



## TABLE FOR PNEUMATIC SUCTION PUMP SELECTION

Maximum suction flow rate generated by a corresponding electric pump	Maximum vacuum generated by a corresponding electric pump							
	-0.1 bar -10 KPa	-0.2 bar -20 KPa	-0.3 bar -30 KPa	-0.4 bar -40 KPa	-0.5 bar -50 KPa	-0.6 bar -60 KPa	-0.7 bar -70 KPa	-0.8 bar -80 KPa
10 m <sup>3</sup> /h	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40
15 m <sup>3</sup> /h	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40	PA 70
20 m <sup>3</sup> /h	PA 40	PA 40	PA 40	PA 40	PA 40	PA 40	PA 70	PA 70
25 m <sup>3</sup> /h	PA 40	PA 40	PA 40	PA 40	PA 40	PA 70	PA 70	PA 70
30 m <sup>3</sup> /h	PA 40	PA 40	PA 40	PA 40	PA 70	PA 70	PA 70	PA 100
40 m <sup>3</sup> /h	PA 40	PA 70	PA 70	PA 70	PA 70	PA 100	PA 100	PA 140
60 m <sup>3</sup> /h	PA 70	PA 70	PA 70	PA 70	PA 100	PA 140	PA 140	PA 170
80 m <sup>3</sup> /h	PA 100	PA 100	PA 100	PA 100	PA 140	PA 140	PA 170	PA 200
100 m <sup>3</sup> /h	PA 100	PA 100	PA 100	PA 100	PA 140	PA 170	PA 200	PA 250
120 m <sup>3</sup> /h	PA 140	PA 140	PA 140	PA 140	PA 170	PA 200	PA 250	PA 300
140 m <sup>3</sup> /h	PA 140	PA 140	PA 140	PA 140	PA 200	PA 250	PA 300	--
160 m <sup>3</sup> /h	PA 170	PA 170	PA 170	PA 200	PA 250	PA 300	--	--
180 m <sup>3</sup> /h	PA 170	PA 170	PA 200	PA 250	PA 300	--	--	--
200 m <sup>3</sup> /h	PA 200	PA 200	PA 200	PA 250	PA 300	--	--	--
250 m <sup>3</sup> /h	PA 250	PA 300	PA 300	PA 300	--	--	--	--
300 m <sup>3</sup> /h	PA 300	PA 300	PA 300	--	--	--	--	--

Example: We need to replace an electric pump with a flow rate of 80 m<sup>3</sup>/h and a residual vacuum of -0.6 bar.

In the table, cross the "80 m<sup>3</sup>/h" line with the "-0.6 bar" column. At the intersection of the line with the column, you will find that PA 140 will be the ideal pump for replacement.

## TABLE FOR PNEUMATIC BLOWING PUMP SELECTION

Maximum blowing flow rate generated by a corresponding electric pump	Maximum overpressure generated by a corresponding electric pump							
	0.1 bar 10 KPa	0.2 bar 20 KPa	0.3 bar 30 KPa	0.4 bar 40 KPa	0.5 bar 50 KPa	0.6 bar 60 KPa	0.7 bar 70 KPa	0.8 bar 80 KPa
25 m <sup>3</sup> /h	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40
30 m <sup>3</sup> /h	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40
40 m <sup>3</sup> /h	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40	PS 40
60 m <sup>3</sup> /h	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70
80 m <sup>3</sup> /h	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70
100 m <sup>3</sup> /h	PS 70	PS 70	PS 70	PS 70	PS 70	PS 70	PS 100	PS 100
120 m <sup>3</sup> /h	PS 100	PS 100	PS 100	PS 100	PS 100	PS 100	PS 100	PS 100
140 m <sup>3</sup> /h	PS 100	PS 100	PS 100	PS 100	PS 100	PS 100	PS 100	PS 140
160 m <sup>3</sup> /h	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140
180 m <sup>3</sup> /h	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140
200 m <sup>3</sup> /h	PS 140	PS 140	PS 140	PS 140	PS 140	PS 140	PS 170	PS 170
250 m <sup>3</sup> /h	PS 200	PS 200	PS 200	PS 200	PS 200	PS 250	PS 250	PS 250
300 m <sup>3</sup> /h	PS 250	PS 250	PS 250	PS 250	PS 250	PS 300	PS 300	PS 300
350 m <sup>3</sup> /h	PS 300	PS 300	PS 300	PS 300	PS 300	PS 300	PS 300	PS 300
400 m <sup>3</sup> /h	PS 300	PS 300	PS 300	PS 300	PS 300	PS 300	--	--

Example: We need to replace an electric pump with a flow rate of 80 m<sup>3</sup>/h and an overpressure of 0.6 bar.

In the table, cross the "80 m<sup>3</sup>/h" line with the "0.6 bar" column. At the intersection of the line with the column, you will find that PS 70 will be the ideal pump for replacement.