

BROOKLYN SEVERE-DUTY EQUIPMENT CORPORATION

Air Conditioning, Air Filtering, Pressurization, Humidity Control, Heating, Drinking Water, and Ventilation for Difficult Ambient Conditions
Including Corrosive, Dusty, Hazardous (Explosive), Hot, High-Altitude, Humid, Marine, Military and other Harsh Environments

SPECIFICATIONS FOR THE PROJECT

Brooklyn Severe-Duty Equipment offers a wide range of standardized air-conditioners and bottled-water coolers for difficult industrial environments. This form will guide you assemble the information needed to best resolve your problems. The more thoroughly you describe the application, the more we can help you improve your systems. Fax or e-mail (Info@BrooklynSevereduty.com) us the completed form.

DESCRIPTION OF THE APPLICATION: _____

Building or room which needs the equipment Width _____ Length _____ Height _____ Feet () Meters ()
Use of the Space: Analyzers () Control Room () Computer Room () Storage of Flammable Products ()
Switchgear Room or Electrical Substation () Storage of Munitions () Mine Type _____
Laboratory () Telephone/Radio Control Room or Relay Station () Other _____

Environment Temp Required _____ Ambient Temp: Max. _____ Min. _____ Average _____ °F () °C ()
Relative Humidity: Required _____ % Ambient _____ % Humidistat? Yes () No () Altitude _____ above sea level Feet () Meters ()

Electrical Data: Desired Configuration: Voltage _____ Hertz _____ Number of Phases _____
Classification Internal: NEC Class _____ Group _____ Division _____ or Not classified ()
External: NEC Class _____ Group _____ Division _____ or Not classified ()

Pressurization Will the space be pressurized? Yes () No () Up to what pressure? _____ in () cm () water column
If the area will be pressurized, what is the rate of leakage in percentage of total volume of the space per minute?
"Sealed/Minimal" < 5% () "Moderate" 5%-10% () "Leaky" >10% ()
Must system meet a specific standard? () NFPA 496 () Other _____

Replacement Air Replacement air required? Yes () No () CFM _____ or Changes per Hour _____
(In addition to Leakage) Height of stack above unit _____ °F () °C () Diameter of Stack _____ in () cm ()

Air Conditioning Required? Yes () No () Load: Latent _____ Sensible _____ Total _____ BTU () KW () /H

Type of Construction Walls: Type _____ Material _____ Thickness _____ in () cm ()
Roof: Type _____ Material _____ Thickness _____ in () cm ()
Floor: Type _____ Material _____ Thickness _____ in () cm ()

Type of Insulation Under Floors Factor = _____ R () U () or _____ in () cm () of _____
In the Walls Factor = _____ R () U () or _____ in () cm () of _____
In the Roof Factor = _____ R () U () or _____ in () cm () of _____

Doors and Frequency of Access No. of Doors _____ Height _____ Width _____ Times Opened per Hour _____
No. of Doors _____ Height _____ Width _____ Times Opened per Hour _____

Electrical and Other Heat Loads Total Lighting Load _____ watts Other Electric Loads from Outlets _____ watts
Total Other Loads (such as switchgear equipment, transformers, heaters, refrigerators, product chilling, sun light, computers, motors, laboratory experiments) _____ BTU () KW () per hour

Population Number of People in the Space: Normally _____ Maximum (Under Normal Conditions) _____

Filters, Sensors, Redundancy, and Other Options: In almost any configuration of its equipment BSDE can include air-filtration systems and/or gas sensors to automatically shut down the pressurizing system to prevent the entrance of contaminated air into the protected space and to set off alarms. If you need this type of optional equipment, please describe the types and concentrations of the contaminants in the air and what results you want from the equipment (ex, level of filtration of solids from the air):

Name and Position: _____

Department and Company: _____

Address: _____ E-Mail: _____

Postal Code: _____ City: _____ Province: _____ Country: _____

Telephone: Country/City or Area Code: _____ Phone(s): _____ Fax: _____

63 Flushing Ave, Unit 236, Brooklyn, New York 11205 U.S.A. Telephone: (718)643-0606 Fax: (718)643-1333 www.BrooklynSevere.com