

PRODUCT CATALOG

2016 Edition

NIOSH APPROVED PRODUCTS



DISPOSITIVI DI PROTEZIONE DELLE VIE RESPIRATORIE
RESPIRATORY PROTECTION DEVICES

Our Company



Values and Mission

KASCO is a leader in the personal protection industry and prides itself with forty years of experience in the production of filters, masks, power assisted respirators and compressed airline breathing apparatus.

The high quality of KASCO respiratory protective devices is guaranteed by an ISO certified quality management system and confirmed by product certifications to current European, American and Australian Standards.

VALUES

- **Customers**, always at the heart of our projects.

To achieve and maintain the trust and loyalty of our customers is our main objective. Over 90% of our customers are satisfied with our products.

- **Safe and reliable products**, our reply to our customers' needs.

KASCO products are designed and manufactured at our facilities.

All components are put through stringent and extensive testing by our technical staff to ensure maximum reliability and the highest quality.

- **Constant commitment**, crucial to ensure **flexibility and dynamism**

With careful procurement programs and monitoring of the production cycle we can ensure an efficient, fast and flexible service.

MISSION

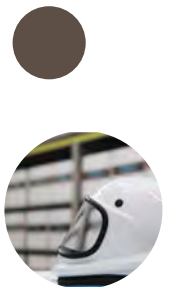
"Everyone has the right to freedom, to life and to protection. Improving the quality of your working life is our mission and we achieve it by keeping you provided with breathable air."

40+

YEARS OF EXPERIENCE
IN THE RESPIRATORY
PROTECTION SECTOR

96%

SATISFIED CUSTOMERS



History

1977

FOUNDATION AND LOCAL MARKET

KASCO, established in Reggio Emilia in 1977, initially develops the idea of designing a device not only for the protection of the respiratory tract but also for the head, eyes and face and soon becomes a manufacturing excellence on the local market.

Thanks to the strategic and technical contributions of the founders, the company begins to produce respirators equipped with helmets for use in **agriculture**.

The first KASCO branded products, predecessors of a range of products immediately acknowledged on the market for their optimal design and unique technical performance, thus came into being.

1982

EXPANSION AND OPTIMIZATION

The **market expansion** of KASCO products begins in the early eighties, after having solved all design, technical and economical obstacles and achieved product certification.

In 1982 the first respirator equipped with a K80 helmet was certified by the University of Bologna, Institute of Agricultural Mechanics.

1986

EXPORT

Towards the mid-eighties, well aware of its constant progress and its large amount of know-how, KASCO turns first to **the north European** markets, and then around the late eighties, lands in **Canada, the US and Australia**.

The company thus confirmed its vocation for expansion abroad and began developing a regular distribution network worldwide.



1993

A NEW RANGE

In the early nineties KASCO matures the idea of producing **compact respirators** with built-in blowers and batteries and develops the two innovative models, KOMPAT88 with particle filters and PROF88 with combined filters.

This evolution led to new market opportunities opening up in agriculture and in the mining industry.

1996

FACE MASKS

Thanks to the ongoing support of its customers and continuous testing with innovative materials and technologies, the nineties also sees the launch of the **KASCO branded full face mask**.

The company gradually established its market position and became a leading player in the asbestos removal, pharmaceutical and chemical industries.

2012

WEB MARKETING

Since the early 2000s, KASCO has continued to grow and to extend its **powered and compressed airline range** of products.

On the one hand, new strategies and business ideas have strengthened brand identity, while on the other, innovations to company processes and production have optimized the service Kasco provides its customers.



Internazionalization

KASCO currently exports 75% of its sales turnover distributing its products in 31 countries worldwide. Extending internationalization is a KASCO priority.



EUROPE

BELGIUM
CYPRUS
FINLAND
FRANCE
GERMANY
GREAT BRITAIN
GREECE
ITALY
MOLDAVIA

HOLLAND
PORTUGAL
CZECH REPUBLIC
SLOVAK REPUBLIC
SPAIN
SWEDEN
SWITZERLAND
HUNGARY

AMERICA

BRASIL
CANADA
CHILE
U.S.A.

AFRICA

MAROCCO
SOUTH AFRICA

MIDDLE EAST

IRAN
ISRAEL
LEBANON
U.A.E.

ASIA

CHINA
THAILAND

OCEANIA

AUSTRALIA
NEW ZEALAND



National and International Certification



1977 · PROTECTION · CARE · SAFETY · 2017

"The hard work of each of us and loyalty of all our customers have made it possible for us to reach the milestone of the first 40 years in business.

An achievement born from a simple idea with a great ambition: to pass our concept of protection on to anyone wanting to join our mission.

Putting worker protection at the core of our and your choices, we are ready to welcome any new challenge that the market will offer us."

KASCO SRL

K80S T9 PAPR

Applications

- ✓ Agriculture (spraying and weeding with tractor/service machine)

Features

NIOSH APPROVAL TC-23C-1562
 MAX AIRFLOW AT 20° C-60%RH* 270 l/min
 MIN AIRFLOW AT 20° C-60%RH 240 l/min
 HELMET WEIGHT 770 g
 COMPLETE RESPIRATOR WEIGHT 2,73 Kg
 SOUND LEVEL 79 dBA
 POWER 12V-13.8V
 BATTERY TYPE NA
 RECHARGING TIME NA
 RUNNING TIME NA
 AVAILABLE SIZES Adjustable headband

STANDARD COMPONENTS	QTY
Helmet	1
Blower unit	1
Belt	1
Power cord	1
Dash socket	1
Breathing tube	1
Airflow indicator	1
3-way filter connection	1
ZA2P3 (HE/OV) Cartridges	2



Strengths

- ☺ Equipped with a flip-up visor, this respirator is specifically designed for lengthy spraying operations from tractors or service machines. It combines a **good level of comfort and technical performance to a very convenient price.**
- 🔌 The respirator is powered directly from the tractor and is ideal for the worker who needs a comfortable product.
- ⚖️ The completely sealed T9 blower unit is worn at the waist. It is designed to be as light as possible in order to reduce worker fatigue during lengthy spraying operations.

Models

CODE	DESCRIPTION	AUTONOMY/TYPE	CARTRIDGES	SIZE
0313063	K80S T9 PAPR	NA	HE/OV	ADJUSTABLE

K80S T8N SP8 PAPR

Applications

🌿 Agriculture (spraying and weeding with tractor/service machine)

Features

NIOSH APPROVAL TC-23C-1572
 MAX AIRFLOW AT 20° C-60%RH* 230 l/min
 MIN AIRFLOW AT 20° C-60%RH 210 l/min
 HELMET WEIGHT 770 g
 COMPLETE RESPIRATOR WEIGHT 4 Kg
 SOUND LEVEL 73 dBA
 POWER 6V
 BATTERY TYPE Pb
 (SP8 Converter cord: Input 12V / 24V)
 RECHARGING TIME 8h
 RUNNING TIME >6h
 AVAILABLE SIZES Adjustable headband

STANDARD COMPONENTS QTY

Helmet	1
Blower unit	1
Belt	1
Battery	1
Dash socket	1
Electric cord	1
Converter cord	1
Breathing tube	1
Airflow indicator	1
ZA2P3 (HE/OV)	2
Cartridges	



Strengths

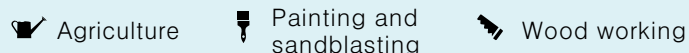
- 🛡️ The K80S T8 powered respirator is one of the more silent models on the market and ensures **complete protection** against particles for an operating time of over 8 hours.
- 🔄 The flip-up visor allows for a **visibility of 180 degrees**.
- 🛡️ The SP8 converter cord **can be used to power the blower unit (P/N 0303038) or to charge the lead acid battery directly from a tractor battery**. The battery, even if fully charged, can remain connected to the SP8 without it undergoing damage, if the latter is kept energized.

Models

CODE	DESCRIPTION	AUTONOMY/TYPE	CARTRIDGES	SIZE
0313141	K80S T8N SP8 PAPR	6h / 6V	HE/OV	ADJUSTABLE

K80S T8N PAPR

Applications



Features

NIOSH APPROVAL TC-23C-1572
MAX AIRFLOW AT 20° C-60%RH* 230 l/min
MIN AIRFLOW AT 20° C-60%RH 210 l/min
HELMET WEIGHT 770 g
COMPLETE RESPIRATOR WEIGHT 3,90 Kg
SOUND LEVEL 73 dBA
POWER 6V
BATTERY TYPE Pb
RECHARGING TIME 8h
RUNNING TIME >6h
AVAILABLE SIZES Adjustable headband

STANDARD COMPONENTS	QTY
Helmet	1
Blower unit	1
Belt	1
Battery	1
Electric cord	1
Battery charger	1
Breathing tube	1
Airflow indicator	1
ZA2P3 (HE/OV) Cartridges	2



Strengths

- Designed to be used with two filters this respirator represents the ideal device for protection against **solid and liquid aerosols, particles and organic vapors.**
- This respirator is ideal for jobs requiring full protection for long term work.
- The respirator has one of the lowest sound levels to be found on the market.

Models

CODE	DESCRIPTION	AUTONOMY/TYPE	CARTRIDGES	SIZE
0313195	K80S T8N PAPR	>6h / 6V	HE/OV	ADJUSTABLE

K80E T8N PAPR

Applications



Chemical and pharmaceutical industry



Metal working



Working with fibreglass and minerals

Features

NIOSH APPROVAL TC-23C-1572
 MAX AIRFLOW AT 20° C-60%RH* 230 l/min
 MIN AIRFLOW AT 20° C-60%RH 215 l/min
 HELMET WEIGHT 980 g
 COMPLETE RESPIRATOR WEIGHT 4,10 Kg
 SOUND LEVEL 73 dBA
 POWER 6V
 BATTERY TYPE Pb
 RECHARGING TIME 8h
 RUNNING TIME >6h
 AVAILABLE SIZES Adjustable headband



STANDARD COMPONENTS	QTY
Helmet	1
Blower unit	1
Belt	1
Battery	1
Electric cord	1
Battery charger	1
Breathing tube	1
Airflow indicator	1
ZA2P3 (HE/OV) Cartridges	2

Strengths



This respirator model with the T8N blower unit ensures an **airflow of about 230 l/min** and is ideal for the worker who needs a comfortable product with an excellent airflow.



Designed for **easy cleaning and decontamination** of the various components, respirators with helmets represent a viable alternative to the face mask in areas such as cutting, grinding, casting, etc.



The **audible alarm airflow indicator** ensures proper operation by signaling any malfunction immediately.

Models

CODE	DESCRIPTION	AUTONOMY/TYPE	CARTRIDGES	SIZE
0313083	K80E T8N PAPR	>6h / 6V	HE/OV	ADJUSTABLE

K80E T8A PAPR

Applications



Chemical and pharmaceutical industry



Construction and renovation



Working with fiberglass and minerals

Features

NIOSH APPROVAL TC-21C- 627
 MAX AIRFLOW AT 20° C-60%RH* 250 l/min
 MIN AIRFLOW AT 20° C-60%RH 230 l/min
 HELMET WEIGHT 980 g
 COMPLETE RESPIRATOR WEIGHT 3,35 Kg
 SOUND LEVEL 73 dBA
 POWER 6V
 BATTERY TYPE Pb
 RECHARGING TIME 8h
 RUNNING TIME >6h
 AVAILABLE SIZES Adjustable headband



STANDARD COMPONENTS	QTY
Helmet	1
Blower unit	1
Belt	1
Battery	1
Electric cord	1
Battery charger	1
Breathing tube	1
Airflow indicator	1
ZP3 (HE) Filters	2

Strengths



Ideal for **lengthy jobs** in environments with high dust concentrations.



Equipped with a fixed visor, this respirator is specifically designed for workers who needs a very high level of protection.



Designed for **easy cleaning and decontamination** of the various components, the respirators with helmets represent a viable alternative to the face mask in sectors such as asbestos removal and environmental remediation.

Models

CODE	DESCRIPTION	AUTONOMY/TYPE	FILTERS	SIZE
0313084	K80E T8A PAPR	6h / 6V	HE	ADJUSTABLE

KOMPAT88 PAPR

Applications

- Construction, Building, renovation
- Working with fibreglass and minerals
- Painting and Sandblasting

Features

NIOSH APPROVAL TC-21C-633
 MAX AIRFLOW AT 20° C-60%RH* 280 l/min
 MIN AIRFLOW AT 20° C-60%RH 260 l/min
 HELMET WEIGHT 2 kg
 COMPLETE RESPIRATOR WEIGHT 2,25 Kg
 SOUND LEVEL 75 dBA
 POWER 10.8V
 BATTERY TYPE NiCd
 RECHARGING TIME 6h
 RUNNING TIME >6h
 AVAILABLE SIZES Adjustable headband



STANDARD COMPONENTS	QTY
Helmet	1
Battery charger	1
Airflow indicator	1
ZP3 (HE) Filters	2

Strengths



- A unique, one of a kind respirator – It is the only **compact version of integrated helmet** with **fixed visor** for optimal worker protection against particles and liquid & solid aerosols.
- This respirator is designed with built-in blower units and batteries – features which provide **freedom of movement** as no accessories need to be carried at the waist.
- The model is designed for immediate use. After adjusting the headband size, press the start button inside the helmet, don, tighten collar drawstring round the neck and you are ready to start working.

Models

CODE	DESCRIPTION	AUTONOMY/TYPE	FILTERS	SIZE
0313143	KOMPAT88 PAPR	6h / NiCd	HE	ADJUSTABLE

PROF88 PAPR

Applications

-  Agriculture
-  Painting and Sandblasting




Features

NIOSH APPROVAL TC-21C-633
 MAX AIRFLOW AT 20° C-60%RH* 280 l/min
 MIN AIRFLOW AT 20° C-60%RH 260 l/min
 HELMET WEIGHT 2 kg
 COMPLETE RESPIRATOR WEIGHT 2,25 Kg
 SOUND LEVEL 75 dBA
 POWER 10.8V
 BATTERY TYPE NiCd
 RECHARGING TIME 6h
 RUNNING TIME >6h
 AVAILABLE SIZES Adjustable headband



STANDARD COMPONENTS	QTY
Helmet	1
Battery charger	1
Airflow indicator	1
ZP3 (HE) Filters	2

Strengths

-  A unique model. It is the only **compact integrated helmet** of its kind with a **flip-up visor** for better worker protection against dust.
-  The model is designed for **immediate use**. After adjusting the headband size, the worker simply has to press the start button inside the helmet, don the helmet and tighten collar drawstring around the neck.
-  The respirator is designed to offer a solution with blower units and battery built-into in the helmet. This feature provides **freedom of movement** without the need to carry accessories at the waist.

Models

CODE	DESCRIPTION	AUTONOMY/TYPE	FILTERS	SIZE
0313072	PROF88 PAPR	6h / NiCd	HE	ADJUSTABLE

K80E AL1N TYPE C SAR

Applications

🔧 Painting and Sandblasting

🏗️ Construction,
Building, renovation

Features

NIOSH APPROVAL TC-19C-317

MAX AIRFLOW AT 20° C-60%RH 240 l/min

MIN AIRFLOW AT 20° C-60%RH NA

HELMET WEIGHT 980 g

COMPLETE RESPIRATOR WEIGHT 7,30 Kg

SOUND LEVEL 78 dBA

POWER 4.9-7.4 bar (70-105 Psi)

BATTERY TYPE NA

RECHARGING TIME NA

RUNNING TIME NA

AVAILABLE SIZES Adjustable headband



STANDARD COMPONENTS

QTY

Helmet	1
Air control unit	1
Belt	1
AL 7,6m airline hose	1
Breathing tube	1
Noise reducer	1
Airflow indicator	1

Strengths



Suitable for **confined spaces** where the presence of oxygen is not guaranteed and for work in presence of a very high dust concentration.






The flexible 7,6m airline hose ensures a wide span of operation.

Models

CODE	DESCRIPTION	AUTONOMY/TYPE	FILTERS	SIZE
0313190	K80E AL1N TYPE C SAR	NA	NA	ADJUSTABLE

VENUS1 P100 APR

Applications

-  Metal working
-  Pesticide Spraying in Agriculture
-  Waste management




Features

- NIOSH APPROVAL TC-84A-2024
- SIZE SINGLE
- FACE BLANK EPDM
- HARNESS ATTACHMENT 5 POINTS
- LENS POLYCARBONATE
- COMPLETE RESPIRATOR WEIGHT 710 g

STANDARD COMPONENTS	QTY
Full face mask	1
P100 Filter	1



Strengths

-  Designed to offer a simple but reliable solution for the **protection of the respiratory tract, face and eyes.**
-  The VENUS1 P100 Respirator is versatile. Produced in a single size it is suitable for most **industrial applications.**
-  The faceblank is manufactured in high **quality odorless EPDM** which does not cause allergies or perspiration provoked discomfort.

Models

CODE	DESCRIPTION	SIZE
0323014	VENUS1 P100 APR	Single

FILTERS AND CARTRIDGES

WHY CHOOSE A KASCO FILTER

The KASCO branded cartridges and filters are manufactured through a unique process which combines the skillful work of **craftmanship, testing and serialization**.

Each filter is part of an implemented, completely automated process which ensures **the highest levels of filter efficiency**.

Kasco branded filters, essential for the proper functioning of our respirators, stand out for their **long life and reduced respiratory resistance**.

FEATURES




DIAMETER

110 mm diameter for an enhanced airflow.

ADJUSTABLE GRID

Adjustable grid for easy decontamination also under the shower.

MODELS

PHOTO	CODE	DESCRIPTION	PROTECTION	TO USE WITH:	COLOR MARKING
	0601023	ZP3 FILTER	HE (1)	K80E T8A PAPR PROF88 PAPR KOMPAT88 PAPR	MAGENTA
	0601019	ZA2P3 FILTER	HE/OV (2)	K80S T9 PAPR K80S T8N PAPR K80S T8N SP8 PAPR K80E T8N PAPR	MAGENTA BLACK
	0601048	P100 FILTER	P100 (3)	VENUS1 P100 APR	MAGENTA

(1) HE – High Efficiency Particulate Air filter for powered air–purifying respirators

(2) HE – High Efficiency Particulate Air filter for powered air–purifying respirators
OV – Organic Vapor

(3) P100 – Particulate Filter (99.97% filter efficiency level)

COMPONENTS



SP9 POWER CORD

Power cord for connection to the 12 Volt cigarette lighter socket. The cord powers the blower unit P/N 0303006 which supplies filtered air to the K80S T9 PAPR. (for model K80S T9 only)

COD.0309153



TEAR OFF VISOR

Tear off visor for PAPR with K80S type helmets.

COD.1903007



3WAY CONNECTION

Connection for mounting extra filter / cartridge on blower. (for model K80S T9 only)

COD.0309023



PREFILTER GRID

Grid for holding the prefilter in place.

COD.0705006



CIGARETTE LIGHTER DASH SOCKET

Accessory to be mounted onto the tractor/service machine dash to which the power cord gets connected.

COD.1301011 (1301008)



PREFILTER

Particulate prefilter to prolong the life of the particle section of cartridges.

COD.1307008



TINTED VISOR

Ideal for protection against ultraviolet rays of the sun. (for model K80S only)

COD.1903006



SP88 CONVERTER CORD

Power cord for connection to the 12 Volt cigarette lighter socket. The cord powers the PROF88 PAPR and KOMPAT88 PAPR.

COD.0105066

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