

# PICOLINO

**Do More with Less, it Matters to You**

- High flow to size ratio ■
- Extremely low pulsation ■
- Precise/stable flow output ■
- Very low sound and vibration ■
- Corrosion resistant exterior ■
- Class F motor insulation ■
- Integral filtration system ■
- Connector and silencer supplier ■  
(PRV on DTEs)
- Accessories and Service Kits available ■
- IP54 (AC) IP55 (DC) protection class ■
- Easily serviced in the field ■



Meet **PICOLINO** - A platform of rotary vane vacuum pumps and compressors by Thomas that is reshaping the rotary vane landscape. Built to last. Born to perform. Designed to simplify your work. More with less, because it really does matter.

## IDEAL FOR MEDICAL DEVICES / LAB & LIFE SCIENCE APPLICATIONS



Anaerobic Cell Culture Systems



Centrifuge



Medical Endoscopy



Lab Automation / Instrumentation Equipment



Hematology

## IT MATTERS TO YOU

- ✓ Precise/stable flow output
- ✓ Extremely low pulsation
- ✓ High flow to size ratio
- ✓ Very low sound/vibration
- ✓ Agency approved units
- ✓ Customizable/Eng. Supported

For more details, please visit [www.gd-thomas.com](http://www.gd-thomas.com) or click on datasheet hyperlink [here](#)

# Finding the right rotary vane pump for your mission critical requirements is as easy as 1, 2, 3, 4...

- 1** Select needed flow
- 2** Select motor option
- 3** Select vacuum or pressure
- 4** Order by phone, +1 920 457 4891 or online at [www.gd-thomas.com](http://www.gd-thomas.com)

Find the corresponding model number and features that make PICOLINO the right choice for you and your application requirements.

FLOW	MOTOR OPTION	100-115/50/60/1		230/50/60/1		200-255/346-440/50/3 200-277/346-480/60/3		24V DC	
		Application Requirements	Vacuum	Pressure	Vacuum	Pressure	Vacuum	Pressure	Vacuum
<b>2.5 cfm</b>	<b>Thomas Model Number</b>	<b>25130111</b>	<b>25140211</b>	<b>25130110</b>	<b>25140210</b>	<b>25130113</b>	<b>25140213</b>	<b>25130172</b>	<b>25140272</b>
	Description	VTE 3	DTE 3	VTE 3	DTE 3	VTE 3	DTE 3	VTE 3	DTE 3
	Open Flow (cfm)	2.0/2.5	2.0/2.5	2.0/2.5	2.0/2.5	2.0/2.5	2.0/2.5	2.0	2.0
	Max. Cont. Vacuum Operation ("Hg)	25	N/A	25	N/A	25	N/A	25	NA
	Max. Cont. Pressure Operation (psi)	N/A	11.5	N/A	14.5	N/A	14.5	N/A	14.5
	Current consumption (A)	2.7/2.9	2.7 / 2.9	1.3/1.4	1.3/1.4	1.1/0.7 1.0/0.6	1.1/0.7 1.0/0.6	10.5	10.5
	Average Sound Level (dB(A))	55/57	57/58	57/55	57/58	57/55	57/58	62	64
	Operating Temperature Range (°F)	32 to 122	32 to 122	32 to 122	32 to 122	32 to 122	32 to 122	32 to 122	32 to 122
	Size - L x W x H (in.)	8.2 x 6.2 x 6.0	8.2 x 6.2 x 6.0	8.2 x 6.2 x 6.0	8.2 x 6.2 x 6.0	8.2 x 6.2 x 6.0	8.2 x 6.2 x 6.0	8.3 x 6.4 x 6.2	8.3 x 6.4 x 6.2
	Weight (lbs)	14.3	14.3	14.3	14.3	14.3	14.3	17.4	17.4
	Motor Protection Class	IP54	IP54	IP54	IP54	IP54	IP54	IP55	IP55
Unit Agency Certification	cURus	cURus	cURus, CE	cURus, CE	CE	CE	None	None	

<b>4.2 cfm</b>	<b>Thomas Model Number</b>	<b>25160120</b>	<b>25170220</b>	<b>25160112</b>	<b>25170212</b>	<b>25160114</b>	<b>25170214</b>	-	-
	Description	VTE 6	DTE 6	VTE 6	DTE 6	VTE 6	DTE 6		
	Open Flow (cfm)	3.5 / 4.2	3.5 / 4.2	3.5 / 4.2	3.5 / 4.2	3.5 / 4.2	3.5 / 4.2		
	Max. Cont. Vacuum Operation ("Hg)	25	N/A	25	N/A	25	N/A		
	Max. Cont. Pressure Operation (psi)	N/A	14.5	N/A	14.5	N/A	14.5		
	Current consumption (A)	5.0/5.2	2.7/2.9	2.3/2.5	1.3/1.4	1.4/0.8 1.6/0.9	1.1/0.7 1.0/0.6		
	Average Sound Level (dB(A))	57/59	57/58	57/55	57/58	57/55	57/59		
	Operating Temperature Range (°F)	32 to 122	32 to 122	32 to 122	32 to 122	32 to 122	32 to 122		
	Size - L x W x H (in.)	8.8 x 6.2 x 6.2	8.8 x 6.2 x 6.2	8.8 x 6.2 x 6.2	8.8 x 6.2 x 6.2	8.8 x 6.2 x 6.2	8.8 x 6.2 x 6.2		
	Weight (lbs)	16.5	16.5	16.5	16.5	16.5	16.5		
	Motor Protection Class	IP54	IP54	IP54	IP54	IP54	IP54		
Unit Agency Certification	cURus	cURus	cURus, CE	cURus, CE	CE	CE	NO LONGER AVAILABLE	NO LONGER AVAILABLE	

<b>5.6 cfm</b>	<b>Thomas Model Number</b>	<b>23630126</b>	<b>23660226</b>	<b>23630125</b>	<b>23660225</b>	<b>23630127</b>	<b>23660227</b>	<b>23630173</b>	<b>23660273</b>
	Description	VTE 8	DTE 8	VTE 8	DTE 8	VTE 8	DTE 8	VTE 8	DTE 8
	Open Flow (cfm)	4.7/5.6	4.7/5.6	4.7/5.6	4.7/5.6	4.7/5.6	4.7/5.6	4.7/5.6	4.7/5.6
	Max. Cont. Vacuum Operation ("Hg)	25	N/A	25	N/A	25	N/A	25	NA
	Max. Cont. Pressure Operation (psi)	N/A	11.5	N/A	11.5	N/A	14.5	N/A	14.5
	Current consumption (A)	9.0/8.4	9.0/8.4	3.9/3.4	3.9/3.4	2.8/1.6 2.3/1.3	2.8/1.6 2.3/1.3	21.0	21.0
	Average Sound Level (dB(A))	59/61	62/63	59/61	62/63	59/61	62/63	66	64
	Operating Temperature Range (°F)	32 to 122	32 to 122	32 to 122	32 to 122	32 to 122	32 to 122	32 to 122	32 to 122
	Size - L x W x H (in.)	9.9 x 6.2 x 6.2	9.9 x 6.2 x 6.2	9.9 x 6.2 x 6.2	9.9 x 6.2 x 6.2	9.9 x 6.2 x 6.2	9.9 x 6.2 x 6.2	10.0 x 6.4 x 6.6	10.0 x 6.4 x 6.6
	Weight (lbs)	17.6	17.6	17.6	17.6	17.6	17.6	20.3	20.3
	Motor Protection Class	IP54	IP54	IP54	IP54	IP54	IP54	IP55	IP55
Unit Agency Certification	cURus	cURus	cURus, CE	cURus, CE	cURus, CE	cURus, CE	None	None	

<b>7.0 cfm</b>	<b>Thomas Model Number</b>	<b>27740126</b>	<b>27750226</b>	<b>27740125</b>	<b>27750225</b>	<b>27740127</b>	<b>27750227</b>	<b>27740174</b>	<b>27750274</b>
	Description	VTE 10	DTE 10	VTE 10	DTE 10	VTE 10	DTE 10	VTE 10	DTE 10
	Open Flow (cfm)	5.9/7.0	5.9/7.0	5.9/7.0	5.9/7.0	5.9/7.0	5.9/7.0	5.9	5.9
	Max. Cont. Vacuum Operation ("Hg)	25	N/A	25	N/A	25	N/A	25	NA
	Max. Cont. Pressure Operation (psi)	N/A	11.5	N/A	11.5	N/A	14.5	N/A	14.5
	Current consumption (A)	9.0/8.4	9.0/8.4	3.9/3.4	3.9/3.4	2.8/1.6 2.3/1.3	2.8/1.6 2.3/1.3	30.0	30.0
	Average Sound Level (dB(A))	60/62	62/63	60/62	62/63	60/62	62/63	67	67
	Operating Temperature Range (°F)	32 to 104	32 to 104	32 to 104	32 to 104	32 to 104	32 to 104	32 to 104	32 to 104
	Size - L x W x H (in.)	10.4 x 6.2 x 5.8	10.4 x 6.2 x 5.8	10.4 x 6.2 x 5.8	10.4 x 6.2 x 5.8	10.4 x 6.2 x 5.8	10.4 x 6.2 x 5.8	10.6 x 6.4 x 6.2	10.6 x 6.4 x 6.2
	Weight (lbs)	22.7	22.7	22.7	22.7	22.3	22.3	26.0	26.0
	Motor Protection Class	IP54	IP54	IP54	IP54	IP54	IP54	IP55	IP55
Unit Agency Certification	None	None	CE	CE	CE	CE	None	None	