

### 3.4 Technical data for PowrCoat units

	<b>PowrCoat 730</b>	<b>PowrCoat 745</b>	<b>PowrCoat 940</b>	<b>PowrCoat 960</b>	<b>PowrCoat 975</b>
<b>Model Number</b>					
Cart	0533730C	0533745C	0533940C	0533960C	0533975C
Wall	0533730W	0533745W	0533940W	0533960W	0533975W
<b>Max. operating pressure</b>					
	207 bar (3000 PSI)	310 bar (4500 PSI)	276 bar (4000 PSI)	414 bar (6000 PSI)	517 bar (7500 PSI)
<b>Max. air inlet pressure</b>					
	100 PSI (6.9 bar)	100 PSI (6.9 bar)	100 PSI (6.9 bar)	100 PSI (6.9 bar)	100 PSI (6.9 bar)
<b>Pressure Ratio</b>					
	30:1	45:1	40:1	60:1	75:1
<b>Cycle rate per gallon / liter</b>					
	21.2 / 5.6	31.1 / 8.2	21.2 / 5.6	31.1 / 8.2	39.6 / 10.5
<b>Volume per double stroke</b>					
	178.3 cm <sup>3</sup>	121.6 cm <sup>3</sup>	178.3 cm <sup>3</sup>	121.6 cm <sup>3</sup>	95.5 cm <sup>3</sup>
<b>Max. volume flow @ Cycles per minute (CPM)</b>					
60 CPM	2.8 gal (10.7 l)/min	1.9 gal (7.3 l)/min	2.8 gal (10.7 l)/min	1.9 gal (7.3 l)/min	1.5 gal (5.7 l)/min
90 CPM	4.2 gal (16.0 l)/min	2.9 gal (10.9 l)/min	4.2 gal (16.0 l)/min	2.9 gal (10.9 l)/min	2.3 gal (8.6 l)/min
<b>Fluid inlet</b>					
	1" NPT (F)	1" NPT (F)	1" NPT (F)	1" NPT (F)	3/4" NPT (F)
<b>Fluid outlet</b>					
	1/2" NPT (F)	1/2" NPT (F)	1/2" NPT (F)	1/2" NPT (F)	1/2" NPT (F)
<b>Hose connection</b>					
	3/8" NPSM (M)	3/8" NPSM (M)	3/8" NPSM (M)	3/8" NPSM (M)	3/8" NPSM (M)
<b>Approximate air requirement (SCFM) per gallon of output @ 100 PSI (6.9 bar) air pressure</b>					
	28 SCFM (0.79m <sup>3</sup> /min)	40 SCFM (1.13m <sup>3</sup> /min)	36.4 SCFM (1.03m <sup>3</sup> /min)	53 SCFM (1.50m <sup>3</sup> /min)	67.9 SCFM (1.92m <sup>3</sup> /min)
<b>Air inlet</b>					
	3/4" NPT (M)	3/4" NPT (M)	3/4" NPT (M)	3/4" NPT (M)	3/4" NPT (M)
<b>Max. sound pressure level</b>					
	106 dB*	106 dB*	106 dB*	102 dB*	104 dB*
<b>Sound pressure output</b>					
	119 dB*	119 dB*	119 dB*	115 dB*	117 dB*
<b>Weight</b>					
Cart	132 lbs (59.9 kg)	133 lbs (60.3 kg)	140 lbs (63.5 kg)	139 lbs (63 kg)	135 lbs (61.2 kg)
Wall	92 lbs (41.7 kg)	93 lbs (42.2 kg)	100 lbs (45.3 kg)	98 lbs (44.4 kg)	95 lbs (43.1 kg)
<b>Max. viscosity</b>					
	50.000 mPa·s	50.000 mPa·s	50.000 mPa·s	50.000 mPa·s	50.000 mPa·s
<b>Dimensions L x W x H</b>					
Cart	34.75" x 26.25" x 49" (88.3 cm x 66.7 cm x 124.5 cm)				
Wall	19.25" x 13.5" x 41.5" (48.9 cm x 34.3 cm x 105.4 cm)				
<b>Max. temperature of pre-heated coating material</b>					
	140° F (60° C)				
<b>Filter insert (standard equipment)</b>					
	50 mesh, 18 in <sup>2</sup>				
<b>Max. tire pressure</b>					
Cart	0.2 MPa (2 bar, 30 PSI)				

\* Place of measurement: 1 m distance from unit and 1.60 m above reverberant floor, 120 bar (12 MPa) operating pressure.