



RECIPROCATING COMPRESSOR

# WA-Series

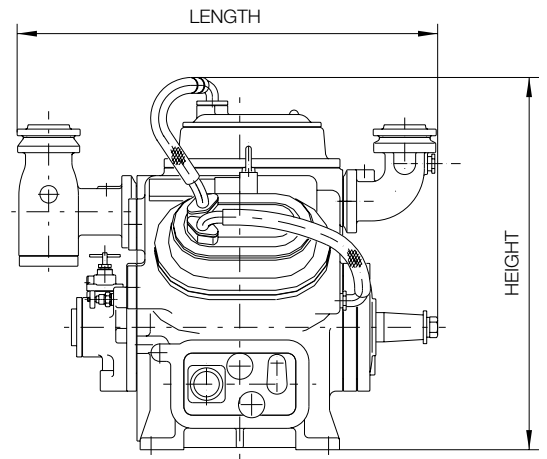
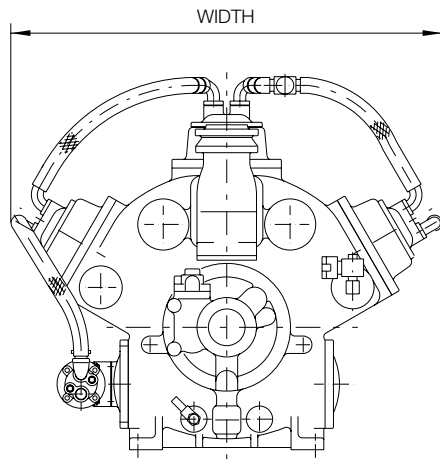


### The WA-series

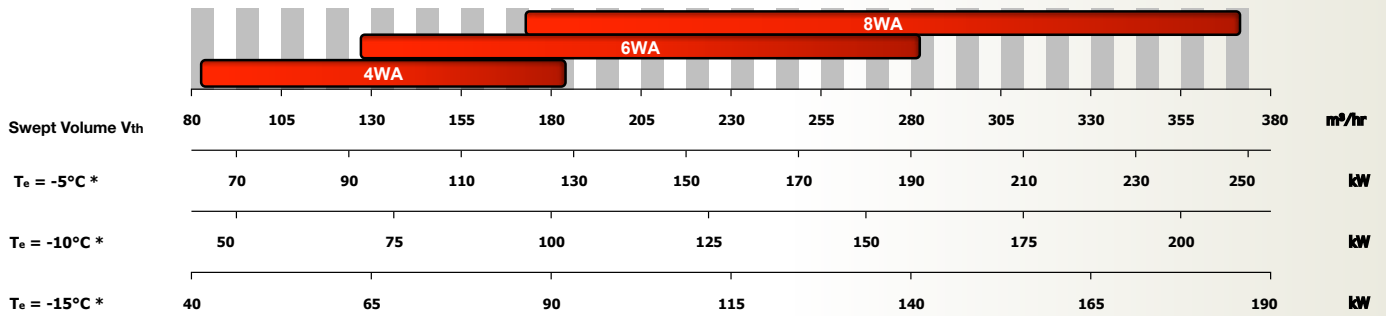
is one of the popular **MAYEKAWA** mid-range displacement compressors.

The compressor is sold since 1955, and has since then gone through several minor design changes resulting in its current top performance model. This compressor can run at a maximum speed of 1450 rpm and has an excellent opportunity for creating a small, lightweight, high speed economical system design.

Our WA series is designed to operate with natural refrigerants (NH<sub>3</sub>, CO<sub>2</sub>, and hydrocarbons), HFC's (R507, R404a, R134a, etc.) and CFC's and is suitable for cooling, freezing, air conditioning systems and leisure markets.



DIMENSIONS	HEIGHT (mm)	WIDTH (mm)	LENGTH (mm)	WEIGHT (kg)
4WA	1165	965	1070	580
6WA	1220	1045	1105	700
8WA	1290	1055	1125	820



\* Refrigerant NH<sub>3</sub>

T<sub>c</sub> = 35°C

Item	Limit Value	Remarks
Maximum discharge pressure [barG]	20	Casing design pressure High: 26 Low: 14.6
Maximum suction pressure [barG]	6	
Minimum suction pressure [barG]	-0.733	
Maximum compression ratio [-]	NH <sub>3</sub> ≤ 9 HFCs ≤ 10	Limited on discharge temperature
Maximum discharge temperature [°C]	NH <sub>3</sub> : 140	
Minimum suction temperature [°C]	-60	
Maximum oil supply temperature [°C]	50	Oil cooler outlet
Suction superheat [K]	> 0, ≤ 20	
Minimum/maximum cooling water inlet temperature [°C]	15 / 50	
Minimum/maximum rotation speed (rpm)	650/1450	

Standstill is included.

Other temperatures are possible on request

# MAYEKAWA MYCOM

## WORLDWIDE

- 40 countries / 127 offices
- 8 production plants



## MAYEKAWA EMEA Organization

### ABU DHABI

Ali & Sons Business Center Office No. 201  
Ali Khalfan Rashed Al Mutawa Al Dhahiri Bldg.  
Plot no 29, Al Ain Road, Umm Al Nar  
Tel. +971 2 5102151  
Fax +971 2 5102571

### BULGARIA

Kamen Andreev Str. 24, 1303 Sofia  
Tel. +359 2 8910130  
Fax +359 2 8910131

### DENMARK

Lindholm Havnevej 29, 5800 Nyborg  
Tel. +45 31929000  
Email: contact@mayekawa.dk

### DUBAI

P.O. Box 61349, W-HOUSE  
No. RA-08-UC05  
Jebel Ali Free Zone Dubai, UAE  
Tel. +971 4 8886363  
Fax +971 4 8886373

### EGYPT

New Cairo, 5th Settlement  
North 90th St.  
The 47th Building  
Tel. +20 22 5062925  
Fax +20 22 5032901

### FRANCE (representative agent) Siège social

8, rue des Fontenelles  
44140 Le Bignon  
Tel. +33 1 30 582600  
Fax +33 1 30 581937  
<http://www.mayekawa.eu/fr>  
E-mail: mayekawa.france@mayekawa.eu

**South East Branch Office  
Refrigerant Division**  
Rue François Coli - Bâtiment H  
33290 Blanquefort  
Tel. +33 1 30 582600

### West Branch Office Food Processing Division

20, Rue Ampère  
22590 Pordic  
Tel. +33 1 30589795  
Fax +33 1 30581937

### GERMANY Mayekawa Deutschland GmbH

Zum Buckesch 7a  
48336 Sassenberg-Füchtorf  
Tel. +49 (0) 5426 2989920  
**Vertrieb BRD/Österreich**  
Tel. +49 151 42628055  
<http://www.mayekawa.de>  
Email: info@mayekawa.de

### HUNGARY

Köbányai út 10/A  
2049 Diósd,  
Tel. +36 23 545712  
Fax +36 23 545715  
<http://www.mayekawa.eu>  
E-mail: hungary@mayekawa.eu

### ITALY Milan Office

Via Riccardo Lombardi 19/12  
20153 Milano  
Tel. +39 2 48929218  
Fax +39 2 4531728

### Bologna Office

Via Pradazzo 7 40012  
Calerara di Reno  
Tel. +39 51 726364  
Fax +39 51 726804

### MOROCCO

6, Allée des Cyprès  
20250 Casablanca  
Tel. +212 600 041241

### POLAND

ul. Druskiennicka 8/10  
60-476 Poznan  
Tel. +48 61 8420738  
Fax +48 61 8485837

### RUSSIA Moscow Office

Polkovaya St, House 1, bldg 1  
127018 Moscow  
Tel. +7 499 2300176 / 78  
Fax +7 499 2302112  
<http://www.mayekawa.ru>  
E-mail: info@mayekawa.ru

### Vladivostok Office

Tigrovaya st., 30, office 22  
690091, Vladivostok  
Tel: + 7 423 279-1503

### SOUTH AFRICA

West End  
Unit 3 Prime Park  
Printers Way  
Montague Gardens 7441  
Tel. +27 21 5511434  
Fax +27 86 5463618

### SPAIN

Calle Montevideo 5, Nave 13  
Pol. Industrial Camporosso  
28806 Alcala de Henares, Madrid  
Tel. +34 91 8300392  
Fax +34 91 8300397  
<http://www.mayekawa.es>  
E-mail: mayekawa@mayekawa.es

### SWITZERLAND

Rosenbergstrasse 31  
6300 Zug  
Tel. +41 41 7268626  
Fax +41 41 7268620  
<http://www.mayekawa.ch>  
E-mail: info@mayekawa.ch

### TURKEY

Dünya Ticaret Merkezi  
A/2 Blok Kat: 10 No. 325  
Yeşilköy  
Istanbul  
Tel. +90 212 46536 31- 34  
Fax +90 212 4653635

### UKRAINE

Golosivska Street 17  
Office 110  
03039 Kiev  
Tel. +38 (044) 251-46-62

### UNITED KINGDOM

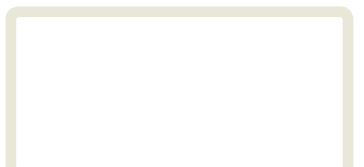
16 Oakhurst Gardens  
DA7 5JP Bexleyheath, Kent  
Tel. +44 1322 433558  
Fax +44 1322 433164

### Japan Head Office

3-14-15 Botan Koto-ku  
Tokyo 135 8482, JAPAN  
Tel. 81 3 3642 8181  
Fax 81 3 3643 7094  
E-mail e-public@mayekawa.co.jp

### MAYEKAWA Europe nv/sa

Leuvensesteenweg 605  
1930 Zaventem - Belgium  
Tel. +32 2 7579075  
Fax +32 2 7579023  
<http://www.mayekawa.eu>  
E-mail info@mayekawa.eu



Global web site <http://www.mayekawa.com/>