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## XGE Fan Speed Controller also for EC fans



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**SAGInoMIYA**

## Main advantages of Saginomiya XGE Fan Speed Controller:

- Compact shape designed for space-saving.
- Smart details make mounting and adjusting easier.
- Minimum speed and cut-off working modes.
- Fits into versatile applications.
- Made in Japan.

### Features of XGE models:

Max current	3 A
Min current	0,2 A
Enclosure	IP 65
Max working pressure	47 bar
Ambient temperature	-20 to 55°C
Fluid temperature	-20 to 70°C
Power supply	200-240 VAC

### Features of XGE-EC models:

Input voltage	10 V DC
Output	0 to 10 V DC
Rated current	1 mA
Enclosure	IP65
Max working pressure	47 bar
Ambient temperature	-20 to 55°C
Fluid temperature	-20 to 70°C

### General Description

XGE is fan speed controller that regulates the rotational speed of AC/EC fan motors according to the condensing pressure. AC/EC fans could be run at a low speed and low power consumption with the fan speed controller. It also gives benefits of noise reduction and stabilizes condensing pressures under different climate conditions. In result it contributes to saving energy by the system. XGE is highly reliable product with over 20 years of history proven by countless customers around the whole world. Their construction is based on Saginomiya's core technology: bellows manufacturing and pressure controls technology.

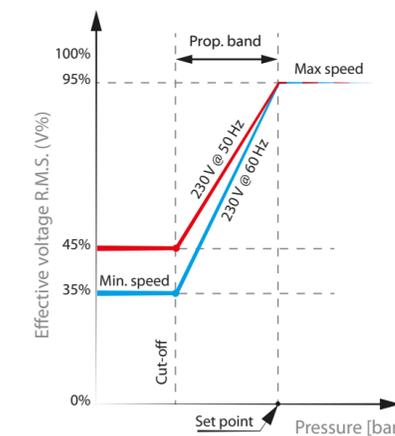
## XGE FAN SPEED CONTROLLER

Model	Adjusting range [bar]	Refrigerant	Proportional band [bar]	Mode	Pressure connection
XGE-2C	8-18	R22, R134a, R404A, R407C	5	Cut-off	7/16-20 UNF female flare with depressor pin
XGE-2M	8-18	R22, R134a, R404A, R407C	5	Min. Speed	
XGE-4C	10-25	R22, R134a, R404A, R407C	6	Cut-off	
XGE-4M	10-25	R22, R134a, R404A, R407C	6	Min. Speed	
XGE-6C	22-39	R410A	7	Cut-off	7/16-20 UNF male flare
XGE-6M	22-39	R410A	7	Min. Speed	
XGE-4CB	10-25	R22, R134a, R404A, R407C	6	Cut-off	
XGE-4MB	10-25	R22, R134a, R404A, R407C	6	Min. Speed	
XGE-6CB	22-39	R410A	7	Cut-off	
XGE-6MB	22-39	R410A	7	Min. Speed	

## XGE-EC FAN SPEED CONTROLLER

Model	Adjusting range [bar]	Refrigerant	Proportional band [bar]	Pressure connection
XGE-2S-E	8-18	R22, R134a, R404A, R407C	5	7/16-20 UNF female flare with depressor pin
XGE-4S-E	10-25	R22, R134a, R404A, R407C	6	
XGE-6S-E	22-39	R410A	7	

## XGE CHARACTERISTIC



## XGE-EC CHARACTERISTIC

