

FIRE-FIGHTING SET FOR THE GRASSI HOSPITAL IN OSTIA



WHERE:

The Giovan Battista Grassi Hospital is located in the Lido di Ostia, a coastal district of the capital of Italy traditionally known as the beach of Rome.

The hospital complex is surrounded by two large green areas: by the Pineta di Castel Fusano Urban Park to the east and by Parco X Giugno (Marina Festival) to the north, with the Tyrrhenian Sea to the south.

WHEN:

June 2016

INSTALLER:

S.I.T. Impianti



THE REQUEST:

Following the renovation of Ostia Hospital, the fire-fighting set was replaced with a DAB set consisting of an electric pump, a jockey pump and a diesel engine-driven pump, specifically:

- Diesel engine-driven pump 60150083 1KDN 100-330/290 MD EN 12845
- Electric pump 60177080 1KDN 100-330/290 110 T400/50 IE3 EN 12845-KV 3/15

Both these pumps meet the following requirements:

- flow rate= 230 m³/h
- head= 140 metres
- motor power= 110 kWatts

Fire-fighting pump sets include an electric control panel for each pump, connected to the main components (motor, pressure switches, sensors, batteries, etc.).

Diesel engine-driven pump sets have a vibration dampening system that reduces the amount of the vibrations produced by the Diesel engine reaching the system. The Diesel engine-driven pump includes two start-up batteries and a Diesel tank providing 6 hours of continuous operation. The Diesel engine can operate continuously at full load in accordance with ISO 3046 standards, curve NA (section 10.9.1 of UNI EN 12845).

- 2 KDN 100-330/290 MD EN 12845

