

Riparatori

Club dei
Riparatori®

Club dei
Riparatori®

OUR LINE OF SPRAY AND FOAM NEBULIZERS





For 20 years nebulization has been our expertise

Idrobase group is the oldest manufacturer of nebulizing systems in Europe. In fact, 20 years ago we started to produce industrial and professional nebulizers under the Idrobase brand. In 1995 as a result of our success we founded Idrotech Srl to produce nebulizers for industrial sectors (disinfection, odour neutralisation, dust suppression, cooling outside areas, humidifying), and in 2006 we founded Perfect Cool for cooling and humidifying in the commercial sector (restaurants, hotels, open areas, workshops, wine cellars, swimming pools, etc.), while in Idrobase we continue to develop detergent nebulizers for the car wash sector and food industry.

Idrobase: headquarters in Borgoricco - Padua ITALY

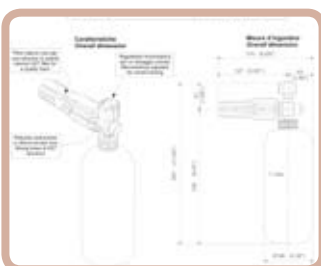


Club dei Riparatori presents the most innovative and complete range of professional detergent nebulizers present on the market.

- *Air nebulizer, 24 and 50 litres, in painted steel or stainless steel, both in spray and foam versions.*
- *Fixed system and wheeled electric nebulizers, in total-stop, possible to extend to two or more work stations.*
- *Venturi systems for high pressure washers, can be connected to the most common high pressure washers on the market.*



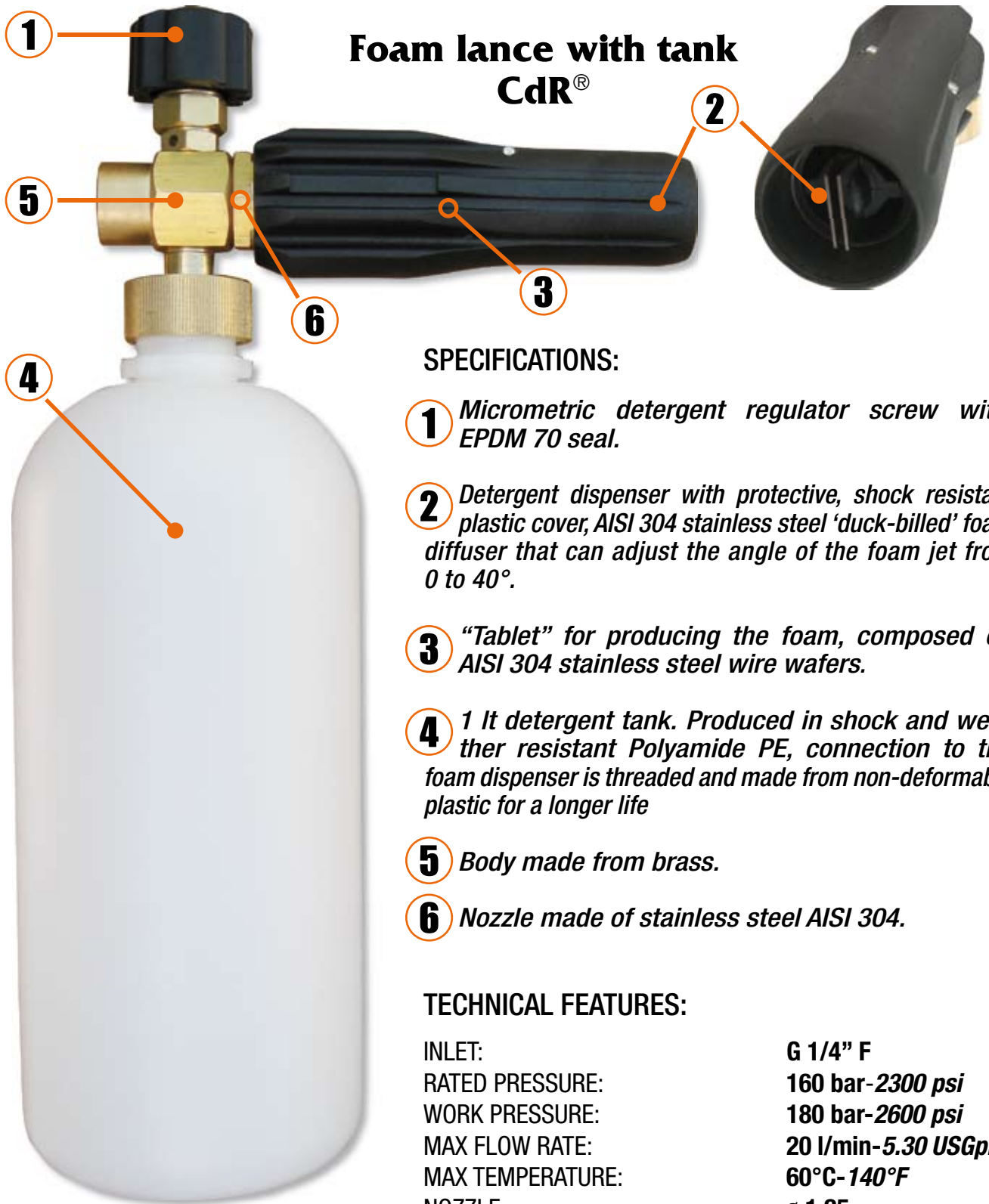
All of our nebulizers are designed, engineered and produced directly in our premises.





**Foam lances
- With tank**

The spare parts branded "CdR" exclusively refer to products by Club dei Riparatori® by IDROBASE®



**Foam lance with tank
CdR®**

SPECIFICATIONS:

- 1** *Micrometric detergent regulator screw with EPDM 70 seal.*
- 2** *Detergent dispenser with protective, shock resistant plastic cover, AISI 304 stainless steel 'duck-billed' foam diffuser that can adjust the angle of the foam jet from 0 to 40°.*
- 3** *"Tablet" for producing the foam, composed of AISI 304 stainless steel wire wafers.*
- 4** *1 Lt detergent tank. Produced in shock and weather resistant Polyamide PE, connection to the foam dispenser is threaded and made from non-deformable plastic for a longer life*
- 5** *Body made from brass.*
- 6** *Nozzle made of stainless steel AISI 304.*

TECHNICAL FEATURES:

INLET:	G 1/4" F
RATED PRESSURE:	160 bar-2300 psi
WORK PRESSURE:	180 bar-2600 psi
MAX FLOW RATE:	20 l/min-5.30 USGpm
MAX TEMPERATURE:	60°C- 140°F
NOZZLE:	ø 1.25

Code	Description	Weight	
		gr.	oz.
CDR.0873	CdR foam lance with tank, capacity 1 lt-0.26 USG	560	19.6



Foam lances - Foam kit and accessories

The spare parts branded "CdR®" exclusively refer to products by Club dei Riparatori® by IDROBASE®

**Foam kit,
G 1/4" M connection**

ZX.0991

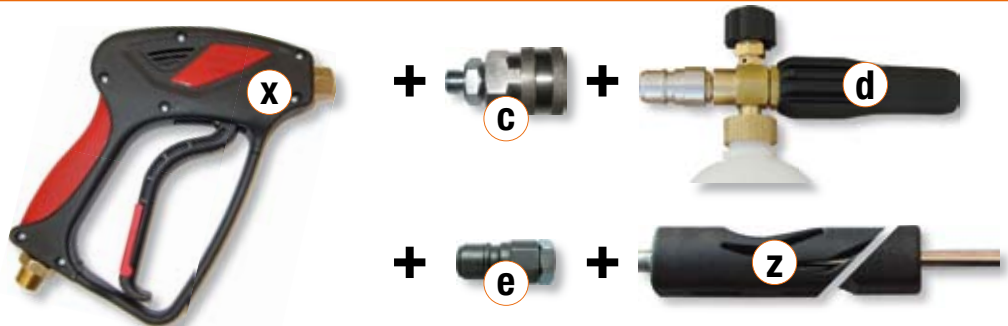
Foam kit composed of:
(a + b)
gr. 600 - oz. 21.0



**Foam kit,
quick connection**

ZX.0995

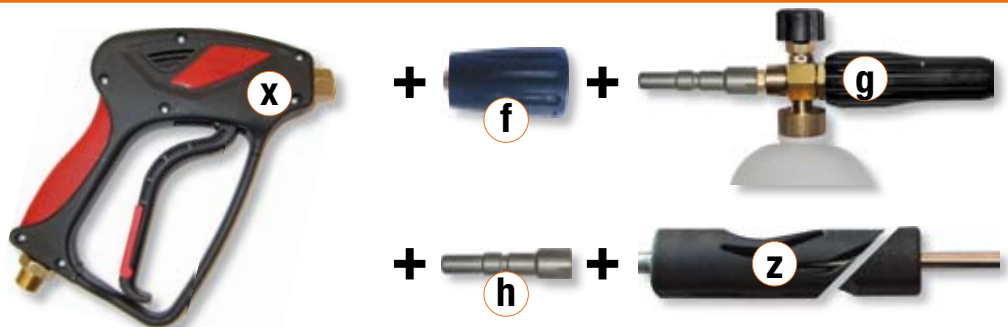
Foam kit composed of:
(c + d + e)
gr. 800 - oz. 28.0



**Foam kit,
quick connection
fitting Kew**

ZX.0996

Foam kit composed of:
(f + g + h)
gr. 900 - oz. 31.5



**Foam kit,
M 22x1,5 M connection**

ZX.0988

Foam lance,
with 1 lt-0.26 USG tank,
nozzle 1.25, inlet M 22x1,5 M
gr. 600 - oz. 21.0



Ref.	Code	Description	Weight
a	CDR.1277	L.p. brass nipple G 1/4" M-M	22 gr. 0.8 oz.
b	CDR.0873	Foam lance, with 1lt-0.26USG tank, nozzle 1.25	560 gr. 19.6 oz.
c	ZX.0987	Stainless steel AISI 416 h.p. ball quick coupling, inlet G 1/4" M, outlet quick F	160 gr. 5.6 oz.
d	ZX.0843	Foam lance, with 1lt-0.26USG tank, nozzle 1.25 + stainless steel AISI 416 quick M	600 gr. 21.0 oz.
e	ZX.0999	Stainless steel AISI 416 h.p. ball quick coupling, inlet quick M, outlet G 1/4" F	50 gr. 1.8 oz.
f	CDR.0001	H.p. ball quick coupling, inlet G 1/4" M, outlet quick F fitting Kew	240 gr. 8.4 oz.
g	ZX.0982	Foam lance, with 1lt-0.26USG tank, nozzle 1.25 + quick M fitting Kew	510 gr. 17.9 oz.
h	AB.0004	H.p. ball quick coupling, inlet quick M fitting Kew, outlet G 1/4" F	70 gr. 2.5 oz.
i	ZX.0988	Foam lance, with 1lt-0.26USG tank, nozzle 1.25 + inlet M 22x1,5 M	600 gr. 21.0 oz.
x	CDR.7404	CdR 990 spray gun, inlet G 3/8" F, outlet G 1/4" F	650 gr. 22.8 oz.
x	CDR.7407	CdR 990 spray gun, inlet M 22x1,5 M, outlet G 1/4" F	670 gr. 23.5 oz.
y	ZX.7103	CdR 990 spray gun with extension, inlet G 3/8" F, outlet M 22x1,5 F	1090 gr. 38.2 oz.
z	ZX.7106	CdR 55 vented handle lance, 500 mm-20", inlet G 1/4" M	475 gr. 16.7 oz.



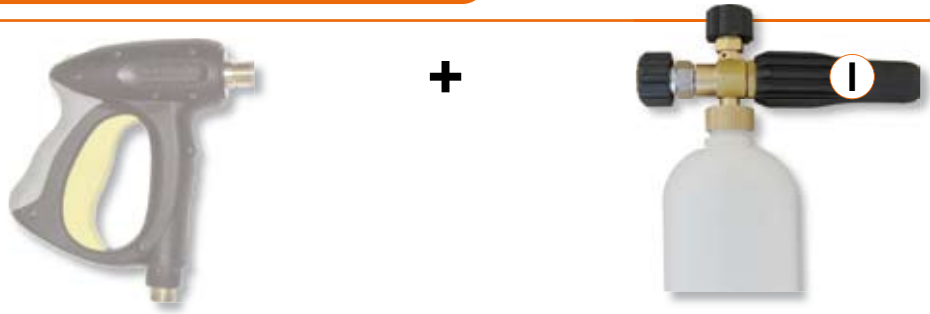
Foam lances - Foam kit and accessories

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**Foam kit fitting Kärcher,
M 22x1,5 F connection**

ZX.0992

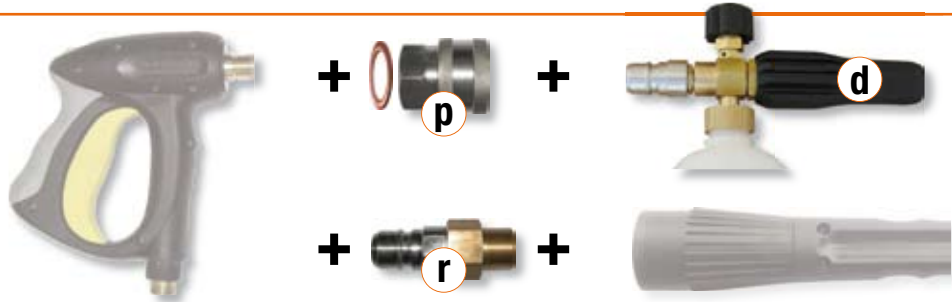
Foam kit,
with 1 lt-0.26USG tank,
nozzle 1.25, inlet M 22x1,5 F
gr. 680 - oz. 23.8



**Foam kit
fitting Kärcher,
quick connection**

ZX.0993

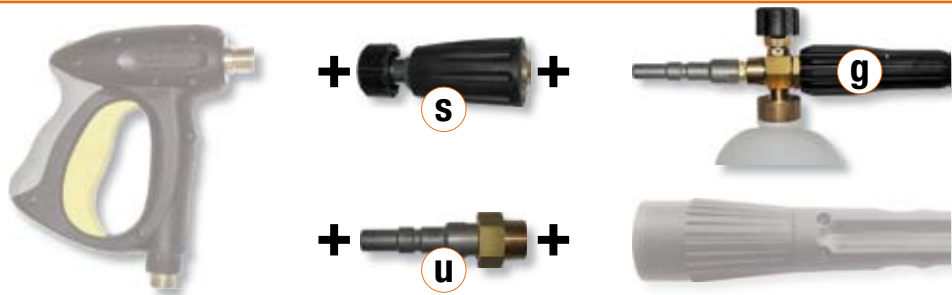
Foam kit composed of:
(p + d + r)
gr. 950 - oz. 33.3



**Foam kit fitting Kärcher,
quick connection
fitting Kew**

ZX.0994

Foam kit composed of:
(s + g + u)
gr. 1150 - oz. 40.3



**Foam kit fitting Kärcher,
bayonet connection**

ZX.0986

Foam lance,
with 1 lt-0.26 USG tank,
nozzle 1.25, bayonet inlet
gr. 700 - oz. 24.5



**Foam kit fitting Kärcher,
bayonet connection**

ZX.0986-P

Foam lance,
with 1 lt-0.26 USG tank,
nozzle 1.25, bayonet inlet
gr. 650 - oz. 22.8



Ref.	Code	Description	Weight
I	ZX.0992	Foam lance, with 1lt-0.26USG tank, nozzle 1.25, inlet M 22x1,5 F	680 gr. 23.8 oz.
p	ZX.1045	Stainless steel AISI 416 h.p. ball quick coupling, inlet M 22x1,5 F, outlet quick F + copper washer	150 gr. 5.3 oz.
d	ZX.0843	Foam lance, with 1lt-0.26USG tank, nozzle 1.25 + stainless steel AISI 416 quick M	600 gr. 21.0 oz.
r	ZX.0842	H.p. ball quick coupling, inlet SS AISI 416 quick F, outlet brass M 22x1,5 F connection	200 gr. 7.0 oz.
s	ZX.0980	H.p. ball quick coupling, inlet M 22x1,5 F, outlet quick F fitting Kew	360 gr. 12.6 oz.
g	ZX.0982	Foam lance, with 1lt-0.26USG tank, nozzle 1.25 + quick M fitting Kew	510 gr. 17.9 oz.
u	ZX.0981	H.p. ball quick coupling, inlet quick M fitting Kew, outlet M 22x1,5 M	200 gr. 7.0 oz.
m	ZX.0986	Foam lance, with 1lt-0.26USG tank, nozzle 1.25 + quick brass bayonet	700 gr. 24.5 oz.
n	ZX.0986-P	Foam lance, with 1lt-0.26USG tank, nozzle 1.25 + quick plastic bayonet	650 gr. 22.8 oz.



Nebulizers - Air, spray and foam / PAINTED STEEL

The spare parts branded "CdR" exclusively refer to products by Club dei Riparatori® by IDROBASE®



CdR® painted steel nebulizers 24 lt-6.35 USG and 50 lt-13.20 USG

CdR® nebulizers Airspray (code 8.2002 and 8.2003) and Airfoam (code 8.2004 and 8.2005) are made from 2,5 mm-0.1" painted steel 360 S235JR. Recommended for professional use and comes complete with:

Airspray: gun (with internal parts Viton + SS), 600 mm-23.64" (8.2002) and 900 mm-35.43" (8.2003) lance with brass spray nozzle, pressure gauge, safety valve, ball valve, 10 m-32.80' Rilsan spiral hose with anti-twist connection.

Airfoam: gun (with internal parts Viton + SS), 600 mm-23.64" (8.2004) and 900 mm-35.43" (8.2009) lance with 4 brass foam nozzles, pressure gauge, safety valve, manual release valve and air pressure regulator, air suction valve, detergent suction valve, ball valve, 10 m-32.80' nylon hose.

Max pressure, 8 bar-115 psi.

ATTENTION !!! Not suitable for use with aggressive chemicals, inflammable liquids and / or detergents with a different ph than 5.

Code	Model	Type	Capacity	Material	Weight
8.2002	Airspray	spray	24 lt - 6.35 USG	Painted steel	14500 gr. 507.5 oz.
8.2004	Airfoam	foam	24 lt - 6.35 USG	Painted steel	16000 gr. 560.0 oz.
8.2003	Airspray	spray	50 lt - 13.20 USG	Painted steel	26000 gr. 910.0 oz.
8.2009	Airfoam	foam	50 lt - 13.20 USG	Painted steel	27000 gr. 945.0 oz.

Painted steel nebulizers are also available in yellow.



Nebulizers
- Air, spray and foam / STAINLESS STEEL

The spare parts branded "CdR" exclusively refer to products by Club dei Riparatori® by IDROBASE®



Spray



Foam

CdR® stainless steel AISI 304 nebulizers 24 lt-6.35 USG and 50 lt-13.20 USG

CdR® Airspray SS (code 8.2007 and 8.2008) and Airfoam SS (code 8.2006 and 8.2005) are made of stainless steel AISI 304. Recommended for professional use and comes complete with:

Airspray: gun (with internal parts Viton + SS AISI 316), 600 mm-23.64" (8.2007) and 900 mm-35.43" (8.2008) lance with brass spray nozzle, pressure gauge, safety valve, ball valve, 10 m-32.80' Rilsan spiral hose with anti-twist connection.

Airfoam: gun (with internal parts Viton + INOX), 600 mm-23.64" (8.2006) and 900 mm-35.43" (8.2005) lance with 4 brass foam nozzles, pressure gauge, safety valve, manual release valve and air pressure regulator, air suction valve, detergent suction valve, ball valve, 10 m-32.80' nylon hose.

Max pressure, 8 bar-115 psi.

ATTENTION !!! Not suitable for use with aggressive chemicals, inflammable liquids and / or detergents with a different ph than 5.

Code	Model	Type	Capacity	Material	Weight
8.2007	Airspray SS	spray	24 lt - 6.35 USG	SS AISI 304	11300 gr. 395.5 oz.
8.2006	Airfoam SS	foam	24 lt - 6.35 USG	SS AISI 304	12700 gr. 444.5 oz.
8.2008	Airspray SS	spray	50 lt - 13.20 USG	SS AISI 304	21000 gr. 735.0 oz.
8.2005	Airfoam SS	foam	50 lt - 13.20 USG	SS AISI 304	22500 gr. 787.5 oz.

FIX SYSTEM electric nebulizer

Recommended for intensive use, completely silent
It includes:

- **Pump** with blades, body of the pump and pump shaft in stainless steel AISI 303, stator, flanges and blades in graphite, seals and O-Rings in Viton, by-pass valve in polycarbonate and nylon 6.6
- **Electric Motor** IP54 complete with ON-OFF switch
- **Total-Stop device**, operated directly by the trigger of the gun
- **Pressure gauge**, **3 m-9.85' electric cable** complete with Schuko plug
- **Suction** of chemical product: 1200 mm-47" Nylon hose, with check valve and 100 micron filter in stainless steel AISI 303
- 10 m-32.80' **PVC Hose**, flexible
- 100 lt-26.40 **USG detergent tank** complete with quantity of product sensor
- Automatic pump **stop device**, in case of shortage of product to nebulize
- **Lance** holder, stainless steel
- **Plastic Gun**, with seals in Viton, stainless steel AISI 316 ball and spring
- **Lance** for Fixed Elettrospray with 600mm-23.64" stainless steel hose and fan-shaped 40° brass nozzle
- **Lance** for Fixed Elettrofoam with 600 mm-23.64" stainless steel hose and head with 4 fan-shaped 65° nozzles
- **Foam regulator set** for Fixed Elettrofoam: simple device to mix the air from the compressor (not supplied) with the chemical product to be nebulized, comes complete with pressure gauge and air regulator



Code	Model	Pressure	Flow rate	Voltage	Frequcy	Power	Dimensions (W x L x H)	Weight
ZX.1136	FIXED ELETTOSPRAY	8 bar 115 psi	80 lt/h 21.0 USGph	1x230 V	50 Hz	190 W	650 x 500 x 1500 mm 25.60" x 19.70" x 59.10"	24000 gr. 840.0 oz.
ZX.1137	FIXED ELETTROFOAM	6-7 bar 85-100 psi	80 lt/h 21.0 USGph	1x230 V	50 Hz	190 W	650 x 500 x 1500 mm 25.60" x 19.70" x 59.10"	29000 gr. 1,015.0 oz.

ATTENTION !!!

**Not suitable for use with aggressive chemicals, inflammable liquids
and / or detergents with a different ph than 5.**

WHEELED electric nebulizer

Recommended for intensive use, completely silent

Includes:

- **Frame**, in painted steel,
- **Pump** with blades, body of the pump and pump shaft in stainless steel AISI 303, stator, flanges and blades in graphite, seals and O-Rings in Viton, by-pass valve in polycarbonate and nylon 6.6
- **Electric Motor** IP54 complete with ON-OFF switch
- **Total-Stop device**, operated directly by the trigger of the gun
- **Pressure gauge**, **3 m-9.85' electric cable** complete with Schuko plug
- **Suction** of chemical product: 1200 mm-47" Nylon hose, with check valve and 100 micron filter in stainless steel AISI 303
- 10 m-32.80' **PVC Hose**, flexible
- 25 lt detergent **tank** complete with quantity of product sensor
- Automatic pump **stop device**, in case of shortage of product to nebulize
- **Lance** holder, stainless steel
- **Plastic Gun**, with seals in Viton, stainless steel AISI 316 ball and spring
- **Lance** for wheeled Elettrospray with 600 mm-23.64" stainless steel hose and fan-shaped 40° brass nozzle
- **Lance** for wheeled Elettrofoam with 600 mm-23.64" stainless steel hose and head with 4 fan-shaped 65° nozzles
- **Foam regulator set** for Fixed Elettrofoam: simple device to mix the air from the compressor (not supplied) with the chemical product to be nebulized, comes complete with pressure gauge and air regulator



Code	Model	Pressure	Flow rate	Voltage	Frequency	Power	Dimensions (W x L x H)	Weight
ZX.1139	ELETTROSPRAY	8 bar 115 psi	80 lt/h 21.0 USGph	1x230 V	50 Hz	190 W	650 x 500 x 1500 mm 25.60" x 19.70" x 59.10"	21000 gr. 735.0 oz.
ZX.1138	ELETTROFOAM	6-7 bar 85-100 psi	80 lt/h 21.0 USGph	1x230 V	50 Hz	190 W	650 x 500 x 1500 mm 25.60" x 19.70" x 59.10"	23500 gr. 822.5 oz.

ATTENTION !!!

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Foam kit for fixed high pressure washer system

1 High pressure foam system is a high pressure foam dispenser, very compact and in **combination with the foaming lance** can be operated very economically with minimum detergent use.

- Aspiration system: Venturi
- Water flow rate: 80 bar-1160 psi ÷ 11 l/min-2.90 USGpm, 100 bar-1450 psi ÷ 12,4 l/min-3.27 USGpm, 120 bar-1750 psi ÷ 13,5 l/min-3.56 USGpm, 150 bar-2200 psi ÷ 15 l/min-4.00 USGpm
- Maximum pressure: 200 bar-2900 psi
- Maximum temperature: 95 °C-195 °F
- Area treated per minute: about 70 m²-83.70 sq yds.
- Percentage of foam detergent aspirated: 0.1 to 10 %.
- Device dimensions: 150-5.91"x125-4.92"x50-1.97" mm (WxHxL).
- Device weight: about 3 kg-6.60 lbs.
- Device material: stainless steel AISI 304.
- Venturi system material: stainless steel AISI 316.

Standard accessories

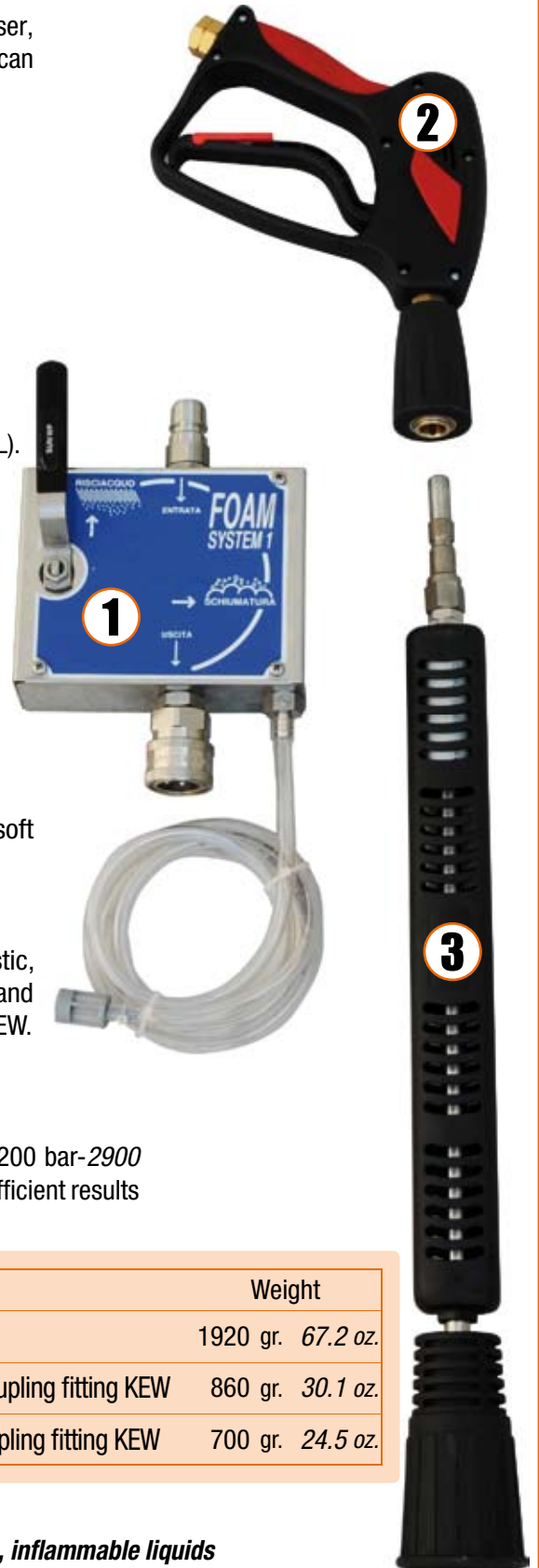
- Two quick connections.
- 1500 mm-59" suction hose.
- Stainless steel dosage regulator.

2 Gun CdR 990 for continuous use, ergonomic design, with soft rubber grip.

3 Stainless steel foam lance covered in shock proof plastic, supplied with suitable device for the production of foam and with nebulizing fan nozzle. Complete with male bayonet fitting KEW.

Use

Ideal for all high pressure water systems from 100 bar-1450 to 200 bar-2900 psi. The connection of the dosage unit allows for economical and efficient results with minimal detergent consumption.



	Code	Description	Weight
1	CDR.1269	High pressure foam system	1920 gr. 67.2 oz.
2	ZX.1134	Gun CdR 990 inlet 3/8F, outlet female coupling fitting KEW	860 gr. 30.1 oz.
3	ZX.1135	Foam lance, 510mm-20", with male coupling fitting KEW	700 gr. 24.5 oz.

ATTENTION !!!

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Nebulizers - Accessories

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CDR.0754
Spray gun for nebulizer
BLUE trigger,
 G 1/2" F-F,
 body:
 plastic,
 inner parts:
 Viton + SS,
 ball-spring:
 SS-SS



gr. 120
oz. 4.2

25 bar, 70 l/min, 50 °C

CDR.0755
Spray gun for nebulizer
GREY trigger,
 G 1/2" F-F,
 body:
 plastic,
 inner parts:
 Viton + AISI 316,
 ball-spring:
 AISI 316-AISI 316



gr. 120
oz. 4.2

25 bar, 70 l/min, 50 °C

CDR.0757
Inlet filter
 for nebulizer spray gun,
 filtering capacity 25 mesh,
 body:
 plastic



gr. 45
oz. 1.6

40 bar, 70 l/min, 60 °C


CDR.0758
Lance in PVC
600 mm-23.7",
 inlet G 1/2" F,
 complete with:
 blue trigger
 spray gun,
 plastic
 flat-fan nozzle
 ø1,1 mm



gr. 240
oz. 8.4

25 bar-360 psi,
30 l/min-8.00 USGpm,
50 °C-120 °F

CDR.0759
Lance in PVC
1200 mm-47.3",
 inlet G 1/2" F,
 complete with:
 blue trigger
 spray gun,
 plastic
 flat-fan nozzle
 ø1,1 mm



gr. 330
oz. 11.7

25 bar-360 psi,
30 l/min-8.00 USGpm,
50 °C-120 °F

CDR.0760
Lance
in stainless steel
600 mm-23.7",
 inlet G 1/2" F,
 complete with:
 blue trigger
 spray gun,
 stainless steel
 cone nozzle ø1,2 mm



gr. 320
oz. 11.3


15 bar-215 psi,
30 l/min-8.00 USGpm,
50 °C-120 °F

CDR.0552
Lance
in stainless steel
1500 mm-59.1",
 inlet G 1/2" F,
 complete with:
 blue trigger
 spray gun, brass
 flat-fan nozzle
 ø1,1 mm



gr. 730
oz. 25.8

25 bar-360 psi,
30 l/min-8.00 USGpm,
50 °C-120 °F

Code	ø Nozzle	Colour
 CDR.0764	1,1 mm	BLUE
CDR.0765	1,4 mm	BROWN
CDR.0766	1,8 mm	WHITE

gr. 1
oz. 0.1

Flat-fan spray nozzle, made of plastic,
angle 110° (minimum quantity 5 pcs)

CDR.0767
Flat-fan spray nozzle,
 made of stainless steel,
 angle 110°



gr. 7
oz. 0.3

minimum
quantity 5 pcs

CDR.7569
Flat-fan spray nozzle,
 made of brass,
 angle 40°,
 flow rate 04



gr. 3
oz. 0.2

CDR.0768
Flat-fan foam nozzle,
 made of plastic,
 angle 60°,
 3 bar-45psi,
 9,8 l/min-2.55 USGpm



gr. 80
oz. 2.8

CDR.0769
Flat-fan foam head,
 made of plastic,
 flow rate 04



gr. 25
oz. 0.9

CDR.0770
Filter for nozzles,
 made of stainless steel,
 and Viton seal,
 50 mesh



gr. 1
oz. 0.1

minimum
quantity 10 pcs

CDR.0771
Plastic reducer,
 G 3/8" M - G 1/4" F



gr. 3
oz. 0.2

minimum
quantity 10 pcs

CDR.0772
Seal for nozzle



gr. 3
oz. 0.2

minimum
quantity 10 pcs

CDR.0773
Plastic nozzle jolder,
 G 3/8" F



gr. 5
oz. 0.2

minimum
quantity 10 pcs

CDR.7623
Complete head for
spray nebulizers



gr. 100
oz. 3.5

CDR.7629
Complete head for
foam nebulizers,
 inlet G 1/4" F,
 complete with:
 4 brass nozzles




gr. 300
oz. 10.6

CDR.7551
Head for foam nebulizer,
 without nozzles,
 inlet G 1/4" F,
 outelt 4 x G1/8" F



gr. 100
oz. 3.5

CDR.7550
Foam nozzle,
 made of brass
 inlet G 1/8" M,
 angle 60°,
 flow rate
 10



gr. 30
oz. 1.1



Nebulizers - Accessories

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CDR.7571

Rilsan spiral hose,
ø8x6 mm-0.31"x0.24",,
G 1/4" M-G 1/4" M swivel,
10 m-32.80 ft,



gr. 300
oz. 23.7

CDR.7549

Flexible braided PVC hose
with connections, ø8x13 mm-0.31"x0.51",
bayonet connections,
10 m-32.80 ft



gr. 1500
oz. 9.6

CDR.7213

Ball valve,
G 1/4" M-F



gr. 60
oz. 2.2

ZX.1146

Air pressure regulator,
0-8 bar / 0-116 psi,
with bayonet connections



gr. 160
oz. 5.6

CDR.7543

Safety valve for compressed air,
G 1/8" M, calibration: 8 bar-116 psi,
NBR seals



gr. 30
oz. 1.1

CDR.7634

Pressure gauge ø40 mm,
made of stainless steel AISI 304
back entry 1/8" M-BSPT,
0-12 bar / 0-170 psi



gr. 100
oz. 3.5

CDR.7527

Wheel for nebulizer
24 litres-6.33 USG,
made of black rubber,
ø15 mm-0.59"



gr. 300
oz. 10.5

CDR.7529

Stop disc,
made of stainless steel,
for wheel of nebulizer
24 litres-6.33 USG



gr. 20
oz. 0.7

CDR.7619

Wheel for nebulizer
50 litri-13.20 USG,
made of black rubber,
ø20 mm-0.79"



gr. 500
oz. 17.5

CDR.7630

Stop disc,
made of stainless steel,
for wheel of nebulizer
50 litres-13.20 USG



gr. 20
oz. 0.7

CDR.0788

Brass blade pump,
10 bar-145 psi,
100 l/h-0.44 USGph



gr. 1350
oz. 47.3

Complete with fixing clamp

CDR.0789

Stainless steel blade pump,
10 bar-145 psi,
100 l/h-0.44 USGph



gr. 1350
oz. 47.3

Complete with fixing clamp

CDR.0787

Electric motor,
for blade pump
240 V-50 Hz, 187 W, IP54



gr. 4350
oz. 152.3



Particular
of the
hollow
shaft

IMPORTANT:

- The pump does NOT work without liquid
- It is better to use a filter, at the inlet of the pump.
- Avoid operating at temperatures lower than 8 °C-46 °F
- At the end of work it is important to clean the pump with water