

# IceBlast

KG6 1/2" - 100/230V



IceBlast KG6

● IceBlast KG6 1/2"

### IceBlast KG6 1/2"- 100/230 V

The IceBlast KG6 is suitable for companies that have a limited number of short Dry Ice Blasting cleaning tasks. It is supplied complete with an ergonomic Blasting Gun and 5 m Blasting Hose.

The machine is unique due to its size and operation principles. It is electrically driven and controlled.

The Dry Ice Blasting machine is made of stainless steel and has a well-arranged, user-friendly control panel, making it simple to operate. Its compact size allows easy use in production areas. IceBlast KG6 has adjustable pellet dosage, and various pressure can be selected depending on the coating to be removed.

The machine is highly effective due to the IceTech patented self-adjustment system that requires a minimum of maintenance. Dry Ice pellets with a diameter of 3 mm are used as blasting material.

### IceTech products are:

- High-quality
- Reliable
- Ergonomic
- Easy to operate
- Multifunctional
- Cost and time saving

### Complete Item nos.

EU / UK: Item no.	KG6 1/2"
90077S	100 V / 220 V, compl. EU/UK

US: Item no.	KG6 1/2"
90078S	110 V, 3/4", compl. US

JP: Item no.	KG6 1/2"
90077S	100 V / 220 V, compl. JP



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### Technical data

**Dimensions mm/inch:**      **Length:** 480 / 18.8      **Width:** 520 / 20.4      **Height incl. handle:** 930 / 36.6  
**Height w/ handle folded down:** 650 / 25.6

**Weight:**      **kg:** 50 / **lbs:** 110

**Dry Ice Capacity:**      **kg:** 6 / **lbs:** 13

**Dry Ice Consumption:**      **kg/hr:** 15-40      **lbs/hr:** 36-88      *-infinitely adjustable*

**Supply Pressure:**      **bar:** min. 5 - max. 10      **psi:** min. 72 - max. 145

**Blasting Pressure:**      **bar:** min. 2 - max. 10      **psi:** min. 29 - max. 145

**Air Consumption:**      **Nm3/min:** 0.7 - 5      **cfm:** 25 - 175      *-depending on nozzle combination*

**Compressed Air Connection:** 3/4" claw coupling  
*Air quality: According to ISO 8573-1 Class 3 for environment temperature below + 5°C.*

**Power Consumption:**      230 V - 110 V - 100 V - AC 50-60 Hz - 800 W

**Hose:**      Blasting Hose, 3/4" Single Hose System

**Noise:**      Noise level 60-120 dB(A) depending on blasting pressure, nozzle combination and material surface

Contact IceTech to obtain expert advice on the right Dry Ice Blasting solution for you.

Head office Europe: +45 7656 1500 • Head office United States: +1 513-942-4144 • IceTech Germany: 08004 238 324

IceTech Asia: +65 9635 3527 • Or visit IceTech online at [www.icetechworld.com](http://www.icetechworld.com) to learn more.

# IceBlast ●

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● Enthalten

**Blasting Hose 1/2"**

**Length: 5 m / 16 ft**

**Item no: 201104-V2**

The blasting hose is made of a flexible fibre reinforced silicone tube with a protective sleeve. Safety couplings allow swift and safe connection to the machine and the blasting gun.



**Air Supply Hose 3/4"**

**Length: 10 m / 32 ft**

**Item no: 90199**

**US Item no: 90194**



**IceGun 1/2"**

**Item no: 201502**

**US Item no: 201510**

The blasting guns are modularly designed and can be combined with a broad range of nozzles and accessories. This makes them adaptable to suit each individual blasting application, thus it is always possible to obtain maximum cleaning efficiency.



- :: Safety switch
- :: Trigger - Blasting with Dry Ice AND Air

● IceBlast KG6 1/2"

● Technical Data

● Included

● Appropriate Accessories

# IceBlast

## KG6 1/2" - 100/230V



IceBlast KG6

● Appropriate Accessories

● IT3 Box of Nozzles

● Air Consumption Table/Splitter grid

### Blasting Hose

**Length:** 1.5 m / 4.9 ft  
**Length:** 5 m / 16 ft  
**Length:** 10 m / 32 ft

**Item no:** 201106-V2  
**Item no:** 201104-V2  
**Item no:** 201105-V2



### Air Supply Hose 3/4"

**Length:** 3 m / 9.84 ft  
**Length:** 10 m / 32 ft  
**Length:** 10 m / 32 ft

**Item no:** 90195  
**Item no:** 90199  
**US Item no:** 90194



### IT3 Box of Nozzles

**Item no:** 90399

Includes the most commonly used types of nozzles, delivered in a flight case.

**Length:** 550 / 21.6

**Width:** 350 / 13.8

**Weight:** g:3500 / lbs: 7.7



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# IT-3 Box of Nozzles

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**ICE TECH**

The IT-3 Box includes the most commonly used types of nozzles.



Appropriate Accessories



IT3 Box of Nozzles



Air Consumption Table/Splitter grid

**Flat nozzle, 50 mm, complete**  
Item no: 502666



**Nozzle insert, Ø 5-16**  
Item no: 91305



**High-flow IceSplitter w/grid, 1.5 mm**  
Item no: 91402



**Nozzle insert, Ø 6-16**  
Item no: 91306



**long-life grid f/IceSplitter, 2 mm**  
Item no: 91444



**Nozzle insert, Ø 7-16**  
Item no: 91307



**long-life grid f/IceSplitter, 2,5 mm**  
Item no: 91447



**Nozzle insert, Ø 9-16**  
Item no: 91309



**Extension bend, 90° x 210 mm, complete**  
Item no: 91201S



**Nozzle insert, Ø 10-16**  
Item no: 91310



**Extension bend, 45° x 210 mm, complete**  
Item no: 91202S



**Nozzle holder**  
(Not to be fitted directly on IceGun)  
Item no: 91007



**Combo nozzle, complete**  
Item no: 91319



**Key for flat nozzle, 2.5 mm**  
Item no: 98008



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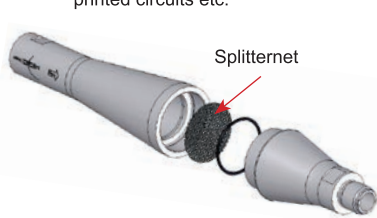
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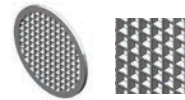
# Air Consumption Table

## High and Low Flow IceSplitters

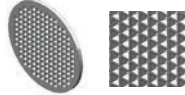
- Pulverises dry ice pellets
- To be used when very low abrasion is required, cleaning sensitive objects like electric switchboards, printed circuits etc.



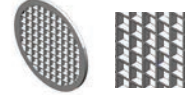
1.5 mm grid.  
Item no.: 91443



2.5 mm grid.  
Item no.: 91447



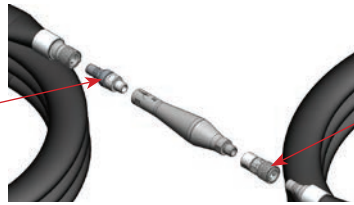
2 mm grid.  
Item no.: 91444



3 mm grid.  
Item no.: 91448

IceSplitter can be adapted  
between blasting hoses

- 91410-V2 (KG12+KG30+KG50)  
200202 (KG6+KG20)  
IceSplitter adapter



- 91411-V2 /  
200203 (KG6+KG20)  
IceSplitter adapter

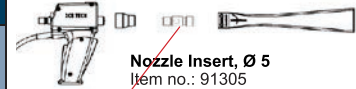
Appropriate Accessories

IT3 Box of Nozzles

Air Consumption Table/Splitter grid

## Air Consumption Table - Bar

Bar >>	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ø5	0.7	0.9	1.2	1.4	1.6	1.9	2.1	2.3	2.6	2.8	3.0	3.3	3.5	3.7	4.0
Ø6	1.0	1.3	1.7	2.0	2.4	2.7	3.0	3.4	3.7	4.0	4.4	4.7	5.1	5.4	5.7
Ø7	1.4	1.8	2.3	2.7	3.2	3.7	4.1	4.7	5.1	5.7	6.2	6.6	7.1	7.4	7.7
Ø8	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.1	6.7	7.3	7.9	8.4	9.1	9.7	10
Ø9	2.3	3.0	3.8	4.6	5.3	6.1	6.9	7.7	8.4	9.4	10.1	10.8	11.7	12.1	13
Ø10	2.8	3.7	4.7	5.7	6.6	7.6	8.5	9.6	10.4	11.3	12.4	13.4	14.3	15.3	16



Nozzle Insert, Ø 5  
Item no.: 91305

Nozzle Insert, Ø 6  
Item no.: 91306



Nozzle Insert, Ø 7  
Item no.: 91307

Nozzle Insert, Ø 8  
Item no.: 91308

Nozzle Insert, Ø 9  
Item no.: 91309

Nozzle Insert, Ø 10  
Item no.: 91310

Air consumption in Nm<sup>3</sup>/min - ft<sup>3</sup>/min at the pressures indicated bar - Ø = nozzle diameter

## Correct use of the 4 types of long-life splitternets

In the table, recommended settings of max. dry ice consumption and min. supply pressure are indicated.

Splitternet mm	1.5		2		2.5		3	
	Max Ice kg/h ✱	Min. Air ⤵	Max Ice kg/h ✱	Min. Air ⤵	Max Ice kg/h ✱	Min. Air ⤵	Max Ice kg/h ✱	Min. Air ⤵
Ø5	20	4	25	4	30	4	35	4
Ø6	25	4	30	4	35	3.5	40	3.5
Ø7	30	3	35	3	40	3	45	3
Ø8	35	3	40	3	45	3	50	3
Ø9	50	3	70	3	100	2	120	2
Ø10	60	2	80	2	120	2	150	2

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