-0.1 bar (g)	-0.2 bar (g)	-0.3 bar (g)	-0.4 bar (g)	-0.5 bar (g)	-0.6 bar (g)	-0.7 bar (g)	-0.8 bar (g)
	-10 KPa	-20 KPa	-30 KPa	-40 KPa	-50 KPa	-60 KPa	-70 KPa	-80 KPa
10 cum/h	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40
15 cum/h	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40	PA 70
20 cum/h	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40	PA 70	PA 70
25 cum/h	PA 40	PA 40	PA 40	PA 40	PA 40	PA 70	PA 70	PA 70
30 cum/h	PA 40	PA 40	PA 40	PA 40	PA 70	PA 70	PA 70	PA 100
40 cum/h	PA 40	PA 70	PA 70	PA 70	PA 70	PA 100	PA 100	PA 140
60 cum/h	PA 70	PA 70	PA 70	PA 70	PA 100	PA 140	PA 140	PA 170
80 cum/h	PA 100	PA 100	PA 100	PA 100	PA 140	PA 140	PA 170	PA 200
100 cum/h	PA 100	PA 100	PA 100	PA 100	PA 140	PA 170	PA 200	PA 250
120 cum/h	PA 140	PA 140	PA 140	PA 140	PA 170	PA 200	PA 250	PA 300
140 cum/h	PA 140	PA 140	PA 140	PA 140	PA 200	PA 250	PA 300	-- --
160 cum/h	PA 170	PA 170	PA 170	PA 200	PA 250	PA 300	-- --	-- --
180 cum/h	PA 170	PA 170	PA 200	PA 250	PA 300	-- --	-- --	-- --
200 cum/h	PA 200	PA 200	PA 200	PA 250	PA 300	-- --	-- --	-- --
250 cum/h	PA 250	PA 300	PA 300	PA 300	-- --	-- --	-- --	-- --
300 cum/h	PA 300	PA 300	PA 300	-- --	-- --	-- --	-- --	-- --

E.g.: To replace an electric pump with a capacity of 80 cum/h and a residual vacuum of 0.6 bar (g).

Cross the line "80 cum/h" with the column "0.6 bar (g)" column in the table. At the intersection point, you will find that PA 140 is the ideal pump for the replacement.

TABLES FOR BLOWING PUMPS SELECTION

Max. blowing capacity generated by a corresponding electric pump	Max. overpressure generated by a corresponding electric pump							
	+0.1 bar (g)	+0.2 bar (g)	+0.3 bar (g)	+0.4 bar (g)	+0.5 bar (g)	+0.6 bar (g)	+0.7 bar (g)	+0.8 bar (g)
	+10 KPa	+20 KPa	+30 KPa	+40 KPa	+50 KPa	+60 KPa	+70 KPa	+80 KPa
25 cum/h	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40
30 cum/h	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40
40 cum/h	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40
60 cum/h	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70
80 cum/h	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70
100 cum/h	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70	PS 100	PS 100
120 cum/h	PS 100	PS 100	PS 100	PS 100	PS 100	PS 100	PS 100	PS 100
140 cum/h	PS 100	PS 100	PS 100	PS 100	PS 100	PS 100	PS 100	PS 140
160 cum/h	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140
180 cum/h	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140
200 cum/h	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140	PS 170	PS 170
250 cum/h	PS 200	PS 200	PS 200	PS 200	PS 200	PS 250	PS 250	PS 250
300 cum/h	PS 250	PS 250	PS 250	PS 250	PS 250	PS 300	PS 300	PS 300
350 cum/h	PS 300	PS 300	PS 300	PS 300	PS 300	PS 300	PS 300	PS 300
400 cum/h	PS 300	PS 300	PS 300	PS 300	PS 300	PS 300	-- --	-- --

E.g.: To replace an electric pump with a capacity of 80 cum/h and an overpressure of 0.6 bar (g).

Cross the line "80 cum/h" with the column "0.6 bar (g)" column in the table. At the intersection point, you will find that PS 70 is the ideal pump for the replacement.