



INSIST ON THE BEST



CATALOG

Prima Klima — The Professional's Choice

German leaded company manufactured environmental control, air filtration, ventilation and lighting equipment in Czech Republic have earned an unparalleled reputation for quality, consistency and reliability. Serving the industry for over 17 years, there is no better or more trusted choice.

We have designed, tested and refined all our products to meet the needs of our customers. Easy to install and maintain, you simply plug in and get results straight away!

Quality, Consistency and Reliability for Over 17 Years.

Founded in 1995 in Bretten (Germany) Prima Klima Trading now also operates from the Czech Republic producing premium quality products for environmental control and lighting.

With around 70 employees, Prima Klima now exports to over 20 countries worldwide, including the Chile, Brazil, New Zealand, Japan, Israel, Ukraine, Switzerland, and the entire European Union.

Contents

Carbon Filters	1 - 6
CARBOCONE™ Aluminium Light Filters	2
Industry Line	3-4
Eco Line	5
Pre-filters	6



Kombo Kits	7 - 9
Blue Line Fans and Filters	7-8
PK Fans and Filters	9



Ventilators	10-16
One-speed	11
Two-speed	12
Temperature Controlled	13-14
Blue Line	15-16

Temperature Controllers	17
KLC-2M, KLC-2MS	17

Reflectors	18-30
Lucilu	19-20
Air-Cooled	21-22
SPUDNIK	21
COOLTUBE	22
Euro Standard	23-26
Starlight	27
Optomiser™	28
Adjust-a-Wings®	29-30

Sunmaster Lamps	31-33
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Lucilu E-Ballasts	34-35
Non-dimmable 250 W, 400 W, 600 W	34
Dimmable 600 W.....	35

Legend	36-37
Distributors and Major Retailers	38-42

Prima Klima Carbon Filters



Where Efficiency meets Efficacy

Prima Klima use mix of the highest quality and independently certificated coconut shell activated carbon and stone carbon. This unique, natural and renewable material removes unwanted odours without killing the efficiency of your fans. Coconut shell activated carbon boasts more micro pores than mineral and standard vegetal activated carbon and has the best Iodine number for odour removal applications.

- Up to 2 years' lifetime (Industry line) compared with around 9 months for some competitor filters'
- Greater fan efficiency (lower pressure drop)
- Air flow from 240 - 4800 m³/h
- 45 sizes of filters available

Scope of application:

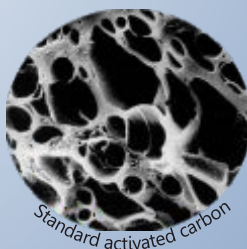
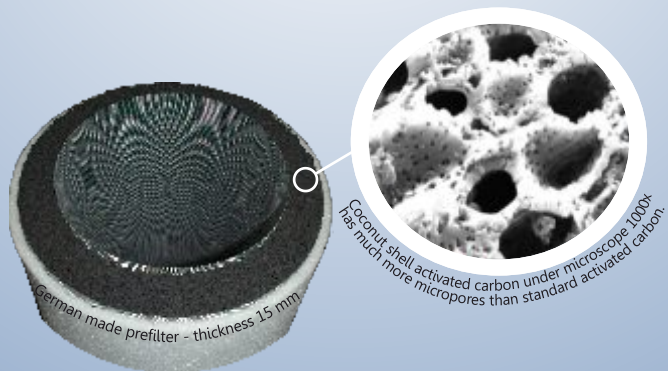
- Food-processing industry, animal-feed industry, kitchens, butchers' shops
- Chemical industry, laboratories
- Office rooms, public buildings
- Lavatories, hospitals, crematories
- Green houses

Temperature: Maximum flow of air temperature = 70°C

Relative humidity: Maximum flow of air humidity = 70%



High quality coconut
shell carbon inside.



Standard activated carbon

CARBOCONE™ Aluminium Light Filters



Filled with activated walnut shell carbon and dressed with F5 white pre-filters, the CARBOCONE™ filters are ideal for cleaning both the incoming, interior or outgoing air from your room.

- Worldwide best activated carbon from walnut shells
- Full aluminium housing → minimum on weight
- Optimized pressure drop
- Lifetime up to 2.5 years
- Super modern design



Article number	Flange	Height (without flange)	Airflow	Quantity per pallet	Weight
K3600	100 mm	300 mm	300 m ³ /h	120 pcs	2.4 kg
K3601	125 mm	350 mm	480 m ³ /h	96 pcs	3.3 kg
K3602	150 mm	500 mm	850 m ³ /h	45 pcs	5.5 kg
K3603	200 mm	500 mm	900 m ³ /h	36 pcs	6.7 kg
K3604	250 mm	750 mm	1100 m ³ /h	12 pcs	12.9 kg

Industry Line - Premium Carbon Filtration for Intensive Applications

For professionals who demand premium performance, durability and quality, look no further than Prima Klima's Industrial Line of carbon filters. **There really is no better carbon filter available in the marketplace.**

In addition to the unbeatable quality of our activated carbon (used in all our filters) Prima Klima has also developed a proprietary technique to ensure that all the carbon settles perfectly in the filter. This means that every single cubic centimetre of activated carbon is fully exploited for its intended purpose: industrial-strength air filtration!

**UNBEATABLE
IN HIGH HUMIDITY
ENVIRONMENT**



We use a higher carbon density in our Industry Line carbon filters that is subject to less movement and produces less carbon dust than competitor filters.

The Industry Line carbon filter boasts premium quality pre-filters and built-in hanging hooks for easier assembly, especially in horizontally mounted hanging positions.

The Industry Line boasts a longer lifetime than any competitor filter - two years!

Article number	Flange	Height without flange	Airflow		Quantity per pallet	Weight
			maximal	optimal		
K1600	100 mm	250 mm	280 m³/h	180 m³/h	144 pcs	2.8 kg
K1601	100 mm	400 mm	420 m³/h	180 m³/h	96 pcs	4.4 kg
K1602	125 mm	200 mm	280 m³/h	240 m³/h	192 pcs	2.8 kg
K1603	125 mm	400 mm	460 m³/h	360 m³/h	96 pcs	5.2 kg
K1604	125 mm	600 mm	700 m³/h	460 m³/h	72 pcs	7.6 kg
K1605	150 mm	500 mm	680 m³/h	460 m³/h	45 pcs	7.3 kg
K1606	150 mm	800 mm	1080 m³/h	820 m³/h	30 pcs	11.2 kg
K1607	160 mm	500 mm	720 m³/h	480 m³/h	45 pcs	7.9 kg
K1608	160 mm	800 mm	1150 m³/h	880 m³/h	30 pcs	12.2 kg
K1609	200 mm	500 mm	1090 m³/h	810 m³/h	36 pcs	9.2 kg
K1610	200 mm	800 mm	1650 m³/h	1150 m³/h	24 pcs	14.1 kg
K1611	250 mm	750 mm	1800 m³/h	1200 m³/h	14 pcs	17.2 kg
K1612	250 mm	1000 mm	2700 m³/h	1800 m³/h	12 pcs	22.0 kg
K1613	315 mm	750 mm	2700 m³/h	1800 m³/h	12 pcs	26.0 kg
K1614	315 mm	1000 mm	3600 m³/h	2400 m³/h	12 pcs	33.2 kg
K1615	315 mm	1250 mm	4700 m³/h	2800 m³/h	8 pcs	42.0 kg

Eco Line – Reliable and Affordable Air Filtration



Easy to install and super-reliable, the activated carbon inside each filter effectively removes all odours from your room whilst allowing your ventilation fans to work more efficiently than competitor carbon filters.

Filled with activated stone coal and dressed with F5 white pre-filters, the Eco Line carbon range of carbon filters are ideal for cleaning both the incoming, interior or outgoing air from your room.



Article number	Flange	Height (without flange)	Airflow		Quantity per pallet	Weight
			maximal	optimal		
K2600flat	100/125 mm	135 mm	250 m³/h	200 m³/h	132 pcs	2.5 kg
K2601flat	100/125 mm	250 mm	440 m³/h	360 m³/h	90 pcs	3.6 kg
K2600mini	100/125 mm	180 mm	240 m³/h	160 m³/h	192 pcs	1.9 kg
K2600	100/125 mm	250 mm	360 m³/h	240 m³/h	144 pcs	2.4 kg
K2601	100/125 mm	400 mm	480 m³/h	360 m³/h	96 pcs	3.6 kg
K2602	150/160 mm	400 mm	620 m³/h	450 m³/h	60 pcs	5.1 kg
K2603	150/160 mm	650 mm	1150 m³/h	800 m³/h	45 pcs	7.8 kg
K2604	200 mm	500 mm	1100 m³/h	780 m³/h	36 pcs	9.4 kg
K2605	200 mm	750 mm	1600 m³/h	1000 m³/h	27 pcs	14.2 kg
K2606	250 mm	500 mm	1300 m³/h	960 m³/h	18 pcs	11.3 kg
K2607	250 mm	750 mm	2200 m³/h	1300 m³/h	14 pcs	16.8 kg

Pre-filters



Our premium quality Pre-filters are designed to maximise the lifespan of your carbon filter by filtering out larger particles. These replaceable and washable pre-filter sleeves are available for our complete range of carbon filters.

We recommend that Pre-filters are washed and / or replaced after each crop cycle.

Article number	Name
K1700	Pre Filter V300S 100 / 250
K1701	Pre Filter V300S 100 / 400
K1702	Pre Filter V300S 125 / 200
K1703	Pre Filter V300S 125 / 400
K1704	Pre Filter V300S 125 / 600
K1705	Pre Filter V300S 150 / 500
K1706	Pre Filter V300S 150 / 800
K1707	Pre Filter V300S 160 / 500
K1708	Pre Filter V300S 160 / 800
K1709	Pre Filter V300S 200 / 500
K1710	Pre Filter V300S 200 / 800
K1711	Pre Filter V300S 250 / 750
K1712	Pre Filter V300S 250 / 1000
K1713	Pre Filter V300S 315 / 750
K1714	Pre Filter V300S 315 / 1000
K1715	Pre Filter V300S 315 / 1250

Kombo - Kits



Blue Line Fan and PK Filter

230 V

Warranty
2 years
✓



- The world's most silent filtration system
- The highest quality motor (courtesy of German company Ziehl-Abegg)
- UL, CSA, VDE approved
- Filter contains highest quality coco carbon mix
- Operable in high relative humidity environments
- Galvanized steel housing with powder coat finish
- Lifetime of motor (full speed) >80,000 hours
- Automatic thermal reset switch protection
- Maintenance free ball bearings
- Constant and even airflow
- 100% speed controllable
- Minimum pressure drop (high efficiency)

Article number	Code of the fan	Flange (mm)	Height (without flange)	Quantity per pallet	Weight
PK-Kombo3000	PK 300/315	300/315	1250 mm	single	63.5 kg
PK-Kombo5000	PK 355/400	355/400	1250 mm	single	86.5 kg
PK-Kombo8000	PK 400/450	400/450	1500 mm	single	95.0 kg

NEW SIZE

Article number	Airflow(m³/h)		Power	dB	Voltage	Capacitors
	maximal	optimal				
PK-Kombo3000	3000	2700*	310 W	68*	230 V	6 µF
PK-Kombo5000	5000	4200*	520 W	72*	230 V	10 µF
PK-Kombo8000	8000	6800*	960 W	74*	230 V	16 µF

*Airflow with connected fan

*Noise of the motor without silencer

NEW SIZE

PK-Kombo8000 was developed for the needs of demanding users.

Kombo - Kit



Prima Klima Fan and PK Filter

Prima Klima extractor and carbon air filter K2601-FLAT

Three fan choices available: 1-speed, 2-speed and Temperature Controlled.

- Longer lifetime
- Compact
- Constant airflow across internal and external filter surfaces
- High quality motor from company MES (Swiss) or from ebmPapst (German)
- Minimum pressure drop (high efficiency)



230 V

Warranty
2 years



Article number	Type of fan	Flange (mm)	Height (without flange)	Height of filter	Quantity per pallet	Weight
K260FK-250	Temp. CTRL	100/125	500 mm	250 mm	48 pcs	6 kg
K260FK-2501S	One-speed	100/125	500 mm	250 mm	48 pcs	6 kg
K260FK-2502S	Two-speed	100/125	500 mm	250 mm	48 pcs	6 kg

Ventilators



Ventilate efficiently and quietly

Prima Klima offers two groups of ventilators: Original Prima Klima radial ventilators and Blue Line fans.

Prima Klima's Blue Line has a wide range of different models for every size of air flow — catering for air flows up to 8000 m³/h! Blue Line ventilators are produced with galvanised steel housing with powder coat finish.

Prima Klima line offers One-speed, Switchable Two-speed version (ideal for switching between summer and winter operation) and version with built-in temperature thermostatic sensor and speed controller.

Each Prima Klima fan can be supplied ready-to-go with wired main leads, wall mounting bracket and two plastic spigots (flanges) on request. Plastic spigots allow the user to reduce the outlet diameter of our fans when using a lower speed setting or when matching a smaller diameter air ducting system.



PK Ventilators



Prima Klima One-Speed Fan

Swiss-made MES motors or German-made EBMpapst motors are fitted as standard with the new radical impeller form for up to 15% more airflow than standard fans. EURO or UK, Swiss, USA fitted plugs available or base unit only.



230 V

Warranty
2 years



L
WALL BRACKET
INCLUDED

ErP2015
EXCEEDS THE NORM

Article number	Info	Flange	Speed	Quantity per pallet	Weight
PK100 MES	230V/50Hz; 40W; 0.18A	100 mm	280 m³/h	84 pcs	2.2 kg
PK125 MES	230V/50Hz; 60W; 0.26A	125 mm	420 m³/h	84 pcs	2.3 kg
PK150 MES	230V/50Hz; 105W; 0.46A	150 mm	760 m³/h	72 pcs	3.7 kg
PK160 MES	230V/50Hz; 105W; 0.46A	160 mm	800 m³/h	72 pcs	3.7 kg
PK200 MES	230V/50Hz; 160W; 0.67A	200 mm	950 m³/h	72 pcs	3.8 kg



FANS AVAILABLE WITH 100, 150 AND 200 MM FLANGE

Available also in 115V, 60Hz version



Prima Klima Two-Speed Fan

Swiss-made MES motors or German-made EBMpapst motors operable at two speeds - ideal for professionals who may need less extraction during winter than in summer, or for daytime / night-time applications.

Virtually silent operations with backward formed impellers for up to 15% more airflow than standard fans. EURO or UK fitted plugs available or base unit only.



230 V

Warranty
2 years



L
WALL BRACKET
INCLUDED

ErP2015
EXCEEDS THE NORM

Article number	Info	Flange	1.Speed	2.Speed	Quantity per pallet	Weight
PK100 MES-2	27-40 W; 0.18 A	100 mm	160 m³/h	280 m³/h	84 pcs	2.2 kg
PK125 MES-2	45-53 W; 0.25 A	125 mm	220 m³/h	360 m³/h	84 pcs	2.3 kg
PK150 MES-2	85-105 W; 0.46 A	150 mm	390 m³/h	760 m³/h	72 pcs	3.7 kg
PK160 MES-2	85-105 W; 0.46 A	160 mm	420 m³/h	800 m³/h	72 pcs	3.7 kg
PK200 MES-2	120-155 W; 0.67 A	200 mm	450 m³/h	950 m³/h	72 pcs	3.8 kg



FANS AVAILABLE WITH 100, 150 AND 200 MM FLANGE

Available also in 115V, 60Hz version

PK Temperature Controlled Fans



230 V

Warranty
2 years



L
WALL BRACKET
INCLUDED

ErP2015
EXCEEDS THE NORM

Prima Klima's unique temperature controller airflow tube fans are ideal for duct installations within rooms. The fans are equipped with highly efficient backward curved blades and are made from premium quality, Swiss motor components. The plastic housing is made of flame resistant polyamide comprised from 15% glass.

These state-of-the-art inline ventilators are protected by a thermal switch to prevent overheating. MES or EBMpapst motors are fitted as standard with backward formed impellers for up to 15% more airflow than standard fans. EURO, UK, Swiss or US fitted plugs available or base unit only.

PK Temperature Controlled Fans

Article number	Flange	Speed	Quantity per pallet	Weight	Power	Current
PK100 TEMP CTRL	100 mm	280 m³/h	84 pcs	2.3 kg	40 W	0.18 A
PK125 TEMP CTRL	125 mm	400 m³/h	84 pcs	2.4 kg	60 W	0.26 A
PK150 TEMP CTRL	150 mm	760 m³/h	72 pcs	3.7 kg	105 W	0.46 A
PK160 TEMP CTRL	160 mm	800 m³/h	72 pcs	3.7 kg	105 W	0.46 A
PK200 TEMP CTRL	200 mm	950 m³/h	72 pcs	3.8 kg	160 W	0.67 A

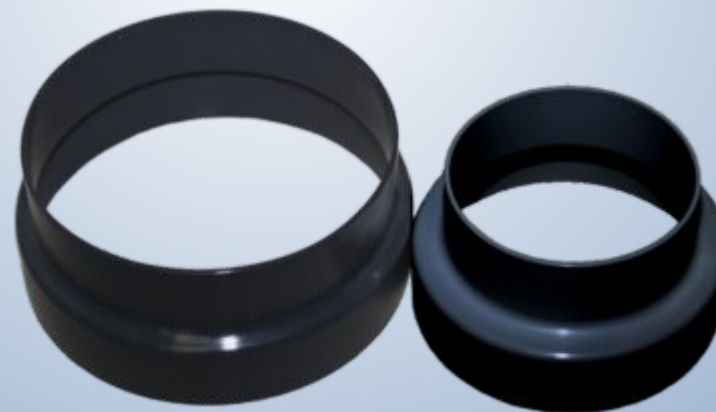


FANS AVAILABLE WITH 100, 150 AND 200 MM FLANGE

Available also in 115V, 60Hz version

Accessories

Article number	Description	Reduction
FLRVK-125	Fan reduction flange - tube connections	from 125 to 100 mm
FLRVK-160	Fan reduction flange - tube connections	from 160 to 150 mm



Blue line fans



Quiet, Yet Incredibly Powerful

Prima Klima's Blue Line of inline ventilation fans are built using the highest quality German motors from Ziehl-Abegg and offer an incredible full speed lifetime of over 80,000 hours! Designed for constant use, these fans are built with the specific needs of our customers.



230 V

Warranty
2 years
✓

ErP2015
EXCEEDS THE NORM

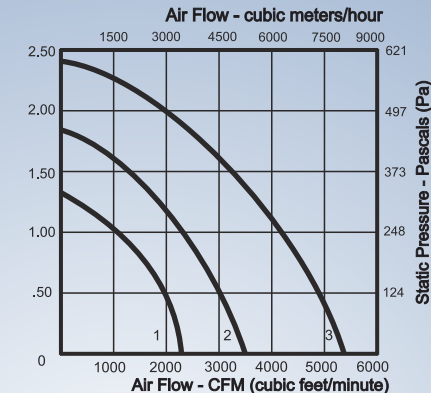
- Best quality motor from Ziehl-Abegg Germany approved with UL, CSA, VDE norms
- Lifetime motor (full speed) > 80,000 hours
- Galvanised steel housing with powder coat finish
- Maintenance-free ball bearings
- Super silent operation
- 100% speed controllable
- Automatic thermal reset switch protection
- Possible to operate in high relative humidity environment

Worldwide best quality also in 115V, 60Hz available



Article number	Maximal airflow	Power	dB	Capacitors	Weight	Curve nr. in graph
PK 300/315	3200 m³/h	310 W	68*	6 µF	15.1 kg	1
PK 355/400	4800 m³/h	520 W	72*	10 µF	19.8 kg	2
PK 400/450	8500 m³/h	960 W	74*	16 µF	29.6 kg	3

*Noise of the motor without silencer.



Blue line fan PK250 MES

Warranty
2 years
✓

230 V

- High quality German-made motor from MES
- Super silent operation
- Maintenance-free ball bearings
- Galvanised steel housing with powder coat finish
- Possible to operate in high relative humidity environment
- Automatic thermal reset switch protection
- Available in 1-speed, 2-speed or Temperature controlled version



ErP2015
EXCEEDS THE NORM

Article number	Maximal airflow	Info	Weight	Quantity per pallet
PK250	1200 m³/h	155 W, 0.80 A, 5 µF	6.7 kg	54 pcs
PK250-2	I. 600, II. 1100 m³/h	123-155 W, 0.67 A, 5 µF	6.7 kg	54 pcs
PK250 TEMP CTRL	1200 m³/h	155 W, 0.80 A, 5 µF	6.7 kg	54 pcs

Temperature controllers KLC-2M

Plug 'n' Play Temperature Control



The original and still the best! Prima Klima's legendary digital fan controller allows users to take the guesswork out of their room with unmatched ease-of-use, reliability and efficiency.

The Prima Klima KLC-2M maintains the user's desired temperature while ensuring negative room pressure is maintained in the room affording the user total environmental control.

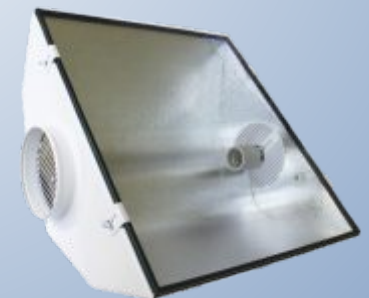
- ISO 9003 product (Triple checked and controlled)
- Produced with the highest technology and materials available
- SMT technology used to produce Surface Mount Device (SMD), which makes it possible to offer more in less space
- Two inductive power (2x 300 W or 2x 600 W)
- Water and humidity resistant (IP42)
- Ready to use with two metres length cables
- Socket in EU, Swiss, UK, US version available

Article number	Inductive power	Current	Size (mm)	Quantity per pallet	Weight
TRIO-2M	2x 300W	1.6 A	160 x 130 x 100	384 pcs	0.66 kg
TRIO-2MS	2x 600W	3.4 A	160 x 130 x 110	336 pcs	0.74 kg

Reflectors



Prima Klima is one of the few reflector producers that assures a reflectance coefficient that has been tested, verified and certified by LMT institute in Berlin—one of the most respected institutes for lighting studies in the world.



Lucilu reflectors



Medium

Optimised for use with 600W lamps.

Large

Optimised for use with 1000W lamps.

97%
REFLECTION



max.
600 watt

505 x 500
mm

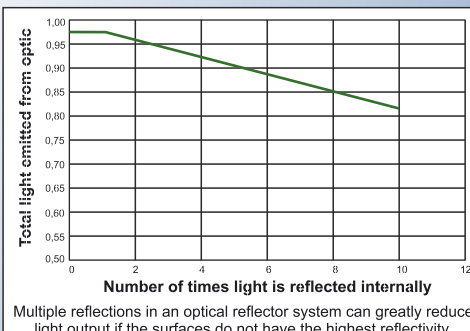
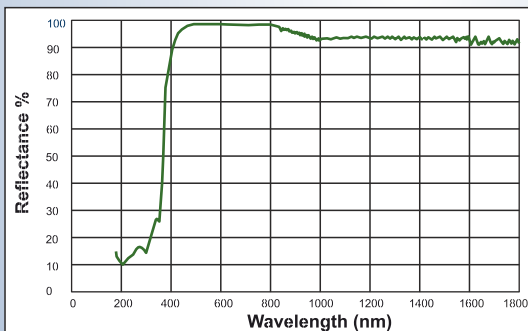
E40

PVD
coated

230 V

max.
1000 watt

700 x 620
mm



Article number	Type	Size(mm)	Quantity per pallet	Weight
L1602	Medium	505 x 500	200 pcs	1.6 kg
L1604	Large	700 x 620	100 pcs	2.3 kg

4-Layers for Super Reflection!

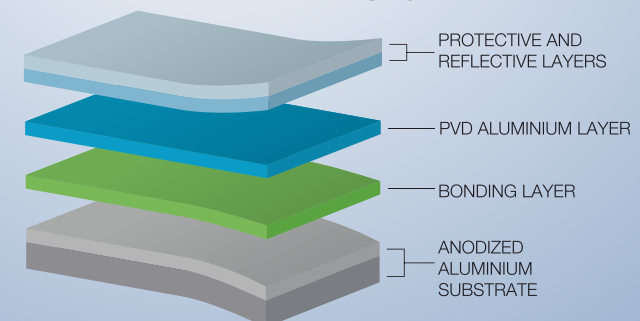
The Lucilu takes the revolutionary design of the Adjust-a-Wings® on to the next level thanks to state-of-the-art, reflective PVD aluminium materials. This unique 4-layer, glass enamelled coating not only produces maximum reflectivity but focuses on the specific parts of the light spectrum.

- Ecologically produced
- Super heat resistant (up to 800°C!)
- Increased resistance to corrosion
- Increased overall hardness
- Manufactured under license (Hygro International)
- Suitable with Hygro International super spreaders

The 4-Layer Reflection Secret

Obviously, there's only so much we can reveal here! But the coating parameters of this unique material layer system have been specifically designed for intensive light. In practical terms, it provides a strong shift of maximum spectral reflectance to the orange and red zones of the lighting spectrum—these areas have been shown to be most important for photosynthetic processes while maintaining high reflectance in the blue zone.

PVD Coating System



Air cooled reflectors



Spudnik - The World's Best Air-Cooled Reflector



The SPUDNIK reflector is available in two models, compatible with 125 mm (5") or 150 mm (6") ducting. Customers simply attach a Prima Klima inline ventilation fan to blow cool air over the lamp, cooling the light fixture and allowing the hot air around the lamp to be ducted out of the room before it gets a chance to create heat issues.

Choose SPUDNIK — Because Every Inch Counts!

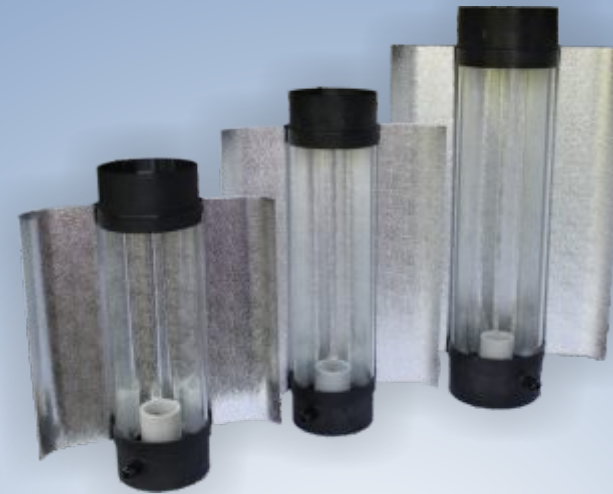
The SPUDNIK has been the choice of the professionals for years—with a hugely efficient reflector shape complete with an incredible 97% reflective VEGA/MIRO9 insert, the SPUDNIK simply will not be outshone by any other air-cooled units.

- 97% reflection
- Miro9 inside reflector
- Stucco cap 0.8 mm shaped reflector
- Includes glass sheet - 4 mm
- Flange – 125 mm (5") or 150 mm (6")

Article number	Flange	Quantity per pallet	Weight
L1400/125	125 mm	36 pcs	5.2 kg
L1400/150	150 mm	24 pcs	7.3 kg



The Cooltube - A lightning Revolution!



Available with 125mm(5") or 150mm(6") flanges. Hang the Cool Tube above your using place with the reflector for a powerful beam of air-cooled light. Remove the reflector and use in vertical way for super-efficient 360° light spread!

What makes Prima Klima's Cool Tube really special is its use of Miro9 material for inside and outside the reflector, giving an incredible 97% reflectivity! Its super-sturdy plastic flanges offer increased efficiency with less heat build-up than metallic alternatives and extra electrical insulation. Produced in Europe and adherent to all safety regulations—the Cool Tube comes complete with a screw kit.

- Removable reflector for conversion to vertical gardens
- Available with VEGA Green reflectors
- Special plastic flanges increase safety
- Screw kit included
- BSG glass tube
- Plug and cables available ready-wired upon request.

Article number	Size	Material	Maximal bulb	Quantity per pallet	Weight
L2010	125 x 400 mm	VEGA	600 W	96 pcs	1.5 kg
L2015	125 x 480 mm	VEGA	600 W	96 pcs	1.7 kg
L2020	150 x 580 mm	VEGA	1000 W	45 pcs	2.4 kg

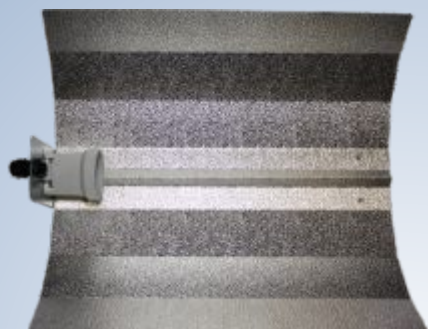
Euro Standard Reflectors



Tried, Tested, Favoured!

The Euro Reflector is designed for High Intensity Discharge lamps (Metal Halide and High Pressure Sodium) from 250, 400, 600 to 1000 Watts. It is available both as a flat-pack construction kit or pre-assembled. We offer Euro Reflectors in three types of material: STUCCO, ENFORCER and VEGA/MIRO9.

Pre-Assembled



L1301

STUCCO

80%
REFLECTION

L1302

STUCCO

L1304

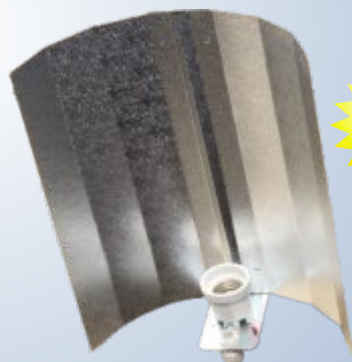
P220

86%
REFLECTION

L1302V

HAMMERED

VEGA



97%
REFLECTION

Article number	Size (mm)	Total reflection	Quantity per pallet	Weight
L1301	400 x 400 x 166	80%	240 pcs	0.53 kg
L1302	400 x 470 x 166	80%	240 pcs	0.81 kg
L1304	400 x 470 x 166	86%	240 pcs	0.85 kg
L1302V	400 x 470 x 166	97%	240 pcs	0.86 kg

Non-Assembled

L1311

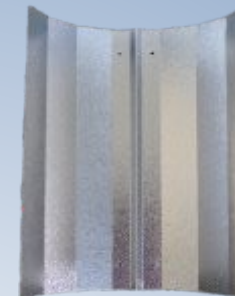


80%
REFLECTION

THICKNESS
0.5 mm

STUCCO

L1312



80%
REFLECTION

THICKNESS
0.5 mm

STUCCO

L1314



86%
REFLECTION

THICKNESS
0.4 mm

P220

L1315V



97%
REFLECTION

THICKNESS
0.5 mm

VEGA

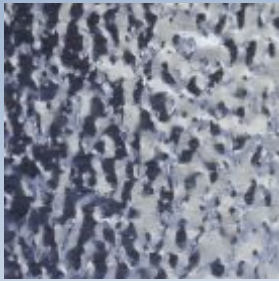
Article number	Size (mm)	Total reflection	Quantity per pallet	Weight	You need for assembly
L1311	400 x 400 x 166	80%	1000 pcs	271 g	L1321, L1324A, L1323
L1312	400 x 470 x 166	80%	1000 pcs	276 g	L1322, L1325B, L1323
L1314	400 x 470 x 166	86%	1000 pcs	276 g	L1322, L1324B, L1323
L1315V	400 x 470 x 166	97%	1000 pcs	276 g	L1322, L1324B, L1323

Euro Reflectors



Types of material

STUCCO



Thickness 0.5 mm
up to 80% total reflection

P220



ENFORCER P220
- up to 86% total reflection
and thickness - 0.5 mm

HAMMERED



VEGA



Thickness 0.5 mm
up to 97% total reflection

For assembly you need



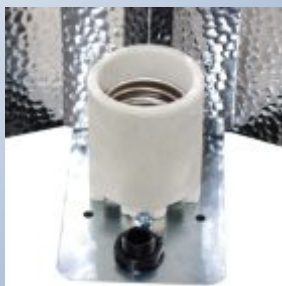
① Reflector



② Bracket



③ Screw kit



④ Lampholder

Assembly parts



L1321 **Bracket small** - fit to L1311



L1321-S **Bracket small strong** - fit to L1311



L1322 **Bracket long** - fit to L1312, L1314, L1315-V



L1322-LS **Bracket long strong** - fit to L1312, L1314, L1315-V



L1323 **Lampholder E40 Ceramic** - fit to all



L1324A **Screw kit 1** - for L1311



L1324B **Screw kit 2** - for L1312, L1314, L1315



ASSE **Assembling for all your reflectors**

Starlight Reflectors



Ideal Partner for T5 Fluorescent Lamps!

2-lamps version

4-lamps version



We offer two versions for 2- and 4-lamp arrays.

The 4-lamp Starlight reflector can cover an area of 1x1m with a diffused, even and kind light—thanks to its excellent design and reflection.

- Include Philips components - High quality Philips lamps 55 Watt / PI865
- Powder-coated cover
- 20% more lumen output
- 3 meters of EUR cable and plug
- Made from HAMMERED material
- We use only best components made in Germany!

Article Number	Type	Quantity per pallet	Weight
Star02	2 lamps	64 pcs	4.10 kg
Star04	4 lamps	72 pcs	5.24 kg

Optomiser™ Reflector



Reflector for professionals!



The OPTOMISER™ reflector is manufactured from STUCCO, FINE HAMMERED or VEGA material. OPTOMISER™ reflector is designed for maximal 1000 Watts bulbs.

- CE ceramic lamp holder E40
- Built up in 20 seconds
- Plug and cables available ready-wired upon request.

Article number	Material	Total reflection	Quantity per pallet	Weight
L1700	STUCCO	80%	176 pcs	1.10 kg
L1701	FINE HAMMERED	86%	176 pcs	1.13 kg
L1702	VEGA	97%	176 pcs	1.14 kg

Adjust A Wings® Original Reflectors



97%
REFLECTION



Medium

max.
600 watt

Large

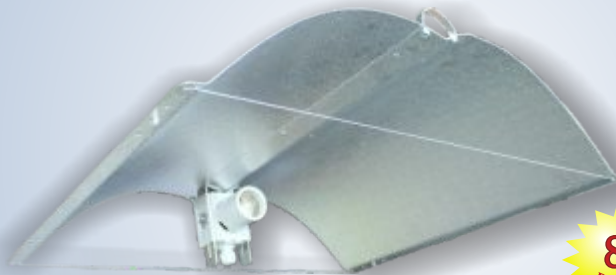
max.
1000 watt

- **Contains:** Screw kit, socket holder, lampholder E40
- Miro9 material offering an incredible 97% reflectivity
- 10-15% increase on yield over standard reflectors
- Super-Spreader included

MIRO9

E40

230 V



86%
REFLECTION

Medium ENFORCER

- **Contains:** Screw kit, socket holder, lampholder E40
- Made of ENFORCER P220 material

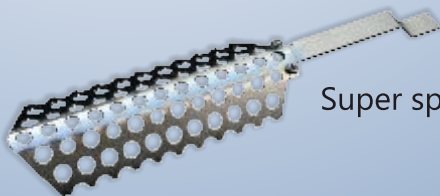
E40

P220

230 V

max.
600 watt

Accessories



Super spreader

Versatility and Performance

Adjust-A-Wings® reflectors are incredibly power efficient and versatile lighting systems. Firstly, Adjust-A-Wings® can be set to a wide formation for maximum light diffusion—this allows the light to be positioned very close to installation place for a great combination of light intensity and area coverage. Alternatively they can be adjusted to a narrow setting to create a narrow, intense “beam” of light.

Ingenious Design

Adjust-A-Wings® are easy-to-use and operate, built on the basic principles of logic and simplicity. The “Wings,” as they are affectionately known in the industry, form a succession of perfect double parabolic shapes when assembled, flexed and tensioned. Assembled, they appear similar to an archer’s bow. This creates a rigid (but lightweight) and adjustable double parabolic reflector. This unique design has no need for bulky structural supports or additional housing to enclose the reflective surface.

**Check
the ORIGINAL!**

Adjust-A-Wings®



Article number	Name	Super Spreader included	Quantity per pallet	Weight
L1501	Original medium	YES	112 pcs	1.11 kg
L1502	Original large	YES	56 pcs	1.36 kg
L1511	ENFORCER medium	NO	100 pcs	2.76 kg

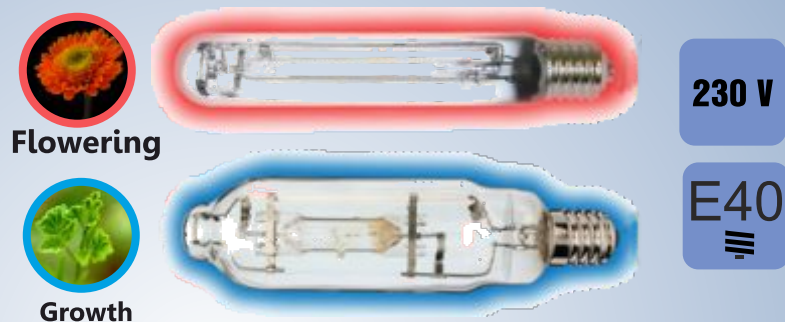
Accessories

Article number	Name	Weight
L1530	Super Spreader medium HPS	34 g
L1531	Super Spreader large HPS	50 g
LH.0.C	A-A-W Lamp holder	360 g

Sunmaster - Twin lamp System

Simply replace the lamp to change
from vegetative to flowering growth phase

The SUNMASTER twin lamp system allows one to quickly and conveniently switch from blue-weighted vegetative light (Cool Deluxe) to red-weighted flowering light output (HPS or HPS DS). By simply replacing the lamp on the same HPS ballast and socket, there is no need to move plants or change out entire lighting systems. What's more, SUNMASTER lamps are more effective than standard Metal Halide or HPS lamps, providing up to 10% more 'Red' light and 70% more 'Blue' light respectively.



Sunmaster Super HPS Deluxe Lamps - Flowering

- Available on the request

Sunmaster Cool Deluxe Conversion lamps

- Metal Halide lamps for super vigorous vegetative growth

- This industry-leading lamp promotes higher chlorophyll level for greener, healthier, more productive plants; large leaf area / mass
- Encourages increased number of internodes while maintaining a compact plant form
- Offsets the blue spectral deficiencies of standard HPS light

Article number	Code	Type	Quantity per pallet	Pcs in carton	Weight
LM.250W.U46.CDX	00235	250 Watt	960 pcs	24	0.21 kg
LM.400W.U46.CDX	25864	400 Watt	720 pcs	12	0.25 kg
LM.600W.U46.CDX	33912	600 Watt	384 pcs	12	0.35 kg
LM.1000W.U46.CDX	00007	1000 Watt	384 pcs	12	0.52 kg

*Minimal order 1 carton box.

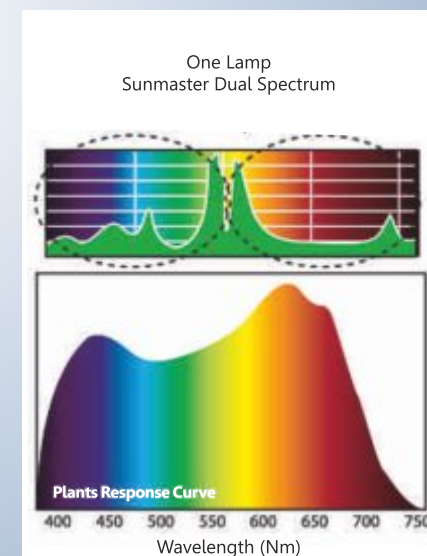
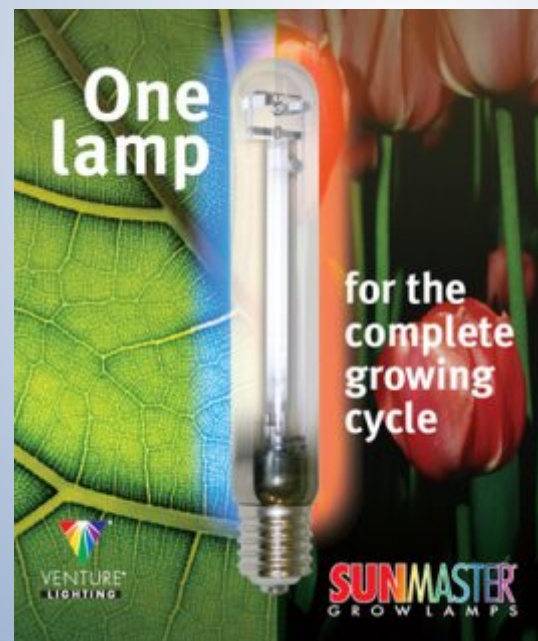
Sunmaster Dual Spectrum

Single lamp system

At specific times in the growing cycle, plants require a variety of different types of light radiation. In other words — immature plants have different needs to those about to mature. To maximise the potential of your plants and to ensure that they grow healthy, strong and productive, you need to deliver just the right kind of light radiation — at the right time.

The new Sunmaster Dual Spectrum lamp is a radically new, lamp that has been scientifically researched and designed specifically for the commercial and hobby grower. Using the new Dual Spectrum lamps (which are fully compatible with your existing fittings and ballasts) you can deliver improved blue-rich and red-rich light to your plants at the crucial stages in their development.

One lamp for the complete growing cycle!



Stage one - Early and Vegetative Plant Growth

For photosynthesis, plants need spectral light distribution between 400 and 700 nm. This is technically known as "Photosynthetically Active Radiation" or PAR. However, in younger plants it is the region between 400 nm and 550 nm that's most crucial. The region is commonly referred to as "blue light".

Stage two – Maturity

A maturing plant has markedly different needs to a younger plant. As it approaches maturity, it requires less of the "blue-rich light" and depends more upon radiation from the red portion of the spectrum between 550 and 700 nm.

For optimum results it is always recommended that blue-rich Metal Halide lamps are installed to promote early plant growth and then, as plants reach maturity, these are changed to, or supplemented with, HPS lamps which deliver the crucial reds to promote flowering.

The new Sunmaster Dual Spectrum range cleverly combines extra blue and red into one dual spectrum lamp.

- Available in 250, 400, 600 and 1000 Watts
- Fully compatible with existing fittings and ballasts
- Superior lamp performance
- Energy efficient

Designed to provide optimum plant growth!



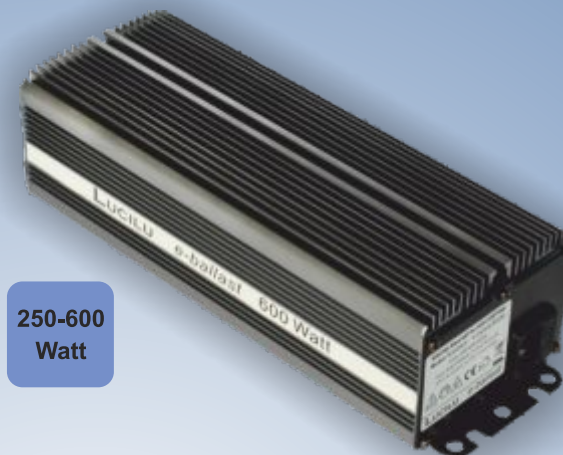
230 V

Article Number	Code	Type	Quantity per pallet	Pieces in carton	Weight
SL.250W.U46.DSP	10037	250 Watt	960 pcs	24	0.21 kg
SL.400W.U46.DSP	10035	400 Watt	960 pcs	24	0.22 kg
SL.600W.U46.DSP	10036	600 Watt	960 pcs	24	0.23 kg
SL.1000W.U46.DSP	10038	1000 Watt	720 pcs	24	0.37 kg

*Minimal order 1 carton box.

Lucilu E-Ballasts

The Definitive Premium Electronic Ballast



Warranty
2 years
✓

230 V

**250-600
Watt**

Electronic ballasts are well known for their increased efficiency and lumen benefits. However, manufacturers of some early models neglected to provide adequate shielding so that the ballasts did not interfere with other electronic devices including radios and mobile phones.

Lucilu electronic ballasts bring you all the benefits with none of the drawbacks! Available in three versions for powering 250, 400 or 600 Watt HID grow lights (HPS and MH) the Lucilu has been built to the highest specifications with no compromise over quality.

- Premium quality components used throughout
- Soft start technology, low start-up current
- Longer lamp life
- Silent operation
- RF shielded
- Flying lead IEC connection, 4 metres of reflector cable with EU plug
- Runs both sodium and metal halide lamps
- Up to 15% more lumens, up to 35% less energy consumption

Article number	Type	Quantity per pallet	Pieces in carton	Weight
LC250-EU	250 Watt	120 pcs	4	2.82 kg
LC400-EU	400 Watt	120 pcs	4	3.36 kg
LC600-EU	600 Watt	120 pcs	4	3.88 kg

*Minimal order 1 carton box.

Lucilu E-Ballast

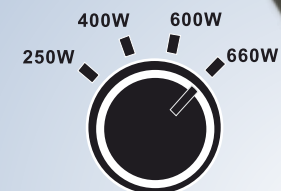
Dimmable version for 600W bulbs



Warranty
2 years
✓

230 V

600 W
⚡



CONTROLLER SCHEMA

- Dimming function
- Four power modes 250W / 400W / 600W / 660W
- Energy saving
- High lumen output
- Soft start technology, low start-up current
- Silent operation
- Runs both sodium and metal halide lamps
- Longer lamp life
- RF shielded
- Flying lead IEC connection with EU plug, 4 metres of reflector cable
- Short circuit and over voltage protection
- Easy installation

Article number	Type	Quantity per pallet	Pieces in carton	Weight
LC-600D-EU	Switchable	120 pcs	4	3.5 kg

*Minimal order 1 carton box.

Explanatory

max.
600 watt
⚡

For use with lamps / ballasts up to 600W

max
1000 watt
⚡

For use with lamps / ballasts up to 1000W

2 LAMPS
INCLUDED
💡💡

Supplied with two lamps - Phillips 55W/PL865

4 LAMPS
INCLUDED
💡💡💡💡

Supplied with four lamps – Phillips 55W/PL865

230 V

Compatible with 230V power supply

E40
💡

E40 lamp fitting

L
WALL BRACKET
INCLUDED

Wall bracket included

125 x 400
mm
➡

Denotes product size specification

THICKNESS
5 mm
⚡

Denotes thickness of material

Warranty
1 year
✓

1-year manufacturer's warranty

Warranty
2 years
✓

2-year manufacturer's warranty

Materials

VEGA



VEGA - up to 97% total reflectivity
and thickness - 0.5 mm

**PVD
coated**



PVD coating on the reflector is
designed to reflect a particular
colour spectrum favourable
to growing plants

MIRO 9



MIRO9 - up to 97% total reflectivity

STUCCO



STUCCO - up to 80% total reflectivity
and thickness - 0.5 mm

HAMMERED



HAMMERED - up to 86% total reflectivity
and thickness - 0.4 mm

P220



ENFORCER P220 - up to 86% total
reflectivity and thickness - 0.5 mm



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