

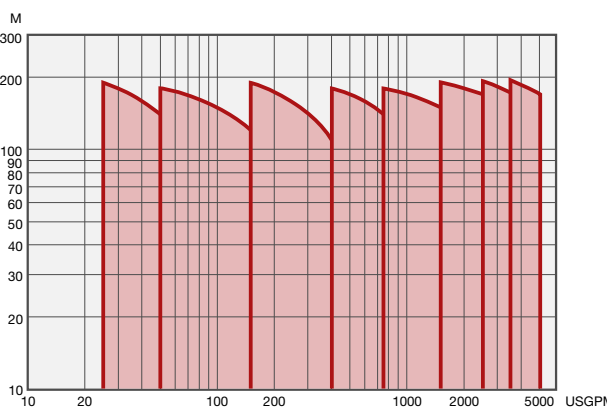
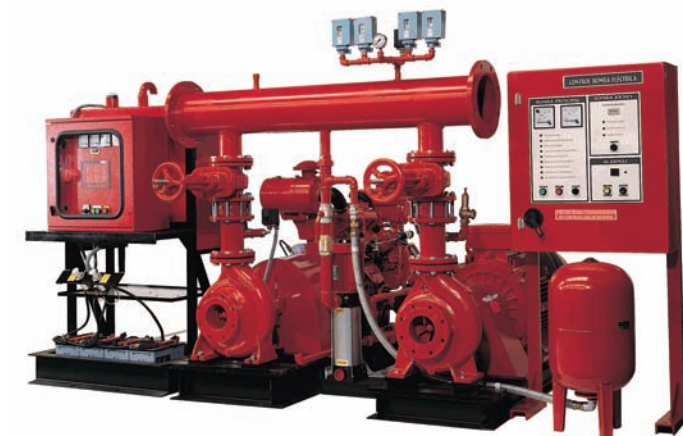
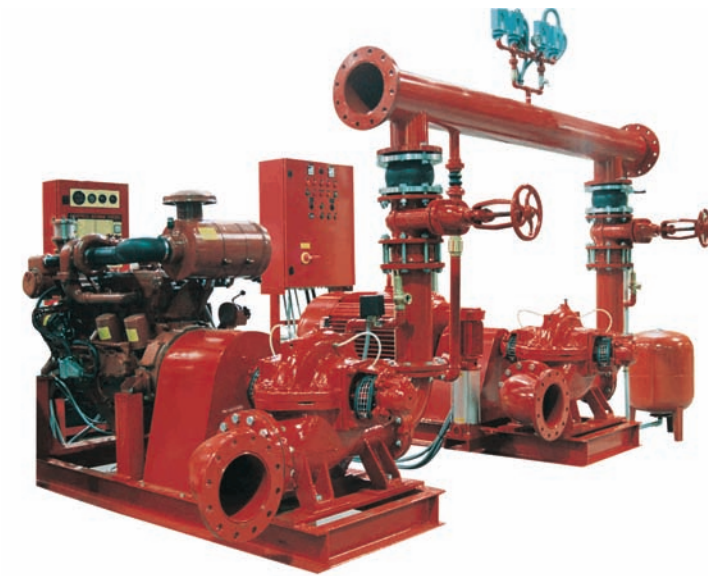
## Fire Fighting Packages - Standards

### NFPA 20

USA Standard for the Installation of Stationary Pumps for Fire Protection.

Most of the countries that provides fire fighting packages must comply with the regulations issued by the National Fire Protection Association. Bombas Ideal designs the fire fighting packages according to NFPA 20 specifications to meet the strict standards and at the same time ensuring cost effective solutions.

Bombas Ideal fire fighting packages cover the full NFPA 20 range as follow:  
 Rated capacities: from 25 to 5000 USGPM.  
 Rated pressures: from 70 to 190 M.  
 Other duty points are available under request.



### EN 12845

Fixed fire fighting systems. Automatic sprinkler systems. Design, installation and maintenance. Reinforced fulfillment on all european countries.

### UNE 23-500

Water supplies systems for fire fighting. Reinforced fulfillment on Spain.

### CEPREVEN R.T.2.-ABA

Water supply for fire fighting systems. Requested by main insurance companies.

### CEPREVEN R.T.1.-ROC

Fixed fire fighting systems. Automatic sprinkler systems. Design, installation and maintenance. Requested by main insurance companies.

## Compact fire fighting packages with electric and diesel close coupled pumps

Small sets up to 30 HP according to UNE 23500-90 standard, consisting of main electric driven pump, jockey pump, pressure tank, controller, pressure switches and pressure gauge, everything assembled on common base plate. FOC-F sets are designed with horizontal monoblock main pumps and FOC-V type with multistage vertical pumps

In both cases the equipment can be complemented with a diesel pump as per service data required. Also include controller with automatic starter according to UNE 23500-90.

### Typical applications

Condominiums  
 Small industries  
 Hotels and restaurants  
 Public buildings  
 etc...



Fire Fighting Packages Bombas **IDEAL**  
 by **DAKOTA** - Thailand

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## FIRE FIGHTING PACKAGES



## A Leader's Response



Bombas Ideal S.A. has been manufacturing pumps since 1902. Throughout this period, the most advance technology available has been used in the design and manufacture of our products to obtain the highest levels of efficiency and quality which has resulted in its products being found all over the five continents. Bombas Ideal has provided large amount of fire fighting packages in recent decades. Our long experience make us a leader in this sector around Europe and Worldwide.

Bombas Ideal, on his commitment to be always at the service of his clients, offers a complete family of horizontal and vertical pumps for fire fighting packages complying with NFPA 20, EN, UNE and CEPREVEN standards.

Bombas Ideal has always recognised the importance of developing new products and the continuous improvements of the existing product range. Our accreditation and implementation of UNE-EN 16602: 2006 for (R&D&I) "Research, Development and Innovation in centrifugal pumps and pump sets", together with ISO 9001: 2008 for "Design, manufacturing, sale and after-sale service of centrifugal pumps, single and multi stage, pressure sets and fire fighting sets", are essential tools in the Company's constant search for quality and innovation.

### User's list:

Prat Airport Control Tower  
 Carrefour Logistic Center  
 Guggenheim Museum  
 Sagrada Familia Hospital  
 Harbour of Valencia  
 Cervantes Education Institute  
 La Rosaleda Stadium (Málaga C.F.)  
 Bullring of Granada  
 Toyota Factory

Omar Industries  
 Ubesol Industries  
 Texnovo Industries  
 Melia Iberia Hotel  
 Sunwing Hotel  
 García Carrión  
 Media Markt  
 Marbella Club  
 PTT (Rayong)

