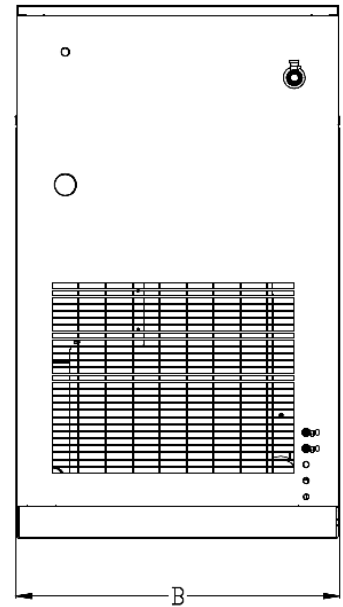
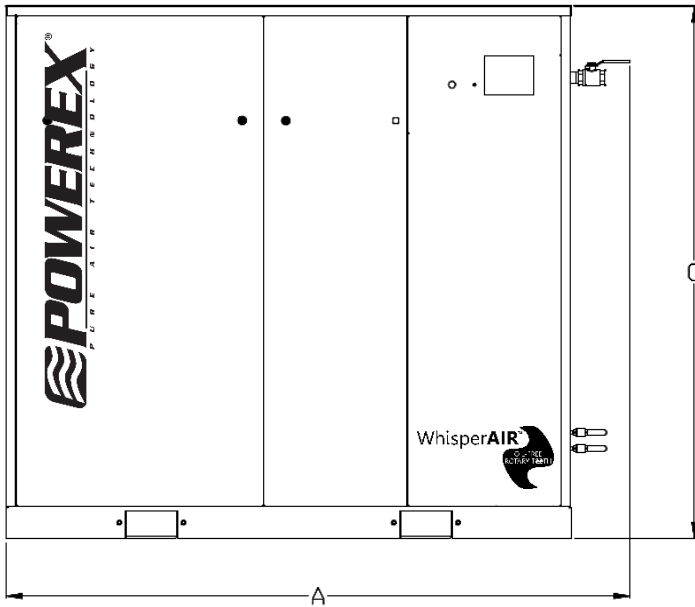
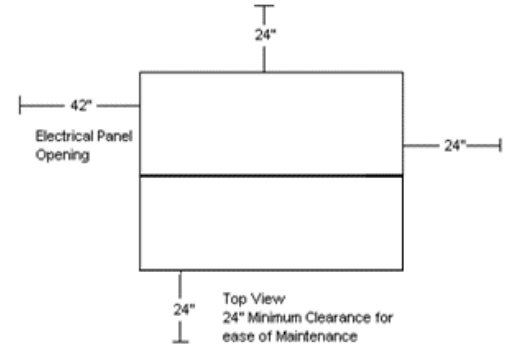


Dimensions				
Model	Dim. A	Dim. B	Dim. C	Outlet
PCC50074R2	77"	40"	65"	1 ½"
PCC50073R2	77"	40"	65"	1 ½"
PCC50072R2	77"	40"	65"	1 ½"



Rotary Tooth Compressor - VFD											
Model	HP	Maximum Pressure (PSIG)	SCFM @ 100 PSIG	Min VFD Speed	Max VFD Speed	BTU/Hr	dB(A) Level	System F.L.A.			System Weight (lbs)
								208V	230V	460V	
PCC50074R2	50	109	67 – 207	40%	105%	127,221	68	-	-	66.0	2,944
PCC50073R2	50	109	67 – 207	40%	105%	127,221	68	-	132.0	-	2,944
PCC50072R2	50	109	67 – 207	40%	105%	127,221	68	151.8	-	-	2,944

Model Data for Compressed Air – Variable Frequency Drive		
Manufacturer: Powerex, Inc.		
Model Number:	Date:	5/27/15
<input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input type="checkbox"/> Oil-injected <input checked="" type="checkbox"/> Oil-free	Type:	Other
	# of Stages:	2
Rated Operating Pressure:	109	psig <sup>2</sup>
Drive Motor Nominal Rating:	50	hp
Drive Motor Nominal Efficiency:	94	percent
Fan Motor Nominal Rating (if applicable):	1.0	hp
Fan Motor Nominal Efficiency:	75	percent
Input Power (kW)	Capacity (acfm) <sup>1,4</sup>	Specific Power (kW/100 acfm) <sup>4</sup>
49.9	196.8	25.34
47.7	194.3	24.57
38.4	145.8	26.31
30.1	112.8	26.65
20.6	66.6	30.90
Total Package Input Power at Zero Flow: <sup>3,4</sup>		13.0 kW

**Notes:**

- 1 – Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- 2 – The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet.
- 3 – Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- 4 – Tolerance is specified in ISO 1217, Annex C, as shown in table below:

Volume Flow Rate at Specified Conditions		Volume Flow Rate (%)	Specific Energy Consumption (%)	No Load/Zero Flow Power (%)
(m3/min)	(ft3/min)			
Below 0.5	Below 15	+/- 7	+/- 8	+/- 10
0.5 to 1.5	15 to 50	+/- 6	+/- 7	
1.5 to 15	50 to 500	+/- 5	+/- 6	
Above 15	Above 500	+/- 4	+/- 5	