

MODEL : EDJ-75-12-DEF  
CAPACITY : 750 Gpm  
HEAD : 120 M

## Diesel Fire Pump Set ( EDJ )



Pic 1



Pic 2

EDJ engine Model DEJ-75-12-DEF  
The DEJ 75-12-DEF Diesel Fire Pump Set is a reliable system designed to combat fires efficiently, boasting a capacity of 750 gallons per minute and a head of 120 meters. Overall, the DEJ 75-12-DEF Diesel Fire Pump Set combines power, efficiency, and reliability to provide effective fire suppression capabilities, safeguarding lives and property against fire hazards.

### Diesel Engine

Unit	Diesel Engine
Model	DEF 6.7TDI-D180
Brand	Defender
Number of cylind	6
Type	Turbo with Cooling
Max power	168 kw
Aux power	32 kw
Speed	3000 Rpm
Bore x Stroke	105 x 130 mm
Cap oil	12 L
Injection type	Mechanical
Displacemant	2.585 L
Weight	+/- 625 kg

### Head Pump

Model	150 x 100 FSKA
Brand	Ebara
Inlet & outlet Power	6 X 4 Inch
Power	132 kw
pump Speed	3000
Chasing	Cast Iron
Shaft	403 Stainless Steel
Seal	Ceramic/Carbon/NBR
Impeller	Bronze Casting (CAC406/BC60)
Weigth	65 Kg

## Electric Fire Pump

### Electric Pump 1000 gpm 120 m

The electric fire pump with a capacity of 1000 gallons per minute and a head of 132 meters is a reliable solution for fire suppression. Here are the specifications:



- Pump Brand: Ebara
- Model: 150 x 100 FSKA
- Auxiliary Pump Power: 132 KW
- Electrical Motor Brand: Defender
- Motor Type: DEF 315M-2
- Power: 132 KW / 180 HP
- Speed: 3000 - 2P

This electric fire pump, equipped with a powerful Defender motor, efficiently delivers water to extinguish fires with precision and speed. Its high capacity and head make it suitable for various fire suppression applications, ensuring effective firefighting in diverse environments.

## Electric Motor

Model	DEF 315M-2
Brand	Defender
Capacity	1000 - 120
Phase - Frequency	3 Phase - 50 Hz
Speed	3000
Voltage	380
Power	132 kw - 180 Hp
Weigth	300

## Head Pump

Model	150 x 100 FSKA
Brand	Ebara
Inlet & outlet	6 X 4 Inch
Power	132 kw
Speed	3000
Chasing	Cast Iron
Shaft	403 Stainless Steel
Seal	Ceramic/Carbon/NBR
Impeller	Bronze Casting (CAC406/BC60)
Weigth	65 Kg

## Jockey Pump



The Jockey pump, specified as Type CDMF 5-16, offers the following features:

- **Capacity and Head:** With a capacity of 5m<sup>3</sup>/h (22 GPM) at a head of 99 meters, the Jockey pump efficiently maintains water pressure within the fire suppression system.
  - **Power:** It is powered by a 2.2 kW motor operating at 3 Phase and 2950 RPM, ensuring reliable and consistent performance.
- This Jockey pump is designed to provide precise control over water pressure, ensuring the readiness and effectiveness of the fire suppression system in critical situations.

## Jockey Pump

Type	CDMF 5-16
Brand	CNP
Cap & Head	5m <sup>3</sup> /h (22 GPM) 99 m
Power	2,2 kW/3 Phase/2950 RPM