

## **Portable High Performance Vacuum Systems**

Triton® White Paper

## **Common Conversion Charts**

	Comm	ion Con	VE	1 21011	·	ııaı u	5			
	Celsius Fahrenheit						Volume Conversions			
	Cesis	rannennen		gallor	<u>1S</u>	cubic y	<u>vards</u>	bbl	<u>s</u>	
١	22900	23790		100		0.5	5	2.4	1	
1	110	230		200		1.0	0	4.8	3	
ı		2000		300		1.5	5	7.1	1	
١	100	212		400		2.0	0	9.5	5	
ı		10000		500		2.5	5	12		
1	90	194		600		3.0	0	14	-	
ı	90	194		700		3.5	5	17		
				800		4.0	0	19		
	80	176		900		4.	5	21		
ı				1000	)	5.0	0	24		
	70	158		2000	)	10	)	48		
ı		0000		3000	)	15	5	71		1
	60	140		4000	)	20	)	95		
1				5000	)	25	5	119	9	
ı				6000	)	30	)	14:	3	
1	50	122		7000	)	35	5	16	7	
١		0000		8000	)	40	)	190	0	
١	40	104		9000	)	45	5	214	4	
١				1000	0	50	)	238	8	
١	30	86		2000	0	99	)	470	6	
				2100	0	10	4	500	0	
	20	68								
	20	00								
		200.0	Vacuur <u>" Hg</u> 0		m Level mbar 1000			8000		
	10	50						7000 -		
	0	32		6		800		는 6000 -		
				12		600		r (cubic meters per 3000 - 200		
	- 10	14		15		500		¥ 4000 -		
				18		400		3000 -		
	-20	-4		24		200		2000 -		
	- 20	_ · · ·	0		9			£ 2000 -		



## Common Formulas:

2274

2653

3032

3411 3790

7580 11370

15160

18950

22740 26530

30320 34110

37900 75800

79590

Area of circle =  $\pi r^2$ 

 $\pi = 3.1416$ r = radius

Volume of a cylinder =  $\pi r^2 h$ 

h = height or length

Volume of a cube = lwh

1 = length

w = widthh = height

231 cubic inches = 1 gallon

2.54 cm = 1 inch

25.4 mm = 1 inch

1"  $Hg = \sim 2 psi$ 

20	68					
10	50	Vacuum Level				
10		"Hg	<u>mbar</u>			
		0	1000			
0	32	6	800			
		12	600			
- 10	14	15	500			
		18	400			
-20	-4	24	200			
	***************************************	29.92	0			
-30	-22					
		02/11/13				

