



# A revolutionary Breathing Air Pump System that provides cool Grade D Air from the trusted name in Respiratory Protection...Bullard

The Bullard ICE Pump provides workers with increased protection and comfort while maximizing productivity. ICE safely provides clean, breathable air to workers wearing Type C or CE Continuous Flow Supplied Air Respirator hoods or masks.

## Absolute Compliance

- Provides Cool Grade D Breathable Air
- **No** CO Monitor required
- Easily combines with most NIOSH-approved low pressure supplied air respirator systems

## Complete Comfort

- Reduces heat stress in workers
- Provides more than 15°F of ambient air cooling\* to users
- Portable with standard Wheel Kit and Roll Cage

## Improved Productivity

- No set up or calibration required
- Reduces worker fatigue
- Increases productivity

## Applications

- **Painting**
- **Spray Foam**
- **Blasting**
- **Industrial**

\*when used with Bullard's Frigitrion2000



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# ICE

INDIVIDUAL COOLING EQUIPMENT



## ICE Ordering Information

Item	Description
ICEPUMP11	11 cfm ICE Pump Assembly. Includes Inlet Filters, Pressure Gauge, Roll Cage, Wheel Kit, 110V Cord and Plug
<b>Respiratory Work Systems</b>	
GR50ICESYS	ICEPUMP11 with GR50 Respirator, 100' of 1/2" ID breathing air hose, and Frigitron2000 climate control device
CC20TICICESYS	ICEPUMP11 with CC20TIC Respirator, 100' of 1/2" ID breathing air hose, and Frigitron2000 climate control device
88VXICESYS	ICEPUMP11 with 88VX3235 Respirator, 100' of 1/2" ID breathing air hose, and Frigitron2000 climate control device
GENVXICESYS	ICEPUMP11 with GVX2835 Respirator, 100' of 1/2" ID breathing air hose, and Frigitron2000 climate control device
SPEC40ICESYS	ICEPUMP11 with SPECFFML full facepiece respirator, 100' of 3/8" ID breathing air hose, AC1000 climate control device, and 1/4" Industrial Interchange (Hansen compatible) QD coupler

Item	Description
<b>ICE Parts and Accessories</b>	
23611	Inlet Filter
ICEOF	Inline Outlet Filter, 90 micron
V50IN	Remote inlet air hose kit, 50' (four needed per pump)
V50EX	Remote extension air hose kit, 50' (five per inlet maximum)
ICEPG	Pressure gauge, liquid-filled, 0-100 psig
ICESK11	Service Kit, ICEPUMP11. Incl. Gasket Heads, Cylinders, Seals, Valves, Sleeves, Rings, and Spacers.
FRIGITRON2000	Climate control device, Hansen/Indust. Interchange
V20100ST	1/2" Indust. Interchange (Hansen compat.) QD coupler and nipple, 100' Breathing Air Hose
WKIT16	Wheel Kit Assembly

### ICE Pump Technical Specifications

<b>Enclosure:</b>	Open Drip-Proof Meets UL requirements CSA Approved
<b>Class:</b>	Natl. Elec. Code: Class B Design N Code K
<b>H.P.:</b>	2.0
<b>Phase:</b>	Single
<b>Cycles:</b>	60 Hz
<b>Volts:</b>	115 Volts
<b>Amps:</b>	19 @ 115 V.
<b>Protector Overload:</b>	Internal Thermal Overload
<b>Cord:</b>	6 ft. 110 V.
<b>Plug:</b>	NEMA 5-20 Three-Prong Plug



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## Specifications

- Capacity to supply one NIOSH-approved respirator
- Portable – Includes roll cage and wheel kit (standard)
- Oil-less\* – eliminates OSHA-required CO monitors, temperature alarms, and airline filters
  - \* Compressor does contain lubricated motor bearings and rod bearings. The bearings are a sealed design and lubricated for the life of the product. They are also located outside the compressed (wetted) air path of the compressor, eliminating any potential lubrication leakage inside the air path.
- 2.0 HP, electric-driven
- 6 ft. 110 V cord with NEMA 5-20 three-pronged plug
- Liquid-filled pressure gauge (0-100 psig)
- 1/2" Industrial Interchange (Hansen compatible) quick-disconnect coupler
  - At least 100' of 1/2" ID breathing air supply hose is required for proper performance
- Weight: 100 lbs. (45.4 kg)  
Shipping weight: 185 lbs. (83.9 kg)
- Sound Level (dBA) at:
  - 1 ft. – 96.4
  - 6 ft. – 88.8
  - 10 ft. – 84.6
  - 15 ft. – 80.6
- Air flow of 8 cfm at 60 psig (225 lpm @ 400 kPa)
- Dimensions: 28" L x 18" W X 20.5" H  
Shipping Dimensions: 48" L x 32" W X 35.5" H
- Maximum Outlet Air pressure of 60 psig (400 kPa)
- Does not need to be bolted down
- No calibration required
- Made in the USA



## Electrical Motor Specifications

- Open, drip-proof enclosure
- Meets UL requirements
- CSA approved
- 2.0 HP
- Single Phase
- 60 Hz cycle
- 115 Volts
- 19 amps @ 115 V
- 1.25 Service Factor
- Internal Thermal Overload

## Filters

- Breathable air inlets (4) can be located up to 300 feet away from pump
- Medium Efficiency Inlet Filters (particulates larger than 25 microns filtered out of the air supply). Replace after 500 operational hours or less depending on working conditions
- 90-micron Inline Outlet Filter. Replace after 500 operational hours or less depending on working conditions

## Respirator Capabilities

- May be used in conjunction with any manufacturer's NIOSH-approved supplied air respirators. Check the respirator's owner's manual to verify pressure and CFM requirements.

## Warranty

- 1-year limited warranty to original purchaser from date of purchase

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RESPIRATOR	PUMP	HOSE	COOLING DEVICE	HOSE LENGTHS (FT.)
<b>88VX</b>	ICEPUMP11	V20	FRIGITRON2000	100, 200, 300
<b>GENVX</b>	ICEPUMP11	V20	FRIGITRON2000	100, 200, 300
<b>GR50</b>	ICEPUMP11	V20	FRIGITRON2000	100, 200, 300
<b>CC20</b>	ICEPUMP11	V20	FRIGITRON2000	100, 200, 300
<b>20LF</b>	ICEPUMP11	V20	FRIGITRON2000	100, 200, 300
<b>RT</b>	ICEPUMP11	V20	FRIGITRON2000	100, 200, 300
<b>SPECTRUM CF</b>	ICEPUMP11	V10*	AC1000	100, 200, 300
<b>FAMB</b>	ICEPUMP11	N/A	N/A	N/A

\* Requires replacement of standard 1/2" coupling to V15 1/4" coupling



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