

PRODUCT NUMBER: A114106 JUNIOR A VL

JUNIOR A VL is part of the Honeywell <u>light duty airhoods</u> range designed for use with powered air purifying respirator (PAPR) as Compact Air 200, Compact Air or Airbelt. This model is fully transparent and it can be equipped with a cape for increase protection.

It is recommended in working area where protection is required for respiratory organs, face and head against harmful particles, mists, gasses and vapours.

This system procures air to the user via the supply hose connected between PAPR (equipped with filters) and the hood. The filtered airflow enters at the rear and flows through the airduct and leaves the hood via the face collar

Honeywell

Overview

Reference Number

A114106

Product Type

Respiratory Protection

Range

Powered Air Purifying Respirators

Line

PAPR with Hoods or Visors

Brand

Honeywell

Brand formerly known as

NORTH

Industry

- Automotive and Part Manufacturer
- Building and Construction
- Chemical Industries
- General Industry

MaintenanceProduct Use

- Paint spraying
- Light chemical handlings

Features & Benefits

Feature

Great comfort and fitting

Benefit

Clear acetate visors for additional light inside the hood which procures excellent field of vision. The device is equipped with soft, elastic and washable face seal and an unique system of spring loaded clamps for disposable visors.

Feature

Security

Benefit

Wide field of vision thanks to the size and to disposable visor-system allowing removal during operations and protecting

JUNIOR A VL (airhood for PAPR use)

the main hood visor against damage and/or splashes. The full face seal ensures a protective overpressure all around the face and an optional cape can be used to protect the upper and back part of the head and neck.

Technical Description

Mask

Material

Visor, brow guard and chin guard in Cellulose acetate / Clamps in stainless steel / Face seal in cotton

Certifications

E.C. Declaration of Conformity

EC Category PPE

3

EC Certificate Number

7338 A/12/37 PSA

EC Attestation

CA200 CE Certificate

EC Attestation Number

7338 A/12/37 PSA

Certifications

• EN 12941

Literature & Documents

DOC3188_Compact Air 200 Series_UK

http://www.honeywellsafety.com/supplementary/documents_and_downloads/respiratory_protection/papr/4294974975/1033.aspx

Additional Information

User Manual

User manual

Maintenance

Storage Information

The airhoods must be stored in a clean, dry environment away from any contaminants, dust and direct sunlight. It must be stored in its original box, any carrying case, or in an enclosed wall case.

Care Instructions

Controls before use

• Ensure that the system, after being last used, has been cleaned in the correct manner, disinfected end checked in accordance with manufacturer instructions inside user manual.

Donning the Junior A Hood

- Connect the supply hose from the powered air purifying respirator (Airbelt, Compact Air or Compact Air 200) to the rear
 of the air hood.
- Buckle the belt round the body and switch on the respirator.

JUNIOR A VL (airhood for PAPR use)

• Fit the air hood on the head, tighten the beltanddraw the face seal under the chin

Cleaning

- After each session clean the air hood, using a mixture of water and a mild solution (ref.1779065 EPI U-S)
- Subsequently, rinse thoroughly with clean water. (Do not use any solvents).
- Using a disinfectant, clean the inner surfaces of the air hood.
- Using a dry cloth, dry all the metal components, so avoiding corrosion

Parts & Accessories

Accessories For use with Junior A VL

TYPE	DESCRIPTION	REFERENCES
BLOWER	Compact Air®200 Blower unit, rechargeable battery, battery charger, belt with back plate, breathing hose for hoods, airflow indicator and plastic carrying case	A150401
	Compact Air® Blower unit for particles, gasses and vapours - rechargeable NiMH battery - support belt -P3 filter - hose and plastic carrying case	A150102
	Airbelt Blower unit for particles including an electronic warning device for filter or low battery - with rechargeable NiMH battery - charger - support belt - P3 filter and hose and plastic carrying case	A150050
ALUMINUM FILTERS	P3	A168091
FILTERS	A2P3	1783010
	AB2P3	1783040
	ABEK2P3	1784000
	ABEKHgP3	1785019
PLASTIC FILTER	P3	1786000

Spare Parts

numbers	Part number	Description
1	A160734	Disposable visor (Qty 100/pack)
2	A160733	Visor, cellulose acetate
3	A160669	Pliers visors (by pair)
4	A161014	Chin

JUNIOR A VL (airhood for PAPR use)

5	A161019	Frontal protection
6	A160128	Face seal
7	A160213	Headband with air duct
8	A160251	Disposable hood (x10)
9	A160219	Yellow protective cape (PU)
10	A161472	Sweatband

Spare Parts File

Junior A VI technical View

Packaging

EAN Code

8713223156967

Packaging Specs Individual Box

25x32,5x30

Unit of Measure

cm

Quantity per Box/Pack/Case

1

Quantity per Carton

4

© Honeywell International Inc.

EG-Baumusterprüfbescheinigung EC-Type Examination Certificate

(2) Richtlinie des Rates vom 21. Dezember 1989 zur Angleichung der Rechtsvorschriften der Mitgliedstaaten für persönliche Schutzausrüstungen - Richtlinie 89/686/EWG Council Directive of 21 December 1989 on the approximation of the laws of the member states relating to personal protective equipment - 89/686/EEC

(3) Nr. der EG-Baumusterprüfbescheinigung:

No. of EC-Type Examination Certificate:

7338 A/12/37 PSA

(4) Produkt:

Product:

Atemschutzgeräte – Gebläsefiltergeräte mit einem Helm oder einer Haube, Baureihe Respiratory protective devices – Powered filtering devices incorporating a helmet or a hood, series

Compact Air 200

(5) Hersteller:

Manufacturer

Honeywell Respiratory Safety Products France S.A.S

(6) Anschrift:

Address

ZI PARIS NORD II - B.P. 50288, 33, rue des Vanesses, 95958 ROISSY CDG Cedex, France

(7) Die Bauart dieser persönlichen Schutzausrüstung sowie die verschiedenen zulässigen Ausführungen sind in dem Anhang zu dieser Baumusterprüfbescheinigung festgelegt. The design and construction of this personal protective equipment and any acceptable variation thereto are specified in the appendix to this type examination certificate.

(8) Die Zertifizierungsstelle der DEKRA EXAM GmbH, benannte Stelle Nr. 0158 gemäß Artikel 9 der Richtlinie 89/686/EWG des Rates vom 21. Dezember 1989, bescheinigt, dass diese persönliche Schutzausrüstung die grundlegenden Anforderungen für Gesundheitsschutz und Sicherheit gemäß Anhang II der Richtlinie erfüllt. Die Ergebnisse der Prüfung sind in den im Anhang genannten Prüfberichten niedergelegt.

The certification body of DEKRA EXAM GmbH, Notified Body No. 0158 according to Article 9 of Council Directive 89/686/EEC of 21/December 1989, certifies that this personal protective equipment has been found to comply with the Essential Health and Safety Requirements given in Annex II to the Directive. The examination and test results are recorded in the test and assessment reports mentioned in the appendix of this certificate.

(9) Die grundlegenden Sicherheits- und Gesundheitsanforderungen werden erfüllt durch Übereinstimmung mit The Essential Health and Safety
Requirements are assured by compliance with

EN 12941:1998 + A1:2003 + A2:2008

- (10) Diese EG-Baumusterprüfbescheinigung bezieht sich nur auf die Konzeption und die Baumusterprüfung der beschriebenen persönlichen Schutzausrüstung in Übereinstimmung mit der Richtlinie 89/686/EWG. Für Herstellung und Inverkehrbringen der persönlichen Schutzausrüstung sind weitere Anforderungen der Richtlinie zu erfüllen, die nicht durch diese Bescheinigung abgedeckt sind.
- This EC-Type Examination Certificate relates only to the design, examination and tests of the specified personal protective equipment in accordance to Directive 89/686/EEC. Further requirements of the Directive apply to the manufacturing process and supply of this personal protective equipment. These are not covered by this certificate.
- (11) Der Hersteller ist verpflichtet, beim Anbringen der CE-Kennzeichnung an den mit dem Baumuster übereinstimmenden Produkten, der CE-Kennzeichnung die Kennnummer der benannten Stelle, welche die Kontrolle der fertigen PSA durchführt, hinzuzufügen.

When applying the CE Marking to the products that conform to the types examined, the client is obliged to add, in accordance with the attached pattern, the identification number of the Notified Body engaged in production control.

CEXXXX

(12) Diese EG-Baumusterprüfbescheinigung ist gültig bis

This EC-Type Examination certificate is valid

15.08.2017

DEKRA EXAM GmbH Bochum, 15.08.2012

Zertifizierungsstelle

Certification body

Fachbereich

(13) Anhang Appendix

ur

(14) EG-Baumusterprüfbescheinigung EC-Type Examination Certificate

7338 A/12/37 PSA

für die Firma for the company

Honeywell Respiratory Safety Products
ZI PARIS NORD II - B.P. 50288, 33, rue des Vanesses, 95958 ROISSY CDG Cedex, France

(15) <u>15.1 Gegenstand und Typ</u> <u>15.1 Subject and type</u>

Atemschutzgeräte - Gebläsefiltergeräte mit einer Haube oder mit einem Helm , Baureihe devices incorporating a hood or a helmet, series

COMPACT AIR 200 blower unit system THy Gas z/P/R/SI

15.2 Beschreibung 15.2 Description

siehe 15.1 see 15.1

15.3 Kenngrößen 15.3 Parameters

entfällt not applicable

(16) Besondere Bedingungen für die sichere Special/conditions/for safe use Anwendung

keine

(17) Dieser Anhang besteht aus

Anlage A Gebläsegerät Annex A Blower Unit Annex B Hoods/Helmets

(18) Matrix kombinierbarer Baugruppen // Matrix of allowed/combinations of/components

entfällt entfällt

DEKRA EXAM GmbH

Bochum, 15.08.2012

Zertifizierungsstelle Certification body Fachbereic

Fachbereich Special services unit

Anlage A

Annex A

Gebläsegerät

Blower Unit

zur

EG-Baumusterprüfbescheinigung

to

EC-Type Examination Certificate

7338 A/12/37 PSA

für die Firma

for the company

Honeywell Respiratory Safety Products
ZI PARIS NORD II - B.P. 50288, 33, rue des Vanesses, 95958 ROISSY CDG Cedex, France

A1 Compact air 200 (P/n A150401)

Prüfbericht(e) Nr.

Datum

Test report(s) no

Date

7338.1 A/12

15.08.2012

DEKRA EXAM GmbH Bochum, 15.08.2012

Zertifizierungsstelle

Certification body

Fachbereich

An	lad	9	R
/ \111	ay		\boldsymbol{L}

Annex B

Hauben/ Helmen

Hoods/helmets

zur

to

EG-Baumusterprüfbescheinigung

EC-Type Examination Certificate

7338 A/12/37 PSA

für die Firma

for the company

Honeywell Respiratory Safety Products
ZI PARIS NORD II - B.P. 50288, 33, rue des Vanesses, 95958 ROISSY CDG Cedex, France

B1 PRIMAIR PA111 Hood white Klasse/ class TH3

Prüfbericht(e) Nr.

Datum

Test report(s) no 7338.1 A/12

Date 15.08.2012

B2 PRIMAIR PA121 Hood white Klasse/ class TH3

Prüfbericht(e) Nr.

Datum

Test report(s) no

Date

7338.2 A/12

15.08.2012

DEKRA EXAM GmbH Bochum, 15.08.2012

Zertifizierungsstelle

Certification body

Fachbereich

Anlage C Annex C

Filter Filters

zur to
EG-Baumusterprüfbescheinigung EC-Type Examination Certificate

7338 A/12/37 PSA

für die Firma for the company

Honeywell Respiratory Safety Products
ZI PARIS NORD II - B.P. 50288, 33, rue des Vanesses, 95958 ROISSY CDG Cedex, France

C1 P R SL Filter (P/n 1786000)

Prüfbericht(e) Nr. Datum

Test report(s) no Date

7338.1 A/12 15.08.2012

C2 P R SL Filter (P/n 1786100)

Prüfbericht(e) Nr. Test report(s) no

7338.1 A/12 15.08.2012

DEKRA EXAM GmbH Bochum, 15.08.2012

Zertifizierungsstelle Certification body

/Fachbereich/

Anlage B Annex B

Hoods/helmets Hauben/ Helmen

to ZUr

EC-Type Examination Certificate EG-Baumusterprüfbescheinigung

7338 A/12/37 PSA

für die Firma for the company

Honeywell Respiratory Safety Products ZI PARIS NORD II - B.P. 50288, 33, rue des Vanesses, 95958 ROISSY CDG Cedex, France

PRIMAIR PA111 Hood white Klasse/ class TH3 **B1**

> Prüfbericht(e) Nr. Datum

Date Test report(s) no

15.08.2012 7338.1 A/12

PRIMAIR PA121 Hood white Klasse/ class TH3 B₂

> Prüfbericht(e) Nr. Datum Date

Test report(s) no 7338.2 A/12 15.08.2012

B3 Junior B-VL Hood (P/n A114400) Orange Klassel class TH3

> Prüfbericht(e) Nr. Datum

Test report(s) no Date 7736 A/13 08.01.2013

B4 Junior A- VL Hood (P/n A114106) Klasse/ class TH1

Prüfbericht(e) Nr. Datum

Test report(s) no Date

7728 A/13 08.01.2013

B5 Junior B Combi VL Hood Polyurethane (P/n/A/1/4200) Orange Klasse/ class /TH3 Datum

Prüfbericht(e) Nr. Test report(s) no

Date

18.03.2013 7756 A/13

Junior B Combi VL Hood Neoprene (P/n/A114201) Yellow Klassel class TH3 **B6**

Prüfbericht(e) Nr.

Prüfbericht(e) Nr.

Test report(s) no

Test report(s) no

7756 A/13

18.03.2013

B7 Kolibri VL Hood (P/n A114102) Klasse/ class TH1

Prüfbericht(e) Nr.

Datum

Test report(s) no

Date

7833 A/13

26.03.2013

B8 Primair- VL Hood (P/n A114110) Klasse/ class TH2

Prüfbericht(e) Nr.

Datum

Test report(s) no

Date

7832 A/13

22.03.2013

Euromaski VL welding Hood (P/n A114703) Klasse/ class TH2 **B9**

Prüfbericht(e) Nr. Test report(s) no

Datum Date

7831 A/13

09.04.2013

DEKRA EXAM GmbH Bochum, 09.04.2013

Zertifizierungsstelle Certification body

Fachbereich

Anlage C Annex C

Filter Filters

zur to
EG-Baumusterprüfbescheinigung EC-Type Examination Certificate

7338 A/12/37 PSA

für die Firma for the company

Honeywell Respiratory Safety Products France
ZI PARIS NORD II - B.P. 50288, 33, rue des Vanesses, 95958 ROISSY CDG Cedex, France

C1 P R SL Filter (P/n 1786000)

Prüfbericht(e) Nr. Datum

Test report(s) no Date

7338.1 A/12 15.08.2012

C2 P R SL Filter (P/n 1786100)

Prüfbericht(e) Nr. Test report(s) no

7338.1 A/12 15.08.2012

C3 A2P R SL Filter (P/n 1783010)

Prüfbericht(e) Nr. Test report(s) no

7593.1 A/12 ///////20.09.2012

C4 A2B2P R SL/Filter (P/n/1783040)

Prüfbericht(e) Nr. Test report(s) no

7593.2 A/12 ///////20.09.2012

C5 A2B2E2K2P/R/SL/Filter/(P/n/1784000)

A2B2E2K2P/R/SL/Filter (P/n 1784001)

A2B2E2K2P R SL Filter (P/n 1784002)

Prüfbericht(e) Nr. Test report(s) no

7555 A/12 /// / 25.10.2012

C6 A2B2E2K1P R SL Filter (P/n/1783000)

Prüfbericht(e) Nr. Test report(s) no

7726 A/12 05.12.2012

C7 P R SL Filter (P/n A168091)

Prüfbericht(e) Nr. Test report(s) no

7745 A/12 10.12.2012

C8 A2B2E2K2 Filter (P/n 1781000)

Prüfbericht(e) Nr. Test report(s) no

7744 A/13 27.02.2013

C9 A2B2E2K2Hg P R SL Filter (P/n 1785019)

Prüfbericht(e) Nr. Test report(s) no

7753 A/13 28.02.2013

DEKRA EXAM GmbH Bochum, 28.02.2013

Zertifizierungsstelle Certification body

Fachbereich



E.C. Declaration of Conformity

The manufacturer or its legal representative supplier in the European Community:

Honeywell Safety Products Europe

<u>Declares that the Personal Protective Equipment described here after conforms to the provisions of the European Council Directive 89/686/CEE:</u>

Designation: JUNIOR A VL

Reference: A114106

Standard(s): EN 12941:1998

This PPE is the object of the below EC examination certificate n°:

7338 A/12/37 PSA

Delivered by:

Drawn up in , on the 27/05/2015

By:

Division: Respiratory Protection

HONEYWELL SAFETY PRODUCTS EUROPE Immeuble Edison - ZI Paris Nord II - 33 rue des Vanesses BP 55288 VIIIepinte - 95958 ROISSY CDG CEDEX SAS au capital 17 750 000 € - Sirei 348 489 307 00137 Tel. +331 4990 7970 - Fax 134 4990 7980

> ZI Paris Nord II 33, rue des Vanesses BP 50288 95958 Roissy CDG France Tel: +33 (0) 49 90 79 79 Fax: +33 (0)1 49 90 79 80 www.honeywellsafety.com

How to order your Compact Air® 200 kit?

One unit does it all!

Compact Air® 200 Series - a simplified equipment selection process:

To purchase a complete PAPR system you only have to choose three parts:
one kit (to be used with hoods/welding helmets or masks), the headpiece and
the filters. Optional spare parts and accessories are available if needed, such
as longer air hoses, special belts for easy decontamination.

1 Select your Compact Air® 200 kit

Hood and welding helmets version - A150401 - Compact Air® 200 Bayonet kit: blower unit, lithium-ion battery pack and housing, universal battery charger, belt with comfort pad, breathing tube for hoods (840mm length), air flow indicator and carrying case with moulded foam lining.

Mask version - A150400 - Compact Air® 200 Din thread kit*: blower unit, lithium-ion battery pack and housing, universal battery charger, belt with comfort pad, breathing tube for masks (970mm length), air flow indicator and carrying case with moulded foam lining.

2 Select your facepiece

Hood	Welding helmet	Mask
H000	weiging neimet	IVIAS

For your choice of hood, welding helmet and mask refer to the configuration table included in this document.

3 Select your filter

FILTERS CERTIFIED FOR USE WITH COMPACT AIR® 200				
P3	A2P3 R SL	AB2P3 R SL	ABEK2P3 R SL	ABEK2HgP3 R SL
1786000 or A168091	1783010 or A168099*	1783040 or A168103*	1784000 or A168104*	1785019 or A168112*

Please refer to the configuration table included in this document.

4 Select your spare parts and optional accessories

A160712	Sealing rings - 10 pcs	A161370	Breathing tube for bayonet kit, 840mm length
CA222EU	Lithium-ion battery pack and housing	A161356	Breathing tube for bayonet kit, 970mm length
CA231EU	Universal battery charger	A161378	Breathing tube, DIN*
A160696	Belt and comfort pad	A160531	Air Flow indicator
A160723	Comfort pad	A160368	Carrying case with moulded foam lining
A160684	PVC decontamination belt	A161301-10	Hose cover Tyvek® -10 pcs
A160727	PVC decontamination comfort pad		



The Compact Air® 200 complete system includes:

Blower unit, lithium-ion battery pack and housing, universal battery charger, belt with comfort pad, breathing tube, air flow indicator and carrying case with moulded foam lining.

SPECIFICATION			
BLOWER UNIT		LITHIUM-ION BATTERY PACK AND HOUSING	
Туре	Impact resistant ABS	Туре	Lithium-ion rechargeable
Filters	3xEN 148-1 threaded connection	Voltage	7.2v
Air hose length	840mm Option 970mm	Operating time	8-13 hours
Connection	EN148-1 bayonet/threaded connection	Charging time	8 hours
Weight	410g	Housing	Impact resistant ABS
Dimensions	145 x 112 x 93mm	Weight	510 g
		Dimensions	105 x 80 x 78mm
UNIVERSAL BATTERY CHARGER		CARRYING CASE WITH MOULDED FOAM LINING	
Туре	Fully automatic	Material	Polypropylene
Primary voltage	110-220V/50-60Hz	Dimensions	380 x 330 x 132mm
Secondary voltage	4.8v/7.2v		
Weight	270g		
Dimensions	108 x 67 x 36mm		
TECHNICAL DATAS			
Approvals		EN12941 (TH1-TH2-TH3) / EN12942* (TM2-TM3) / CE 0194	
Type of filters/prote	ection	Particulates only and combined particulates, gas & vapour	
Weight of the apparatus (without filters and breathing tube)		1,05kg	
Air flow		Minimum 170 I/min, automatic adjustment to meet EN requirements	
Maximum humidity		< 80%	
In-use and storage temperature range		-10°C / +50°C	
Recharging temperature (battery)		0°C / +30°C	

*EN certification pending.

For all the undated standards mentioned, please refer to the latest version.

HONEYWELL SAFETY PRODUCTS

HONEYWELL SAFETY PRODUCTS EUROPE SAS

Immeuble Edison Paris Nord 2 33 rue des Vanesses - CS 55288 Villepinte 95958 Roissy CDG Cedex - France Tél: +33 (0)1 49 90 79 79 Fax: +33 (0)1 49 90 71 04

Email: info-export.hsp@honeywell.com

SPERIAN PROTECTION (UK) LIMITED

Unit 3 Elmwood, Chineham Park, Basingstoke, RG24 8WG Phone: +44 (0) 1256 693 200 Fax: +44 (0) 1256 693 300 Email: info-uk.hsp@honeywell.com

www.honeywellsafety.com

05/2013 © 2013 Honeywell International Inc

Lead them to safety - Build an enduring culture of safety through comprehensive education, innovative technologies, and comfortable, high-performance products. Honeywell Safety Products is the ideal partner for a cultural transformation that inspires workers to make safer choices on their own.

Honeywell

Powered Air Purifying Respirator (PAPR)





Compact Air® 200 Series PAPR "No Worry, No Guesswork"

Honeywell

The Compact Air® 200 Series PAPR is easy to use. It includes multiple alarms, giving you the heads up you need to work as long as possible without having to guess when the battery will need recharging or your filters need changing.

Increased Safety

Utilizes a triple alarm system (audible, visual and vibration). When 10% of the battery life remains the alarm system will alert the user, which will increase to a continuous audible alarm at 5%. An alarm will also be triggered when filters (P3 filter components) are blocked or clogged.

- The audible alarm is located near the breathing tubes, allowing the alarm sound to be heard, even in noisy environments.
- In addition, a vibrating alarm is activated, which can even be felt through thick clothing, thus ensuring that workers who are hearing impaired or are working in extremely noisy environments will be alerted to a low battery or clogged filters (P3 filter components).

I Finally, the third alarm is an LED light which will let the worker know if the battery is low or if the P3 filter components need changing.





In-use status

Alarm triggered

Three conditions are monitored for alarm:

ALARM CONDITION	AUDIBLE ALARM	VIBRATORY ALARM	VISUAL ALARM
10% battery life remaining	Four beeps for every 30 seconds	Vibration for four seconds at 30 second intervals	CHECK BATTERY LED light will change from green to red
5% battery life remaining	Continuous beeps until battery expires	-	CHECK BATTERY LED light remains red
Blocked or clogged filters (P3 filter components)	Continuous beeps	Vibration for three seconds at 10 second intervals	CHECK FILTER LED light will change from green to red

Comfort and Performance

Lightweight lithium-ion battery

- The lightweight battery provides improved comfort for longer wear.
- The "zero-memory" feature allows the end-user to use the battery without draining it before recharging.
- The battery provides a minimum of eight hours service life depending on the type of filter and particulate concentration.

Airflow automatically adjusts to meet EN requirements

Whatever the level of filter saturation or battery charge is, you will always have the right flow of air. This is maintained electronically at a constant flow rate of 170 L/PM. Other PAPR without sensor adjustment can lose air flow as filters load.

The smart charger recharges in approximately eight hours and cannot over charge

You can safely leave your battery on charge overnight, or for the weekend - it will not be damaged in any way.

Flexibility



One unit for masks, loose fitting hoods or welding helmets

■ The Compact Air® 200 accommodates the preferences of different workers. It offers flexibility for contractors and multi-site locations with varying job needs.

Wide range of hoods and face pieces (16 models)

The hoods, welding helmets and masks can be used for a large range of working environments (welding, chemical, automotive, etc).

Choice of nylon or PVC decontamination belt and comfort pad

The lightweight nylon belt offers maximum comfort. Whereas the PVC belt and comfort pad are used where easy and reliable decontamination is critical.



















*EN certification pending.

(1) The choice between two references of filters depends on the country of manufacturing.

www.honeywellsafety.com www.honeywellsafety.com www.honeywellsafety.com