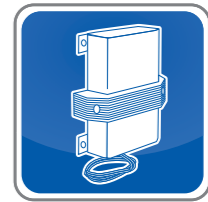


- Central Headquarters
- Europe Sales office
- Distributors
- Regional Sales offices

**SAGInoMIYA**  
AUTOMATIC CONTROLS



## RGE Fan Speed Controller



### SALES HEADQUARTERS:

**SAGINOMIYA SEISAKUSHO, INC.**  
Address: 13-1, Ichibancho, Chiyoda-ku,  
Tokyo, 102-0082 Japan  
E-mail: inter@saginomiya.co.jp

### EUROPE SALES OFFICE:

**SAGINOMIYA EUROPE Sp. z o.o.**  
Address: Aleje Jerozolimskie 212  
02-486 Warsaw, Poland  
E-mail: info@saginomiya.eu  
Telephone: +48 22 101 30 00

### REGIONAL SALES OFFICES:

**SAGINOMIYA AMERICA, INC.**  
Address: 655 Metro Place South suite 700,  
Dublin, Ohio 43017, U.S.A.  
E-mail: sales@saginomiya-am.com

### FOSHAN HUALU AUTOMATIC CONTROLS LIMITED

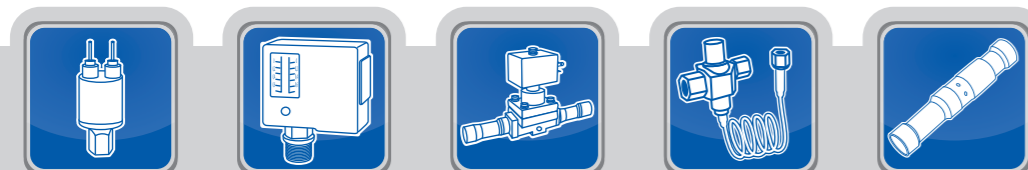
Address: No.59 & 61, Wenhua Nan Road,  
Chancheng District, Foshan, Guangdong, China  
E-mail: salesdept@foshanhualu.com

### SAGINOMIYA (Thailand) Co., Ltd.

Address: 159 Serm-mit Tower 19th FL.,  
Sukhumvit 21 Rd., North-Klongtoey, Wattana,  
Bangkok 10110, Thailand  
E-mail: info@saginomiya.co.th

### RIMSA SAGINOMIYA, S.A. DE C.V.

Address: Av. Central No. 126,  
Parque Industrial Toluca 2000,  
Km. 52.8 Carretera Toluca Naucalpan,  
C.P. 50200, Toluca, Edo. De Mexico,  
E-mail: rimsa@saginomiya.com.mx



**SAGInoMIYA**

## Main advantages of Saginomiya RGE Fan Speed Controller:

- Highest quality based on Saginomiya core technology.
- Suitable for various applications.
- Minimum speed and cut-off working modes.
- Multiple fans control.
- Made in Japan.

### Features:

Ambient temp. [°C]: -20/+55 (RGE single-phase).  
 -20/+50 (RGE three-phase 200V AC).  
 -15/+50 (RGE three-phase 400V AC).

Single-phase current: up to 8 A.  
 Three-phase current: up to 7 A.  
 Enclosure: IP54.  
 Max working pressure: 47 [bar].

### General Description

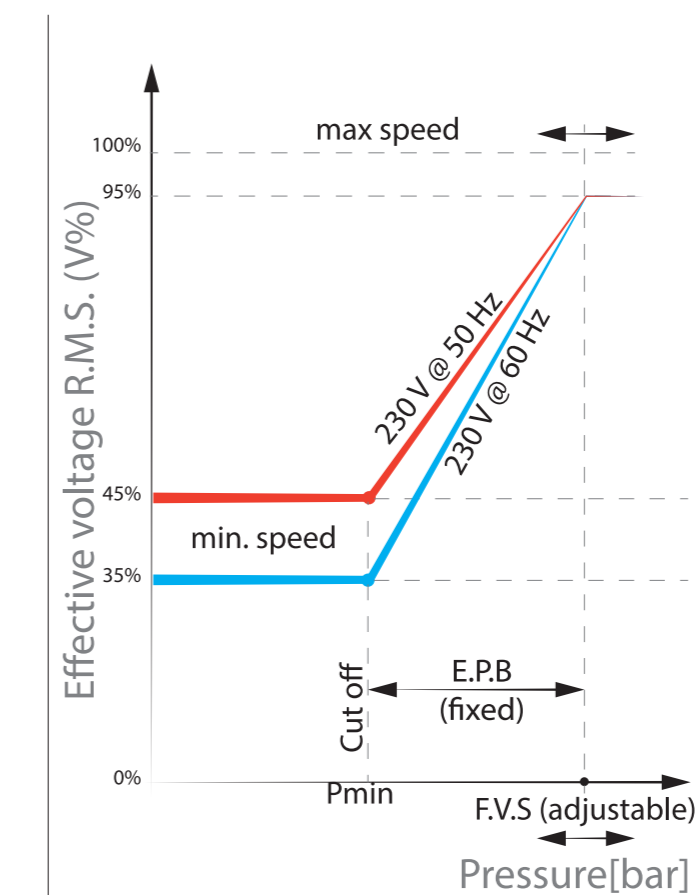
RGE is fan speed controller that regulates the rotational speed of AC fan motors according to the condensing pressure. The most suitable applications to control the rotational speed of an AC fans are freezing and refrigeration condensing units, package air conditioners and other units which are operated throughout the whole year. RGE keeps the condensing pressure constant in winter and intermediate seasons for stable operation. Thanks to design it's possible to control multiple fans by only one device. RGE construction is based on Saginomiya's core technology: bellows manufacturing and pressure controls technology.



## RGE FAN SPEED CONTROLLER

| Model        | Refrigerant              | Adjusting range [bar] | Proportional band [bar] | Electrical motor rating [A] | Version      | Mode                    |
|--------------|--------------------------|-----------------------|-------------------------|-----------------------------|--------------|-------------------------|
| RGE-Z1L4-7DS | R407C, R134a, R404A, R22 | 8-28                  | 6                       | 0,2-3                       | Single-Phase | Cut off / Minimum Speed |
| RGE-Z1L6-7DS | R410A                    | 16-39                 | 9                       |                             |              |                         |
| RGE-Z1N4-7DS | R407C, R134a, R404A, R22 | 8-28                  | 4                       | 0,2-4                       |              |                         |
| RGE-Z1N6-7DS | R410A                    | 16-39                 | 8                       |                             |              |                         |
| RGE-Z1P4-7DS | R407C, R134a, R404A, R22 | 8-28                  | 4                       | 0,2-6                       |              |                         |
| RGE-Z1P6-7DS | R410A                    | 16-39                 | 8                       |                             |              |                         |
| RGE-Z1Q4-7DS | R407C, R134a, R404A, R22 | 8-28                  | 4                       | 0,2-8                       |              |                         |
| RGE-Z1Q6-7DS | R410A                    | 16-39                 | 8                       |                             |              |                         |
| RGE-Z3R4-7DS | R407C, R134a, R404A, R22 | 8-28                  | 4                       | 0,2-5                       | Three-Phase  |                         |
| RGE-Z3R6-7DS | R410A                    | 16-39                 | 8                       |                             |              |                         |
| RGE-X3R4-7DS | R407C, R134a, R404A, R22 | 8-28                  | 4                       | 0,2-7                       |              |                         |
| RGE-X3R6-7DS | R410A                    | 16-39                 | 8                       |                             |              |                         |
| RGE-Z3T4-7DS | R407C, R134a, R404A, R22 | 8-28                  | 6                       | 0,2-7                       |              |                         |
| RGE-Z3T6-7DS | R410A                    | 16-39                 | 8                       |                             |              |                         |

### SINGLE - PHASE TYPE



### THREE - PHASE TYPE

