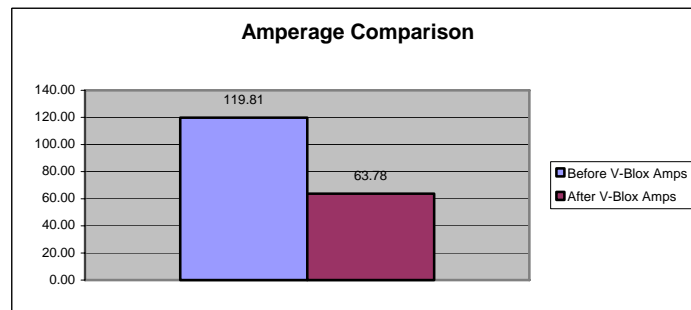




Subject: V-Blox Power Factor Correction Test at Revere

A 20 KVAR V-Blox PFC (Power Factor Correction) device was installed on a Toshiba 310 ton injection molding machine. (50 horse power motor) at Revere. The motor called for a 20 KVAR PFC (FFC480020K) which is what was installed for the test by the distributor, Voltage Systems/MCSI. As expected the results were tremendous and are as follows:

	Avg Amps	Avg KW	Avg PF
Before V-Blox	119.81	18.62	0.53
After V-Blox	63.78	17.04	0.97
	56.03	1.59	0.44
	46.77%	8.51%	83.45%
Amperage Drop			46.77%
Demand Drop (KW) AVG			8.51%
Power Factor Improvement			83.45%



The V-Blox PFC showed a reduction in the amperage of this 50 HP motor by over 40% and a power factor improvement of over 80% indicating extreme inefficiencies that can be corrected and produce sizeable savings. All V-Blox fixed PFC's are sized specifically to the motor and V-Blox Auto Tuned PFC's size themselves to remain constantly above 95 PF so the maximum efficiency is achieved. V-Blox recommends its TVSS with the installation of any PFC's.

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