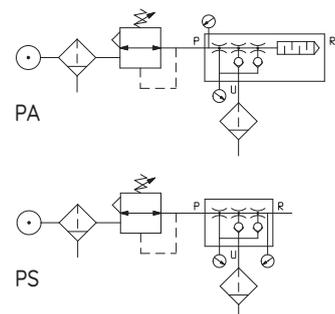
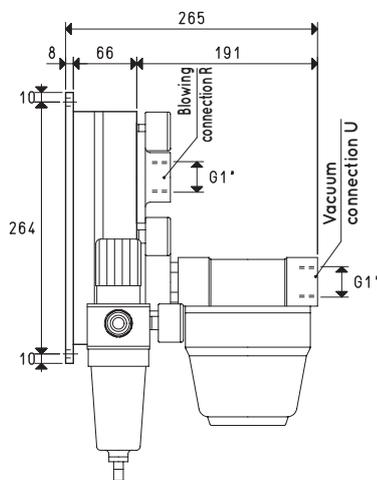
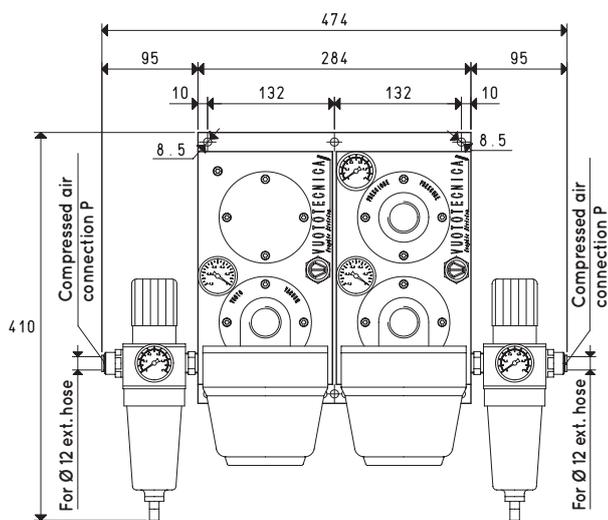




COMBINED PNEUMATIC SUCTION PUMPS PA AND BLOWING PUMPS PS PA 40 ÷ 100 WITH PS 40 ÷ 100

All the pneumatic suction and blowing pumps previously described can be combined regardless of their suction or blowing flow rate.
Given the enormous number of possible combinations, for space reasons, this catalogue only describes combinations of pumps with the same size.



Item		PA 40					
Supply pressure	bar	1	2	3	4	5	6
Maximum level of vacuum	-KPa	14	30	46	65	82	90
Air consumption	NI/s	1.0	1.5	2.0	2.3	2.7	3.2
Intake air flow rate	m ³ /h	15	23	30	36	39	42
Weight	Kg	6.2					
Item		PA 70					
Supply pressure	bar	1	2	3	4	5	6
Maximum level of vacuum	-KPa	14	30	46	65	82	90
Air consumption	NI/s	2.0	3.0	4.1	4.9	5.7	6.6
Intake air flow rate	m ³ /h	29	47	58	65	73	80
Weight	Kg	6.2					
Item		PA 100					
Supply pressure	bar	1	2	3	4	5	6
Maximum level of vacuum	-KPa	14	30	46	65	82	90
Air consumption	NI/s	3.0	4.6	6.2	7.2	8.5	9.8
Intake air flow rate	m ³ /h	28	57	75	88	98	108
Weight	Kg	6.2					
Operating temperature	°C	-20 / +60					

Item		PS 40					
Supply pressure	bar	1	2	3	4	5	6
Maximum blowing pressure	-KPa	0.1	0.2	0.3	0.5	0.7	0.8
Air consumption	NI/s	1.0	1.5	2.0	2.3	2.7	3.2
Blown air flow rate	m ³ /h	18	28	37	44	48	53
Weight	Kg	6.3					
Item		PS 70					
Supply pressure	bar	1	2	3	4	5	6
Maximum blowing pressure	-KPa	0.1	0.2	0.3	0.5	0.7	0.8
Air consumption	NI/s	2.0	3.0	4.1	4.9	5.7	6.6
Blown air flow rate	m ³ /h	36	57	72	83	93	104
Weight	Kg	6.3					
Item		PS 100					
Supply pressure	bar	1	2	3	4	5	6
Maximum blowing pressure	-KPa	0.1	0.2	0.3	0.5	0.7	0.8
Air consumption	NI/s	3.0	4.6	6.2	7.2	8.5	9.8
Blown air flow rate	m ³ /h	38	73	97	114	129	144
Weight	Kg	6.3					
Operating temperature	°C	-20 / +60					

NOTE: All vacuum values indicated in the table are valid at the normal atmospheric pressure of 1013 mbar and obtained with a constant supply pressure.

Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard ISO 8573-1 class 4.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

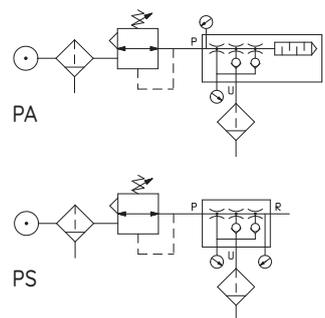
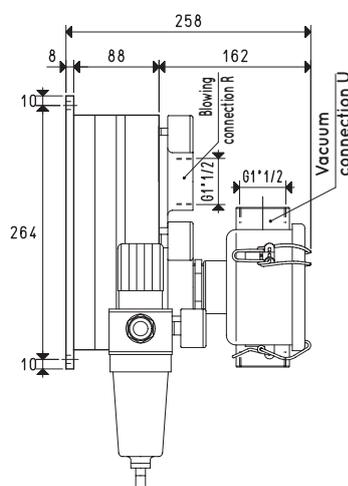
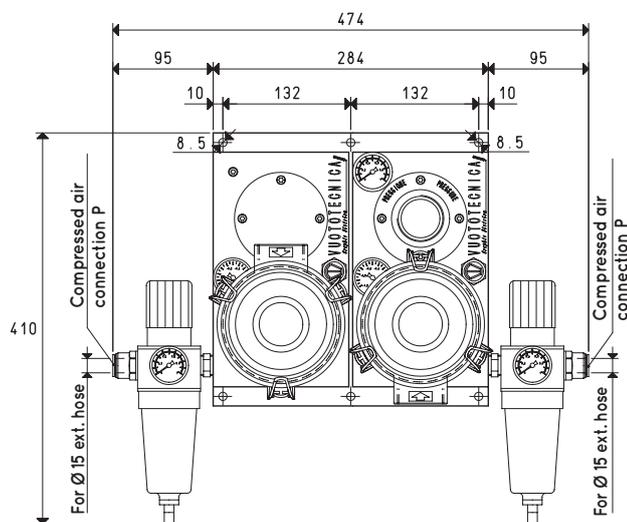
inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

Adapters for GAS - NPT threading available on page 1.134



COMBINED PNEUMATIC SUCTION PUMPS PA AND BLOWING PUMPS PS PA 140 ÷ 200 WITH PS 140 ÷ 200

3D drawings are available on vuotecnica.net



Item		PA 140					
Supply pressure	bar	1	2	3	4	5	6
Maximum level of vacuum	-KPa	15	35	55	70	85	90
Air consumption	NI/s	4.1	6.2	8.3	9.6	11.4	13.0
Intake air flow rate	m ³ /h	45	80	106	125	140	152
Weight	Kg	7.2					
Item		PA 170					
Supply pressure	bar	1	2	3	4	5	6
Maximum level of vacuum	-KPa	15	35	55	70	85	90
Air consumption	NI/s	5.1	7.7	10.3	12.1	14.2	16.3
Intake air flow rate	m ³ /h	53	98	128	150	168	182
Weight	Kg	7.2					
Item		PA 200					
Supply pressure	bar	1	2	3	4	5	6
Maximum level of vacuum	-KPa	15	35	55	70	85	90
Air consumption	NI/s	6.0	9.1	12.2	14.2	16.9	19.4
Intake air flow rate	m ³ /h	60	110	142	170	188	200
Weight	Kg	7.2					
Operating temperature	°C	-20 / +60					

Item		PS 140					
Supply pressure	bar	1	2	3	4	5	6
Maximum blowing pressure	-KPa	0.1	0.2	0.3	0.5	0.7	0.8
Air consumption	NI/s	4.1	6.2	8.3	9.6	11.4	13.0
Blown air flow rate	m ³ /h	59	102	135	160	181	199
Weight	Kg	7.3					
Item		PS 170					
Supply pressure	bar	1	2	3	4	5	6
Maximum blowing pressure	-KPa	0.1	0.2	0.3	0.5	0.7	0.8
Air consumption	NI/s	5.1	7.7	10.3	12.1	14.2	16.3
Blown air flow rate	m ³ /h	71	125	165	194	219	240
Weight	Kg	7.3					
Item		PS 200					
Supply pressure	bar	1	2	3	4	5	6
Maximum blowing pressure	-KPa	0.1	0.2	0.3	0.5	0.7	0.8
Air consumption	NI/s	6.0	9.1	12.2	14.2	16.9	19.4
Blown air flow rate	m ³ /h	81	142	185	221	249	270
Weight	Kg	7.3					
Operating temperature	°C	-20 / +60					

NOTE: All vacuum values indicated in the table are valid at the normal atmospheric pressure of 1013 mbar and obtained with a constant supply pressure.

Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard ISO 8573-1 class 4.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

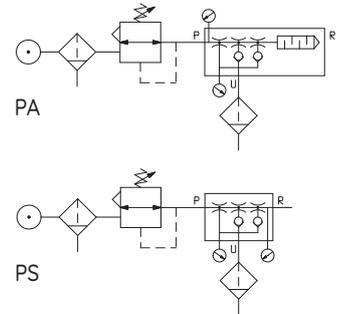
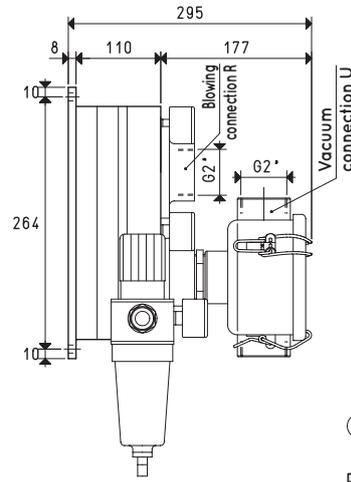
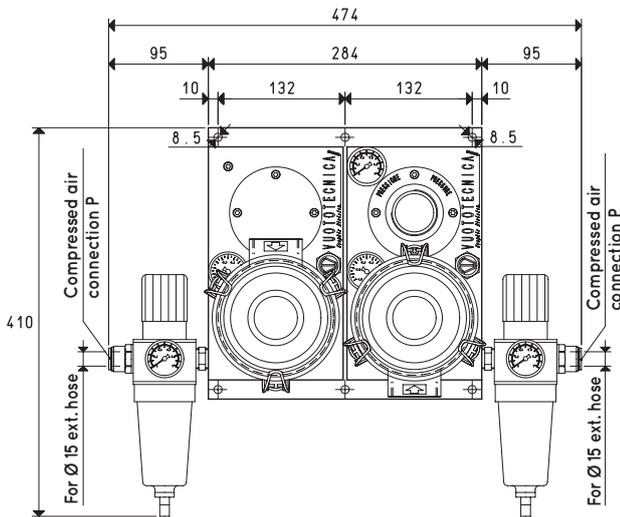
inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

Adapters for GAS - NPT threading available on page 1.134

COMBINED PNEUMATIC SUCTION PUMPS PA AND BLOWING PUMPS PS PA 250 ÷ 300 WITH PS 250 ÷ 300



3D drawings are available on vuototecnica.net



Item		PA 250					
Supply pressure	bar	1	2	3	4	5	6
Maximum level of vacuum	-KPa	15	35	55	70	85	90
Air consumption	NI/s	7.5	11.2	15.0	17.3	20.7	24.0
Intake air flow rate	m ³ /h	100	145	190	224	252	280
Weight	Kg	8.1					
Item		PA 300					
Supply pressure	bar	1	2	3	4	5	6
Maximum level of vacuum	-KPa	15	35	55	70	85	90
Air consumption	NI/s	9.0	13.5	18.1	20.4	24.8	29.0
Intake air flow rate	m ³ /h	106	160	213	240	290	320
Weight	Kg	8.1					
Operating temperature	°C	-20 / +60					

Item		PS 250					
Supply pressure	bar	1	2	3	4	5	6
Maximum blowing pressure	-KPa	0.1	0.2	0.3	0.5	0.7	0.8
Air consumption	NI/s	7.5	11.2	15.0	17.3	20.7	24.0
Blown air flow rate	m ³ /h	127	185	244	286	327	366
Weight	Kg	8.2					
Item		PS 300					
Supply pressure	bar	1	2	3	4	5	6
Maximum blowing pressure	-KPa	0.1	0.2	0.3	0.5	0.7	0.8
Air consumption	NI/s	9.0	13.5	18.1	20.4	24.8	29.0
Blown air flow rate	m ³ /h	138	208	278	313	379	424
Weight	Kg	8.2					
Operating temperature	°C	-20 / +60					

NOTE: All vacuum values indicated in the table are valid at the normal atmospheric pressure of 1013 mbar and obtained with a constant supply pressure.

Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard ISO 8573-1 class 4.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

Adapters for GAS - NPT threading available on page 1.134