



# AIRBEST

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AIRBEST Website



AIRBEST Wechat

# AIRBEST



Vacuum Solutions Supplier

2021



## Make Smart Go Together

AIRBEST was established in 2006, engaged in R&D, manufacturing and sales of vacuum gripping products (vacuum generator, vacuum suction cups and vacuum grippers, etc).

Products are used in different industries, mainly includes intelligent manufacturing, automotive metal press, packaging, woodworking, industrial robots, foods, pharmaceuticals, electronics, etc.

We pay attention to the practical application of products, quality-orientation and innovation first. So far we acquired many patents.

AIRBEST constantly serves customers and makes improvements, contributes our professional technology in vacuum gripping field.

Appreciate for your attention and support to AIRBEST.



### Negative pressure conversion table

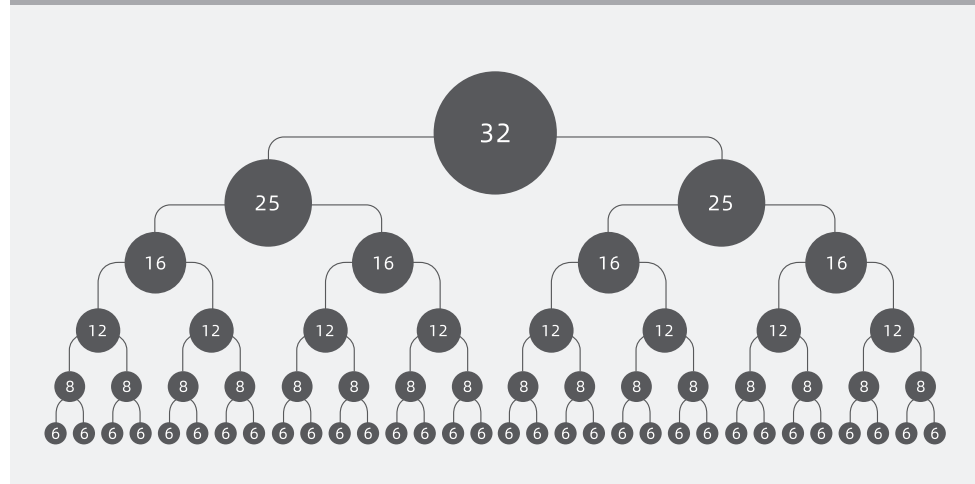
	mbar	kPa	-kPa	%vacuum	torr	-mmHg	-inHg
Atmospheric pressure	1,013	101.3	0	0	760	0	0
	913	91.3	10	9.9	685	75	3
	813	81.3	20	19.7	610	150	6
	713	71.3	30	29.6	535	225	9
	613	61.3	40	39.5	460	300	12
	513	51.3	50	49.3	385	375	15
	413	41.3	60	59.2	310	450	18
	313	31.3	70	69.1	235	525	21
	213	21.3	80	79	160	600	24
	113	11.3	90	89	85	675	27
Absolute vacuum	0	0	101.3	100	0	760	30

### Flow conversion table

	m <sup>3</sup> /s	m <sup>3</sup> /h	NL/min	NL/s	ft <sup>3</sup> /min(scfm)
1 m <sup>3</sup> /s	1	3,600	60,000	1,000	2,118.9
1 m <sup>3</sup> /h	0.28×10 <sup>-3</sup>	1	16.6667	0.2778	0.5885
1 NL/min	16.67×10 <sup>-6</sup>	0.06	1	0.0167	0.035
1 NL/s	1×10 <sup>-3</sup>	3.6	60	1	2.1189
1 ft <sup>3</sup> /min	0.472×10 <sup>-3</sup>	1.6992	28.32	0.4720	1

Flow: Air volume flows through specified cross section per unit time

### Layout of hoses





Common application (for reference):

- ◇ The diameter mentioned above, for hoses dia.≤16mm means outer diameter; dia. > 16mm, means inner diameter.
- ◇ The hoses layout above is for reference only, please consider the actual application.

<p><b>AZK Series Integrated Vacuum Generator</b></p> <p><b>NEW</b></p>  <p><b>RoHS</b></p>	<table border="1"> <thead> <tr> <th>Model</th> <th>Max.vacuum level(-kPa)</th> <th>Max.vacuum flow(NL/min)</th> </tr> </thead> <tbody> <tr> <td>AZK-S</td> <td>74</td> <td>44</td> </tr> <tr> <td>AZK-X</td> <td>91</td> <td>41</td> </tr> <tr> <td>AZK-P</td> <td>88</td> <td>40</td> </tr> <tr> <td>AZK-L</td> <td>90</td> <td>68</td> </tr> </tbody> </table>	Model	Max.vacuum level(-kPa)	Max.vacuum flow(NL/min)	AZK-S	74	44	AZK-X	91	41	AZK-P	88	40	AZK-L	90	68	<p><b>AGS Series Vacuum Generator</b></p> <p><b>C type</b></p>  <table border="1"> <thead> <tr> <th>Model</th> <th>Max.vacuum level(-kPa)</th> <th>Max.vacuum flow(NL/min)</th> </tr> </thead> <tbody> <tr> <td>AGS-C-S02-2</td> <td>75</td> <td>16.8</td> </tr> <tr> <td>AGS-C-X2.5-2</td> <td>90</td> <td>17.2</td> </tr> <tr> <td>AGS-C-T05-2</td> <td>84</td> <td>19.5</td> </tr> </tbody> </table>	Model	Max.vacuum level(-kPa)	Max.vacuum flow(NL/min)	AGS-C-S02-2	75	16.8	AGS-C-X2.5-2	90	17.2	AGS-C-T05-2	84	19.5									
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<p><b>AMC Series Multistage Vacuum Generator</b></p>  <p><b>RoHS</b></p>	<table border="1"> <thead> <tr> <th>Model</th> <th>Max.vacuum level(-kPa)</th> <th>Max.vacuum flow(NL/min)</th> </tr> </thead> <tbody> <tr> <td>AMC25L</td> <td>75</td> <td>360</td> </tr> <tr> <td>AMC50L</td> <td>75</td> <td>710</td> </tr> <tr> <td>AMC75L</td> <td>75</td> <td>1,050</td> </tr> <tr> <td>AMC100L</td> <td>75</td> <td>1,410</td> </tr> <tr> <td>AMC125L</td> <td>75</td> <td>1,500</td> </tr> <tr> <td>AMC150L</td> <td>75</td> <td>1,690</td> </tr> <tr> <td>AMC25H</td> <td>95</td> <td>354</td> </tr> <tr> <td>AMC50H</td> <td>95</td> <td>700</td> </tr> <tr> <td>AMC75H</td> <td>95</td> <td>980</td> </tr> <tr> <td>AMC100H</td> <td>95</td> <td>1,380</td> </tr> <tr> <td>AMC125H</td> <td>95</td> <td>1,480</td> </tr> <tr> <td>AMC150H</td> <td>95</td> <td>1,650</td> </tr> </tbody> </table>	Model	Max.vacuum level(-kPa)	Max.vacuum flow(NL/min)	AMC25L	75	360	AMC50L	75	710	AMC75L	75	1,050	AMC100L	75	1,410	AMC125L	75	1,500	AMC150L	75	1,690	AMC25H	95	354	AMC50H	95	700	AMC75H	95	980	AMC100H	95	1,380	AMC125H	95	1,480	AMC150H	95	1,650	<p><b>ABM/ABX Series Mini Combined Type Vacuum Generator</b></p> 	<table border="1"> <thead> <tr> <th>Model</th> <th>Max.vacuum level(-kPa)</th> <th>Max.vacuum flow(NL/min)</th> </tr> </thead> <tbody> <tr> <td>ABM5×1</td> <td>85</td> <td>25</td> </tr> <tr> <td>ABM10×1</td> <td>85</td> <td>32</td> </tr> <tr> <td>ABX5×1</td> <td>92</td> <td>23</td> </tr> <tr> <td>ABX10×1</td> <td>92</td> <td>32</td> </tr> </tbody> </table>	Model	Max.vacuum level(-kPa)	Max.vacuum flow(NL/min)	ABM5×1	85	25	ABM10×1	85	32	ABX5×1	92	23	ABX10×1	92	32
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<p><b>SBA Series</b> 1.5 Bellows Suction Cup</p>  <p>RoHS</p>	<table border="1"> <thead> <tr> <th>Model</th> <th>Material/Hardness</th> </tr> </thead> <tbody> <tr> <td>SBA6 SBA27</td> <td>N - NBR 55</td> </tr> <tr> <td>SBA11 SBA33</td> <td>WS - White silicone 50</td> </tr> <tr> <td>SBA14 SBA43</td> <td>HD - High temp/Mark free 60</td> </tr> <tr> <td>SBA16 SBA53</td> <td>NR - Natural rubber 40</td> </tr> <tr> <td>SBA20 SBA63</td> <td></td> </tr> <tr> <td>SBA22 SBA78</td> <td></td> </tr> <tr> <td>SBA25</td> <td></td> </tr> </tbody> </table>	Model	Material/Hardness	SBA6 SBA27	N - NBR 55	SBA11 SBA33	WS - White silicone 50	SBA14 SBA43	HD - High temp/Mark free 60	SBA16 SBA53	NR - Natural rubber 40	SBA20 SBA63		SBA22 SBA78		SBA25		<p><b>SFK Series</b> Flat Suction Cup Special for Rough Surface Objects</p> <p>NEW</p>  <p>RoHS</p>	<table border="1"> <thead> <tr> <th>Model</th> <th>Material/Hardness</th> </tr> </thead> <tbody> <tr> <td>SFK110</td> <td>E - EPDM 20</td> </tr> <tr> <td>SFK160</td> <td></td> </tr> <tr> <td>SFK200</td> <td></td> </tr> <tr> <td>SFK250</td> <td></td> </tr> </tbody> </table>	Model	Material/Hardness	SFK110	E - EPDM 20	SFK160		SFK200		SFK250			
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<p><b>STP Series</b> Ultra-thin Flower-Shaped Suction Cup</p>  <p>RoHS</p>	<table border="1"> <thead> <tr> <th>Model</th> <th>Material/Hardness</th> </tr> </thead> <tbody> <tr> <td>STP35</td> <td>S - Silicone 50</td> </tr> <tr> <td>STP60</td> <td>WS - White silicone 35</td> </tr> </tbody> </table>	Model	Material/Hardness	STP35	S - Silicone 50	STP60	WS - White silicone 35	<p><b>SFU Series</b> Big Flat Suction Cup</p>  <p>RoHS</p>	<table border="1"> <thead> <tr> <th>Model</th> <th>Material/Hardness</th> </tr> </thead> <tbody> <tr> <td>SFU100 SFU250</td> <td>N - NBR 55</td> </tr> <tr> <td>SFU125 SFU250H</td> <td>WS - White silicone 60</td> </tr> <tr> <td>SFU160 SFU300</td> <td></td> </tr> <tr> <td>SFU210 SFU360H</td> <td></td> </tr> <tr> <td>SFU210H SFU400</td> <td></td> </tr> </tbody> </table>	Model	Material/Hardness	SFU100 SFU250	N - NBR 55	SFU125 SFU250H	WS - White silicone 60	SFU160 SFU300		SFU210 SFU360H		SFU210H SFU400											
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<p><b>SP3 Series Flat (U) Suction Cup</b></p> <p><b>NEW</b></p>  <p>RoHS</p>	<table border="1"> <thead> <tr> <th>Model</th> <th>Material/Hardness</th> </tr> </thead> <tbody> <tr> <td>SP3U1.5</td> <td>N - NBR <b>55</b></td> </tr> <tr> <td>SP3U2</td> <td>WS - White silicone <b>50</b></td> </tr> <tr> <td>SP3U3.5</td> <td>CN - Conductive NBR <b>55</b></td> </tr> <tr> <td></td> <td>CS - Conductive silicone <b>55</b></td> </tr> </tbody> </table>	Model	Material/Hardness	SP3U1.5	N - NBR <b>55</b>	SP3U2	WS - White silicone <b>50</b>	SP3U3.5	CN - Conductive NBR <b>55</b>		CS - Conductive silicone <b>55</b>	<p><b>SBF Series 1.5 Bellows Suction Cup Special for Metal Sheet</b></p> 	<table border="1"> <thead> <tr> <th>Model</th> <th>Material/Hardness</th> </tr> </thead> <tbody> <tr> <td>SBF30</td> <td>U - PU <b>70</b></td> </tr> <tr> <td>SBF40</td> <td></td> </tr> <tr> <td>SBF50</td> <td></td> </tr> <tr> <td>SBF60</td> <td></td> </tr> <tr> <td>SBF80</td> <td></td> </tr> <tr> <td>SBF100</td> <td></td> </tr> </tbody> </table>	Model	Material/Hardness	SBF30	U - PU <b>70</b>	SBF40		SBF50		SBF60		SBF80		SBF100							
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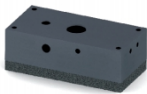


<p><b>SFM Series</b> Flat Suction Cup Special for Oily Metal Sheet</p> 	<table border="1"> <thead> <tr> <th>Model</th> <th>Material/Hardness</th> </tr> </thead> <tbody> <tr> <td>SFM30 SFM80</td> <td>U - PU <span style="color: blue;">70</span></td> </tr> <tr> <td>SFM40 SFM100</td> <td></td> </tr> <tr> <td>SFM50 SFM120</td> <td></td> </tr> <tr> <td>SFM60</td> <td></td> </tr> </tbody> </table>	Model	Material/Hardness	SFM30 SFM80	U - PU <span style="color: blue;">70</span>	SFM40 SFM100		SFM50 SFM120		SFM60		<p><b>SDM Series</b> Flat Suction Cup Special for Metal Sheet</p> 	<table border="1"> <thead> <tr> <th>Model</th> <th>Material/Hardness</th> </tr> </thead> <tbody> <tr> <td>SDM100</td> <td>U - PU <span style="color: blue;">70</span></td> </tr> </tbody> </table>	Model	Material/Hardness	SDM100	U - PU <span style="color: blue;">70</span>										
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<p><b>SPA Series</b> Thin Lip Flat Suction Cup</p>  <p>RoHS</p>	<p><b>Model</b>      <b>Material/Hardness</b></p>	<p><b>SPC Series</b> Bellows Suction Cup</p>  <p>RoHS</p>	<p><b>Model</b>      <b>Material/Hardness</b></p>
	<p>SPA10A SPA20B    N - NBR      55</p> <p>SPA10B SPA25A    WS - White silicone    50</p> <p>SPA15A SPA30A    CN - Conductive NBR    55</p> <p>SPA15B SPA30B    CS - Conductive silicone    55</p> <p>SPA15D SPA40A</p> <p>SPA15X SPA50A</p> <p>SPA20A</p>		<p>SPC3    SPC20    N - NBR      55</p> <p>SPC5    SPC25    WS - White silicone    50</p> <p>SPC7    SPC30    CN - Conductive NBR    55</p> <p>SPC10   SPC40    CS - Conductive silicone    55</p> <p>SPC12   SPC60</p> <p>SPC15   SPC90</p> <p>SPC18</p>
<p><b>SNP Series</b> Rectangular Foam Rubber Cup</p> 	<p><b>Model</b>      <b>Material/Hardness</b></p>	<p><b>SOP Series</b> Circular Foam Rubber Cup</p> 	<p><b>Model</b>      <b>Material/Hardness</b></p>
	<p>SNP50×135    NF - Neoprene foam rubber    55</p> <p>SNP60×135    OF - Geranium foam rubber    55</p> <p>SNP75×107</p> <p>SNP68×290</p> <p>SNP140×290</p>		<p>SOP40 SOP127    NF - Neoprene foam rubber    55</p> <p>SOP64 SOP180    OF - Geranium foam rubber    55</p> <p>SOP92 SOP220</p>












**Special Vacuum Grippers**



<p><b>SLG Series</b> Magnetic Gripper</p> <p>NEW</p> 	<p><b>Model</b>      <b>Connection thread</b>      <b>Air supply pressure range(bar)</b></p>	<p><b>SNC Series</b> Needle Gripper</p> <p>NEW</p> 	<p><b>Model</b>      <b>Air consumption (NL/min)</b>      <b>Air supply pressure range(bar)</b></p>
	<p>SLG20 SLG30-H    G1/8 female    3.5~6.0</p> <p>SLG30 SLG40-H    G1/4 female</p> <p>SLG40 SLG50-H</p> <p>SLG50</p>		<p>SNC4      55      4.0~6.0</p> <p>SNC10     65      4.0~6.0</p>
<p><b>SNT Series</b> Non-contact Suction Cup</p> 	<p><b>Model</b>      <b>Body material</b>      <b>Cusion material</b></p>	<p><b>SLB Series</b> Thin Lip Flow Gripper</p> 	<p><b>Model</b>      <b>Max. Vacuum level(-kPa)</b>      <b>Max. Vacuum flow(NL/min)</b></p>
	<p>SNT20 SNT60    Aluminum alloy    N - NBR</p> <p>SNT30 SNT100    PK - PEEK</p> <p>SNT40 SNT120</p>		<p>SLB30-M10    16      680-690</p> <p>SLB50-M10    16      680-690</p> <p>SLB50-M20    4.5     1,070-1,315</p>
<p><b>SLP Series</b> Flow Gripper</p> 	<p><b>Model</b>      <b>Max. Vacuum level(-kPa)</b>      <b>Max. Vacuum flow(NL/min)</b></p>	<p><b>SLW Series</b> Wafer Gripper</p> 	<p><b>Model</b>      <b>Max. Vacuum level(-kPa)</b>      <b>Max. Vacuum flow(NL/min)</b></p>
	<p>SLP40-M10    11      320-450</p> <p>SLP60-M10    11      330-550</p> <p>SLP60-M20    4.5     970-1,195</p>		<p>SLW100-M10    11      330-460</p> <p>SLW115-M10    11      400-430</p> <p>SLW146-M10    11      410-440</p> <p>SLW170-M10    11      350-490</p> <p>SLW120-M15    4.5     370-460</p> <p>SLW150-M15    4.5     370-460</p> <p>SLW180-M15    4.5     370-460</p>
<p><b>SLF Series</b> Matrix Gripper</p> 	<p><b>Model</b>      <b>Vacuum source</b></p>	<p><b>SLF Series</b> Matrix Gripper</p> 	<p><b>Model</b>      <b>Max. Vacuum level(-kPa)</b>      <b>Max. Vacuum flow(NL/min)</b></p>
	<p>SLF140      External blower</p> <p>SLF180</p> <p>SLF140W     External large flow vacuum generator</p> <p>SLF180W</p>		<p>SLF180X      80      250</p> <p>SLF180S      58      242</p>

<b>TXN Series Vacuum Gripper-Mini Type</b>		<b>TXH Series Vacuum Gripper-Heavy Load Type</b>		<b>Model</b>	<b>Adsorbing surface type</b>	<b>Vacuum source</b>
	<b>Model</b>	<b>Vacuum type</b>		TXH500×700	A - Sponge	Vacuum generator
	TXN22×38-A	Without vacuum generator		TXH800×1000	B - Suction cup	External blower
	TXN22×76-A	Without vacuum generator		TXH1100×1300		
	<b>Model</b>	<b>Max. Vacuum level(-kPa)</b>	<b>Max. Vacuum flow(NL/min)</b>	<b>Model</b>	<b>Adsorbing surface type</b>	<b>Vacuum source</b>
	TXN15×76-B	85	40	TXL200×300	A - Sponge	Vacuum generator
	TXN15×90-B	88	140	TXL200×400	B - Suction cup	External blower
	TXN27×90-B	88	140	TXL300×300		
	<b>Model</b>	<b>Max. Vacuum level(-kPa)</b>	<b>Max. Vacuum flow(NL/min)</b>	<b>Model</b>	<b>Adsorbing surface type</b>	<b>Max. Vacuum flow(NL/min)</b>
	TXN60×120-A	85	150	TXC130×400	A - Sponge	710
<b>TXD Series Vacuum Gripper-Light Load Type</b> 	<b>Model</b>	<b>Max. Vacuum level(-kPa)</b>	<b>Max. Vacuum flow(NL/min)</b>	TXC130×600	B - Suction cup	1,050
	TXD80	H - 95	H - 170	TXC130×800		1,410
	TXD100	L - 75	L - 180	TXC130×1000		1,760
	TXD120			TXC130×1200		2,100
				TXC130×1400		2,460
<b>TXP Series Vacuum Gripper-Oval Shaped</b> 	<b>Model</b>	<b>Vacuum source</b>		<b>Model</b>	<b>Adsorbing surface type</b>	<b>Vacuum source</b>
	TXP190×290-A	External blower		TXM130×400	A - Sponge	External blower
	TXP230×380-A	External blower		TXM130×600	B - Suction cup	
				TXM130×800		
				TXM130×1000		
				TXM130×1200		
				TXM130×1400		









**Mounting Parts**






<b>PSPD Series Double Spring Heavy-duty Type Level Compensator</b> 	<b>Model</b>	<b>Buffer Stroke (mm)</b>	<b>Mounting thread</b>	<b>PSPE Series Small and Light Level Compensator</b> 	<b>Model</b>	<b>Buffer Stroke (mm)</b>	<b>Mounting thread</b>
	PSPD-E25G2M-M20	25	M20		PSPE-I6LA6M5M-M8	6 25	M8
	PSPD-E50G2M-M20	50	M30		PSPE-I6BA6M5M-M8	10 30	M10
	PSPD-E50G3M-M30	90			PSPE-I10M5M-M10	15 40	M14
	PSPD-E90G4M-M30				PSPE-I10RM5M-M10	20 50	
<b>PJE Series Universal Mounting Parts-Flexible joint</b> 	<b>Model</b>	<b>Max.deflection</b>		<b>PSPH Series Heavy-duty Type Level Compensator</b> 	<b>Model</b>	<b>Buffer Stroke (mm)</b>	<b>Mounting thread</b>
	PJE-G2F-M10M	12°			PSPH-E25G2M-M20	25	M20
	PJE-G2F-G2M				PSPH-E50G2M-M20	50	M30
	PJE-G2M-G2M				PSPH-E25G3M-M30	75	
	PJE-G4F-G4M				PSPH-E50G3M-M30	90	
	PJE-G4M-G4M				PSPH-E75G4M-M30		
				PSPH-E90G4M-M30			

<p><b>PSPT Series Universal Level Compensator</b></p> 	<table border="1"> <thead> <tr> <th>Model</th> <th>Buffer Stroke (mm)</th> <th>Mounting thread</th> </tr> </thead> <tbody> <tr> <td>PSPT-I10G1M-M16</td> <td>10</td> <td>M16</td> </tr> <tr> <td>PSPT-I10G2M-M18</td> <td>20</td> <td>M18</td> </tr> <tr> <td>PSPT-I10G2F-M18</td> <td>30</td> <td></td> </tr> <tr> <td>PSPT-I10G3M-M18</td> <td>50</td> <td></td> </tr> <tr> <td>PSPT-I10G3F-M18</td> <td></td> <td></td> </tr> <tr> <td>PSPT-E60G2M-M18</td> <td>60 75</td> <td>M18</td> </tr> <tr> <td>PSPT-E60G3M-M18</td> <td>90 110</td> <td></td> </tr> </tbody> </table>	Model	Buffer Stroke (mm)	Mounting thread	PSPT-I10G1M-M16	10	M16	PSPT-I10G2M-M18	20	M18	PSPT-I10G2F-M18	30		PSPT-I10G3M-M18	50		PSPT-I10G3F-M18			PSPT-E60G2M-M18	60 75	M18	PSPT-E60G3M-M18	90 110		<p><b>PJS Series Fitting for Suction Cup</b></p> 	<table border="1"> <thead> <tr> <th>Model</th> <th>Suction cup connection</th> <th>Special Specification</th> </tr> </thead> <tbody> <tr> <td>PJS-G1M-SF1</td> <td>SF(1-3)</td> <td>EW - Built-in mesh filter</td> </tr> <tr> <td>PJS-G1F-SF1</td> <td>SC(1-6)</td> <td>EH - Built-in mesh filter+</td> </tr> <tr> <td>PJS-M5M-SC2</td> <td>ST(1-8)</td> <td>Throttle valve</td> </tr> <tr> <td>PJS-M5M-ST2</td> <td></td> <td></td> </tr> </tbody> </table>	Model	Suction cup connection	Special Specification	PJS-G1M-SF1	SF(1-3)	EW - Built-in mesh filter	PJS-G1F-SF1	SC(1-6)	EH - Built-in mesh filter+	PJS-M5M-SC2	ST(1-8)	Throttle valve	PJS-M5M-ST2		
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<p><b>PSPF Series Compact Level Compensator</b></p> 	<table border="1"> <thead> <tr> <th>Model</th> <th>Buffer Stroke (mm)</th> <th>Mounting thread</th> </tr> </thead> <tbody> <tr> <td>PSPF-E4B6M5F-M11</td> <td>4</td> <td>M11</td> </tr> <tr> <td>PSPF-E4LB6M5F-M11</td> <td>6</td> <td>M14</td> </tr> <tr> <td>PSPF-E6B6M5F-M14</td> <td>10</td> <td>M16</td> </tr> <tr> <td>PSPF-E6LB6M5F-M14</td> <td>15</td> <td></td> </tr> <tr> <td>PSPF-E6B6M8-M14</td> <td>30</td> <td></td> </tr> <tr> <td>PSPF-E6LB6M8-M14</td> <td></td> <td></td> </tr> <tr> <td>PSPF-E10LR1M10M-M16</td> <td></td> <td></td> </tr> </tbody> </table>	Model	Buffer Stroke (mm)	Mounting thread	PSPF-E4B6M5F-M11	4	M11	PSPF-E4LB6M5F-M11	6	M14	PSPF-E6B6M5F-M14	10	M16	PSPF-E6LB6M5F-M14	15		PSPF-E6B6M8-M14	30		PSPF-E6LB6M8-M14			PSPF-E10LR1M10M-M16			<p><b>PJT Series Universal Mounting Parts-Adapter</b></p> 	<table border="1"> <thead> <tr> <th>Equal diameter double thread model</th> <th>Different diameter male and female thread model</th> <th>Different diameter female and male thread model</th> </tr> </thead> <tbody> <tr> <td>PJT-M5F</td> <td>PJT-M5M-M8M</td> <td>PJT-M5M-M8F</td> </tr> <tr> <td>PJT-G1F</td> <td>PJT-G1M-G2M</td> <td>PJT-G1M-G2F</td> </tr> <tr> <td>PJT-M5M</td> <td>PJT-G2M-G3M</td> <td>PJT-G2M-G3F</td> </tr> <tr> <td>PJT-G1M</td> <td>PJT-G3M-G4M</td> <td>PJT-G3M-G4F</td> </tr> </tbody> </table>	Equal diameter double thread model	Different diameter male and female thread model	Different diameter female and male thread model	PJT-M5F	PJT-M5M-M8M	PJT-M5M-M8F	PJT-G1F	PJT-G1M-G2M	PJT-G1M-G2F	PJT-M5M	PJT-G2M-G3M	PJT-G2M-G3F	PJT-G1M	PJT-G3M-G4M	PJT-G3M-G4F
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PJT-G1M	PJT-G3M-G4M	PJT-G3M-G4F																																								
<p><b>PSPL Series Retractive Level Compensator</b></p> <p><b>NEW</b></p> 	<table border="1"> <thead> <tr> <th>Model</th> <th>Buffer Stroke (mm)</th> <th>Mounting thread</th> </tr> </thead> <tbody> <tr> <td>PSPL-I10M5F-M10</td> <td>10</td> <td>M10</td> </tr> <tr> <td>PSPL-I15M5F-M10</td> <td>15</td> <td></td> </tr> <tr> <td>PSPL-I20M5F-M10</td> <td>20</td> <td></td> </tr> </tbody> </table>	Model	Buffer Stroke (mm)	Mounting thread	PSPL-I10M5F-M10	10	M10	PSPL-I15M5F-M10	15		PSPL-I20M5F-M10	20		<p><b>PJH Series Universal Mounting Parts-Universal Holder</b></p> 	<table border="1"> <thead> <tr> <th>Model</th> <th>Length of connecting rod</th> <th>Max. deflection</th> </tr> </thead> <tbody> <tr> <td>PJH-1A80</td> <td>80</td> <td>15°</td> </tr> <tr> <td>PJH-2A80</td> <td>100</td> <td></td> </tr> <tr> <td>PJH-1B80</td> <td>140</td> <td></td> </tr> <tr> <td>PJH-2B80</td> <td>200</td> <td></td> </tr> </tbody> </table>	Model	Length of connecting rod	Max. deflection	PJH-1A80	80	15°	PJH-2A80	100		PJH-1B80	140		PJH-2B80	200													
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<p><b>PTK Series Stainless Steel Hose Clamp</b></p> <p><b>NEW</b></p> 	<table border="1"> <thead> <tr> <th>Model</th> <th>Width mm</th> <th>Thickness mm</th> </tr> </thead> <tbody> <tr> <td>PTK-18-32 PTK-40-64</td> <td>12</td> <td>0.68</td> </tr> <tr> <td>PTK-21-38 PTK-44-67</td> <td></td> <td></td> </tr> <tr> <td>PTK-21-44 PTK-46-70</td> <td></td> <td></td> </tr> <tr> <td>PTK-27-51 PTK-52-76</td> <td></td> <td></td> </tr> <tr> <td>PTK-33-57</td> <td></td> <td></td> </tr> </tbody> </table>	Model	Width mm	Thickness mm	PTK-18-32 PTK-40-64	12	0.68	PTK-21-38 PTK-44-67			PTK-21-44 PTK-46-70			PTK-27-51 PTK-52-76			PTK-33-57			<p><b>PDA Series Universal Block Plug</b></p> <p><b>NEW</b></p> 	<table border="1"> <thead> <tr> <th>Countersunk head seal</th> <th>Horizontal seal</th> <th>Connection thread</th> </tr> </thead> <tbody> <tr> <td>PDA-I-M5M</td> <td>PDA-L-M5M</td> <td>M5M</td> </tr> <tr> <td>PDA-I-G1M</td> <td>PDA-L-G1M</td> <td>G1M</td> </tr> <tr> <td>PDA-I-G2M</td> <td>PDA-L-G2M</td> <td>G2M</td> </tr> <tr> <td>PDA-I-G3M</td> <td>PDA-L-G3M</td> <td>G3M</td> </tr> <tr> <td>PDA-I-G4M</td> <td>PDA-L-G4M</td> <td>G4M</td> </tr> </tbody> </table>	Countersunk head seal	Horizontal seal	Connection thread	PDA-I-M5M	PDA-L-M5M	M5M	PDA-I-G1M	PDA-L-G1M	G1M	PDA-I-G2M	PDA-L-G2M	G2M	PDA-I-G3M	PDA-L-G3M	G3M	PDA-I-G4M	PDA-L-G4M	G4M			
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<b>PJP Series Universal One-touch Fitting</b> 	Model	Hose specification	Connection thread	<b>PJQ Series Universal Pagoda Fitting</b> 	Model	Hose specification	Connection thread		
		PJP-I	φ4		M5×0.8 Male thread		PJQ-B6-M5M	φ6	M5×0.8 male thread
		PJP-L	φ6		G1/8 Male thread		PJQ-B8-G1M	φ8	G1/8 male thread
		PJP-LT	φ8		G1/4 Male thread		PJQ-B10-G2M	φ10	G1/4 male thread
		PJP-T	φ10		G3/8 Male thread		PJQ-B12-G3M	φ12	G1/2 male thread
		PJP-QT	φ12		G1/2 Male thread		PJQ-B19-G4M	φ19	G3/4 male thread
		φ14			PJQ-B19-G6M	φ19	G1 male thread		
					PJQ-B25-G6M	φ25			
					PJQ-B25-G8M	φ25			
					PJQ-B32-G8M	φ32			

**Vacuum Accessories**

<b>ZFA Series Universal Vacuum Filter</b> 	Model	Operating pressure range(MPa)	Flow(NL/min)		<b>ZFE Series Small Vacuum Filter</b> 	Model	Operating pressure range(kPa)	Nominal flow (NL/min)		
		ZFA54B	-0.1~0.8	40		10		ZFE-02B	-100~0.0	2
		ZFA56B	-0.1~0.8	130		75		ZFE-03B		7
		ZFA76B	-0.1~0.8	140		80		ZFE-04B		10
		ZFA78B	-0.1~0.8	280		110				
		ZFA710B	-0.1~0.8	320		120				
		ZFA712B	-0.1~0.8	370		140				
<b>ZFD Series Mini Type Vacuum Filter</b> 	Model	Operating pressure range(kPa)	Nominal flow (NL/min)		<b>ZVD Series Touch Valve</b> 	Model	Start-up elasticity N			
		ZFD04	-100.0-0.0	27			ZVD-G2M	5		
		ZFD06	-100.0-0.0	49			ZVD-G4M	6.6		
<b>ZFL Series Inline Vacuum Filter</b> 	Model	Operating pressure range(kPa)	Nominal flow (NL/min)		<b>ZVRM Series Check Valve</b> 	Model	Overflow port diameter(mm)			
		ZFL06	-100.0-0.0	25			ZVRM03-M5M	φ0.3		
		ZFL10	-100.0-0.0	220			ZVRM05-M5M	φ0.5		
							ZVRM07-M5M	φ0.7		
							ZVRM05-G1M	φ0.5		
							ZVRM07-G1M	φ0.7		
						ZVRM10-G1M	φ1.0			
<b>ZVAA Series Pneumatic Control Valve</b> 	Model	Air supply pressure(bar)	Output function		<b>ZVCM Series Check Valve</b> 	Model	Connection thread to vacuum generator			
		ZVAA-G1F	3.5~7.0	NO			ZVCM-M5F	M5 Female thread		
		ZVAA-G2F	3.5~7.0	NO			ZVCM-G1F	G1/8 Female thread		

<b>ZVEA Series Electric Control Valve</b> 	<b>Model</b> ZVEA-G1F ZVEA-G2F	<b>Air supply pressure(bar)</b> 3.5~7.0 3.5~7.0	<b>Output function</b> NC NC	<b>ZFB Series Universal Vacuum Filter</b> 	<b>Model</b> ZFB10B ZFB15B ZFB20B ZFB25B ZFB40B	<b>Operating pressure range(kPa)</b> -100.0~0.0 -100.0~0.0 -100.0~0.0 -100.0~0.0 -100.0~0.0	<b>Nominal flow(NL/min)</b> 150 900 900 2,520 5,100	
	<b>Model</b> ZVAC-NO	<b>Air supply pressure(bar)</b> 1.0~8.0	<b>Control mode</b> Pneumatic control		<b>ZFP Series Big Flow Vacuum Filter</b> 	<b>Model</b> ZFP30 ZFP40 ZFP100 ZFP120 ZFP300	<b>Operating pressure range(kPa)</b> -100.0~0.0 -100.0~0.0 -100.0~0.0 -100.0~0.0 -100.0~0.0	<b>Nominal flow(m<sup>3</sup>/H)</b> 32 42 100 120 300
	<b>Model</b> ZVAB-NC ZVAB-NO	<b>Air supply pressure(bar)</b> 1.5~8.0 1.5~8.0	<b>Signal range(-kPa)</b> 15~95 10~95			<b>Model</b> ZPMR-P ZPMR-V	<b>Pressure range</b> 0~1MPa -100~0kPa	<b>Connection Thread</b> NPT1/8 Male thread G1/8 Male thread
<b>Model</b> ZVR04-M5F ZVR05-G1F ZVR06-G2F ZVR10-G3F ZVR12-G4F	<b>ZVR04-M5M</b> <b>ZVR05-G1M</b> <b>ZVR06-G2M</b> <b>ZVR10-G3M</b> <b>ZVR12-G4M</b>	<b>Overflow port diameter(mm)</b> φ0.4 φ0.5 φ0.6 φ1.0 φ1.2	<b>ZVS Series Fast Blow-off Valve</b> 	<b>Model</b> ZVS-G1F ZVS-G2F		<b>Air supply pressure range(bar)</b> 3.0~7.0bar 3.0~7.0bar	<b>Air supply port connection thread</b> G1/8 Female thread G1/4 Female thread	
<b>Model</b> ZVT25-G1M ZVT40-G1M ZVT60-G1M ZVT80-G1M ZVT100-G1M ZVT120-G1M - -	<b>ZVT40-G2M</b> <b>ZVT60-G2M</b> <b>ZVT80-G2M</b> <b>ZVT100-G2M</b> <b>ZVT120-G2M</b> <b>ZVT150-G2M</b> <b>ZVT200-G2M</b>	<b>Overflow port diameter(mm)</b> φ0.25 φ0.4 φ0.6 φ0.8 φ1.0 φ1.2 φ1.5 φ2.0		<b>ZSA Series Silencer</b> 	<b>Model</b> ZSA-G1M ZSA-G2M ZSA-G3M ZSA-G4M ZSA-G6M ZSA-G8M	<b>Connection Thread</b> G1M - G1/8 Male thread G2M - G1/4 Male thread G3M - G3/8 Male thread G4M - G1/2 Male thread G6M - G3/4 Male thread G8M - G1" Male thread		
<b>Model</b> ZPDT-CNV-R1M ZPDT-CPV-R1M ZPDT-PNV-R1M ZPDT-PPV-R1M	<b>Pressure type</b> C - Compound (-100.0~100.0kPa) P - Positive (-0.100~1.000MPa)				<b>Model</b> ZPDE-CN-R1M ZPDE-PN-R1M	<b>Pressure type</b> C - Compound (-100.0~100.0kPa) P - Positive (-0.100~1.000MPa)		
<b>Model</b> ZPDE-CN-R1M ZPDE-PN-R1M	<b>Output type</b> NV - 1NPN+1Analog voltage output (1-5V) PV - 1PNP+1Analog voltage output (1-5V)		<b>Output type</b> N - 1NPN					