

## Direct Drive DOMEX | FUMEX Enhanced PRV Line

PennBarry™ is blowing away the competition by integrating 3-phase EC motor technology to our PRV line! The enhanced PRV line will have™ motor selection up to 2 HP (available on single phase and three phase). EC motors are now available on Direct Drive (DD) up to size 24. Design enhancements to direct drive Domex and Fumex models significantly improves air performance, while Gplus, 3-phase EC motors offer higher efficiency and quieter more reliable operation. Combined with PennBarry's patented, backward inclined, centrifugal wheel, the new fan units deliver low noise and high efficiency performance.

Enhanced performance on DD sizes 08, 10, 13, 16, and 24. New DD offering in sizes 12, 13H, 14, 18H, and 24.



		New Enhanced Direct Drive	Company A	Company B
DX061	sp	1.25	0.4	0.375
	CFM	1215	307	311
DX081	sp	1.25	0.625	0.75
	CFM	1331	654	783
DX111	sp	1.5	--	0.88
	CFM	2673	--	982
DX121	sp	1	1.5	1.25
	CFM	2537	2093	1752
DX141	sp	2	1.75	--
	CFM	4693	3200	--
DX161	sp	1.75	1.5	--
	CFM	5412	5095	--
DX181	sp	1.25	2	--
	CFM	5531	5677	--
DX241	sp	0.25	1.75	--
	CFM	486	6640	--



		New Enhanced Direct Drive	Company A	Company B
FX081	sp	1.5	0.625	0.375
	CFM	1026	639	298
FX101	sp	1.5	1.25	0.625
	CFM	2053	1468	882
FX121H	sp	1.25	1.5	1.00
	CFM	2524	2037	1773
FX131	sp	1.25	1.5	1.5
	CFM	2886	2366	2598
FX131H	sp	1.25	--	--
	CFM	3009	--	--
FX141	sp	1.25	1.75	--
	CFM	3449	3066	--
FX161	sp	1	1.5	--
	CFM	4199	4959	--
FX181	sp	1	2	--
	CFM	5209	5648	--
FX181H	sp	1.25	2.75	--
	CFM	4501	4613	--
FX241H	sp	0.5	--	--
	CFM	5452	--	--

- = Performance improvements vs. Company A and B
- = Size offered with single phase motor
- = Size offered with three phase motor

## Green Plus Electronically Commutated Motor(ECM)

The Green Plus (GP) option utilizes EC motors to provide significantly greater efficiency, flexibility, and controllability over standard direct drive permanent split capacitor (PSC) motors. Using the included potentiometer, the Green Plus motors can be turned down to as low as 80% the max operating speed while maintaining 90% efficiency through the operating range. Additionally, the Green Plus can accept 0-10V input to tie to building management systems, not only allowing for savings in direct fan energy consumption but reducing the exhaust of conditioned air during off peak hours as well. All Green Plus motors come in open enclosure for usage with 115V-208V/230V, single phase, 50/60 Hz applications.

New enhanced Power Roof Ventilator line offers:

## Fumex

Model	HP	1-Phase		
		ODP 110-120V	TE 110-120V	TE 208-480V
FX08VGP	1/6	-	X	X
FX08S/RGP	1/6	-	X	X
FX08QGP	1/6	-	X	X
FX10VGP	1/6	-	X	X
FX10S/RGP	1/6	-	X	X
FX10QGP	1/6	-	X	X
FX11V/S/RGP	1/6	-	X	X
FX11QGP	1/4	-	X	X
FX13V/S/RGP	1/6	-	X	X
FX13QGP	1/4	-	X	X
FX16VGP	1/6	-	X	X
FX16S/RGP	1/3	X	X	X
FX16Q1GP	1/2	X	X	X
FX16Q2GP	3/4	X	-	X
FX18VGP	3/4	X	X	X

## Domex

Model	HP	1-Phase		
		ODP 110-120V	TE 110-120V	TE 208-460V
DX08VGP	1/6	-	X	X
DX08S/RGP	1/6	-	X	X
DX08QGP	1/6	-	X	X
DX10VGP	1/6	-	X	X
DX10S/RGP	1/6	-	X	X
DX10QGP	1/6	-	X	X
DX11V/S/RGP	1/6	-	X	X
DX11QGP	1/4	-	X	X
DX13V/S/RGP	1/6	-	X	X
DX13QGP	1/4	-	X	X
DX16VGP	1/6	-	X	X
DX16S/RGP	1/3	X	X	X
DX16Q1GP	1/2	X	X	X
DX16Q2GP	3/4	X	-	X
DX18VGP	3/4	X	-	X

Model	HP	1 - Phase			3 - Phase
		ODP 110-120, 277V	TE 110-120V	TE 208-480V	TE 230-460v
SX085V/SCGP	1/6	-	X	X	-
SX085RCGP	1/3	X	-	-	-
SX085RCGP	1/6	-	X	X	-
SX85QCGP	1/4	-	X	X	-
SX095V/S/RCGP	1/3	X	-	-	-
SX095V/S/RCGP	1/6	-	X	X	-
SX095QCGP	1/3	X	-	-	-
SX095QCGP	1/4	-	X	X	-
SX115VCGP	1/3	X	-	-	-
SX115VCGP	1/6	-	X	X	-
SX115SCGP	1/3	X	X	X	-
SX115RCGP	1/2	X	X	X	-
SX115Q1CGP	1/2	X	X	X	-
SX115Q2CGP	3/4	X	X	X	-
SX120SGP	1/2	-	X	X	-
SX125RGP	1	-	X (1)	-	X
SX125KGP	1 1/2	-	X (1)	-	X
SX125HSGP	1/2	-	X	X	-
SX125HRGP	3/4	-	-	X	-
SX155TGP	1	-	X (1)	-	X
SX155RGP	2	-	X (1)	-	X
SX165TGP	1 1/2	-	X (1)	-	X

(1) Fan input power is single phase to motor speed controller, actual motor is 3 - phase.