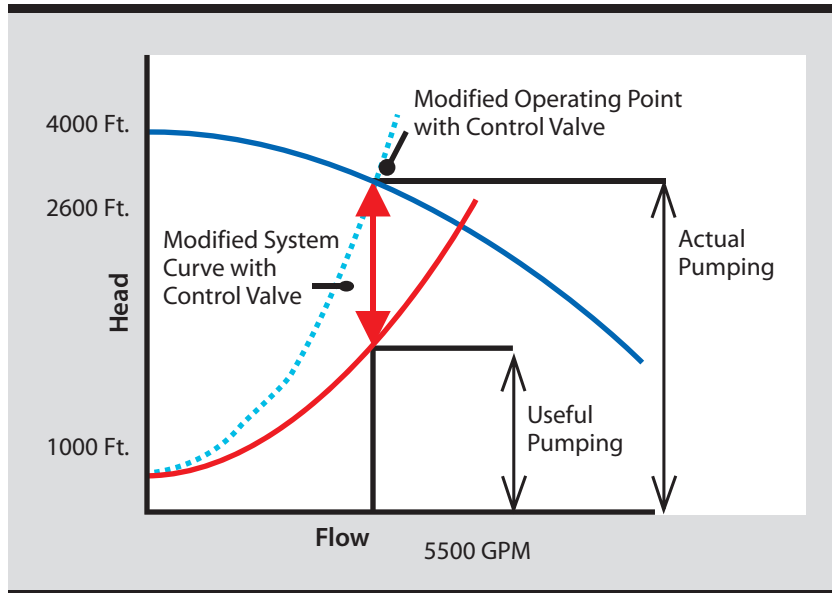


# Achieve Operational and Energy Efficiency with PowerFlex® Variable Frequency Drives



Did you know that reducing a fan or pump operating load by 20% can result in up to 50% energy savings?

With electric motors as the driving force behind most production output, improved motor control performance and motor efficiency means greater overall production efficiency. The technology behind Allen-Bradley® PowerFlex variable frequency drives is capable of providing you with both an immediate and measurable impact on energy use and operational efficiency.



VFD Energy Savings Chart\*

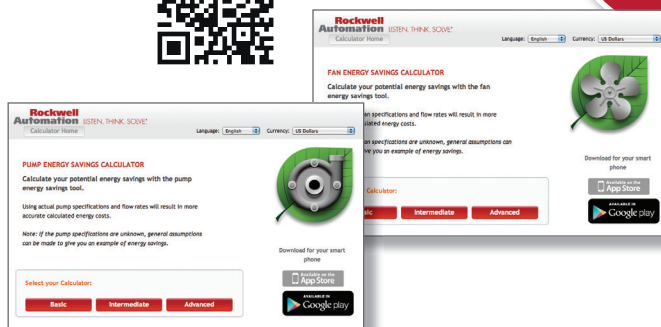
Load	Savings
100%	0%
90%	27.1%
80%	48.8%
70%	65.7%
60%	78.4%

\* Centrifugal loads only. Actual savings will vary based on load and motor characteristics.

## Energy Savings Calculators

Calculate your potential energy savings with the fan and pump energy savings tools. These tools are designed to compare conventional flow control methods with PowerFlex drives and show the differential power consumption of each. Realize the energy saving benefits of applying PowerFlex drives to your variable torque loads.

Scan to get started





# Primary Parts Program – PowerFlex® Family of Low Voltage AC Drives



Our comprehensive range of Allen-Bradley® PowerFlex Family of Low Voltage AC Drives is now available for express delivery!

## PowerFlex® 750-Series AC Drives The Power and Control You Need

### PowerFlex 753 AC Drive

The PowerFlex 753 is ideal for general purpose applications requiring speed or torque control up to 250 kW/350 Hp. Embedded I/O along with three option slots for safety, feedback, communications, 24V power or additional I/O make the drive a flexible, cost-effective solution.



### PowerFlex 755 AC Drive

PowerFlex 755 is ideal for applications requiring positioning, speed or torque control up to 1500 kW/2000 Hp. The PowerFlex 755 is easily integrated with the embedded Ethernet port and has five option slots to support additional options for feedback, I/O, safety, communications, and auxiliary 24V DC control power.

The PowerFlex 755 AC drive can be integrated with a ControlLogix® or CompactLogix™ Programmable Automation Controller (PAC) via drive instructions that are actually embedded in the PAC. This level of integration is specific to PowerFlex 755 drives on EtherNet/IP.

## PowerFlex® 520-Series AC Drives The Next Generation of Powerful Performance. Flexible Control.

The Allen-Bradley® PowerFlex 520-Series of AC drives is the next generation of compact drives offering a variety of features and time saving benefits to help meet a wide range of global applications. PowerFlex® 525 AC drives are ideal for networked machines and simple system integration, offering standard features including embedded EtherNet/IP™, safety and performance up to 22 kW/30 Hp.



By combining an innovative design, several motor control options, installation flexibility, communications, energy savings and ease of programming, PowerFlex 520-Series AC drives can help you increase your system performance and reduce your time to design and deliver better machines.

Series	Catalogue No.	Frame Size	No. of Phase	Voltage	kW (Normal Duty)	kW (Heavy Duty)	Current
<b>PF753/PF755 Complete Drive Unit @ 400VAC</b>							
PF753	20F11RC5P0JA0NNNNN	1	3	400VAC	2.2	1.5	5
PF753	20F11RC015JA0NNNNN	1	3	400VAC	7.5	5.5	15.4
PF753	20F11NC022JA0NNNNN	2	3	400VAC	11	7.5	22 (15.4)
PF753	20F11NC043JA0NNNNN	3	3	400VAC	22	18.5	43 (37)
PF753	20F11NC060JA0NNNNN	4	3	400VAC	30	22	60 (43)
PF753	20F11NC072JA0NNNNN	4	3	400VAC	37	30	72 (60)
PF753	20F11NC085JA0NNNNN	5	3	400VAC	45	37	85 (72)
PF753	20F11NC104JA0NNNNN	5	3	400VAC	55	45	104 (85)
PF753	20F1ANC140JA0NNNNN	6	3	400VAC	75	55	140 (104)
PF753	20F1ANC170JA0NNNNN	6	3	400VAC	90	75	170 (140)
PF753	20F1ANC260JA0NNNNN	6	3	400VAC	132	110	260 (205)
PF753	20F1ANC302JA0NNNNN	7	3	400VAC	160	132	302 (260)
PF753	20F1ANC456JA0NNNNN	7	3	400VAC	250	200	456 (367)
PF755	20G1ANC367JA0NNNNN	7	3	400VAC	200	160	367 (302)
PF755	20G1ABC540JNONNNNN	8	3	400VAC	315	250	540 (456)
PF755	20G1ABC770JNONNNNN	8	3	400VAC	400	355	770 (642)
PF755	20G1BC910JNONNNNN	9	3	400VAC	500	400	910 (750)

Series	Catalogue No.	Frame Size	No. of Phase	Voltage	kW (Normal Duty)	kW (Heavy Duty)	Current
<b>PF525 Complete Drive Unit 480VAC with Integral Filter</b>							
PF525	25B-D2P3N114	A	3	480VAC	0.75	0.75	2.3
PF525	25B-D4P0N114	A	3	480VAC	1.5	1.5	4
PF525	25B-D6P0N114	A	3	480VAC	2.2	2.2	6
PF525	25B-D010N114	B	3	480VAC	4	4	10.5
PF525	25B-D013N114	C	3	480VAC	5.5	5.5	13
PF525	25B-D017N114	C	3	480VAC	7.5	7.5	17
PF525	25B-D024N114	D	3	480VAC	11	11	24
PF525	25B-D030N114	D	3	480VAC	15	11	30
PF525	25B-D043N114	E	3	480VAC	22	18.5	43

\* For other range of Allen-Bradley PowerFlex Family of Low Voltage AC Drives not stipulated above, please contact our Authorized Distributor for more information.

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