

Qty. Description

1 **Hydro Multi-E 2 CRE 20-1 UK A-A-A-U-A**



Note! Product picture may differ from actual product

Product No.: [99445640](#)

A GRUNDFOS Hydro Multi-E booster set consists of 2 to 3 speed controlled CR pumps (CRE pumps). Each CRE pump is equipped with an integrated variable frequency drive motor (MLE motor).

- Hydro Multi-E maintains constant pressure through continuous adjustment of the speed of the pumps.
- The system performance is adapted to the demand through cutting in/out the required number of pumps and through parallel control of the pumps in operation.
- Pump cascade control is based on first on first off to ensure equal pump wear.
- All pumps in operation will run at equal speed.

GRUNDFOS Hydro Multi-E booster sets are designed for pressure boosting of clean water in residential/commercial building, municipal, industrial, and irrigation applications.

All motors are capable of system control and two discharge sensors are mounted on discharge manifold as standard. This allows 100% system control redundancy.

The system consists of these parts:

- Single Point Power connection - Disconnect panel with individual pump disconnects inside panel.
- Advanced Control Interface - System controller installed in one pump on system.
- Suction manifold and discharge manifold made of 316 stainless steel.
- Base frame made of 304 stainless steel.
- One non-return valve (check valve), and two isolating valves for each pump.
- Adapter with isolating valve for connection diaphragm tank.
- Pressure gauge on suction and discharge manifolds.
- Pressure transducer on discharge manifold.
- Dry-running protection is standard with use of differential pressure switch on suction manifold.
- Grundfos bus communication with optional gateway connections for LON, Modbus, Profibus, BACnet, GSM

When delivered, the GRUNDFOS Hydro Multi-E booster set is factory tested and ready for operation.

Diaphragm tank is available as an accessory.

Liquid:

Pumped liquid: Water
Liquid temperature range: 32 .. 176 °F
Selected liquid temperature: 68 °F
Density: 62.29 lb/ft³

Technical:

Rated flow: 223 US GPM
Rated head: 49.5 ft
Main pump type: CRE 20-1

Materials:

Pump housing: Cast iron
Manifold: Stainless steel

Installation:

Maximum ambient temperature: 104 °F
Maximum operating pressure: 232.06 psi
Maximum permissible inlet pressure: 116.03 psi
Manifold inlet: 4" ANSI



Company name:

Created by:

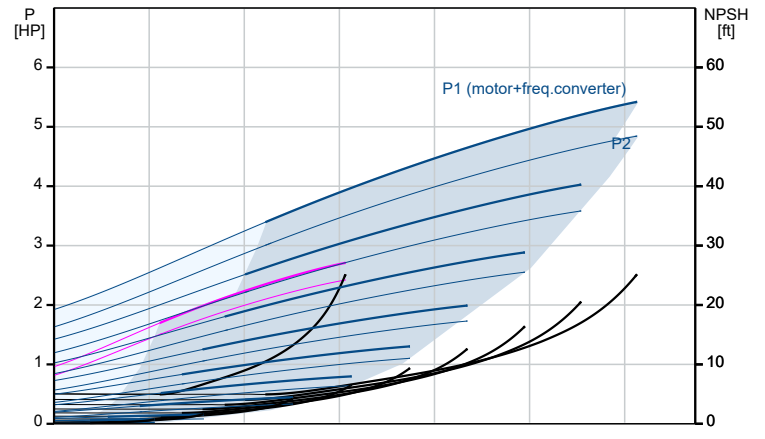
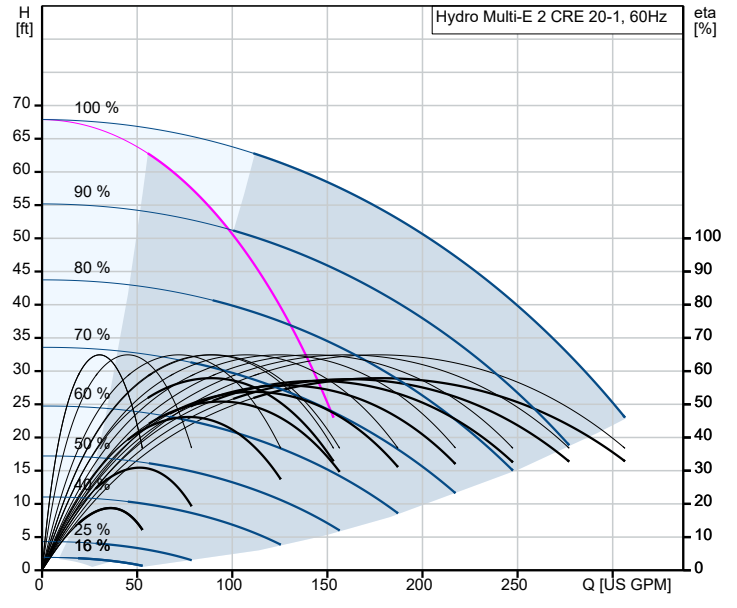
Phone:

Date:

12/01/2024

Qty.	Description
1	<p>Manifold outlet: 4" ANSI</p> <p>Electrical data:</p> <p>Power (P2) main pump: 3 HP</p> <p>Mains frequency: 60 Hz</p> <p>Rated voltage: 3 x 208-230 V</p> <p>Rated current: 16.6 A</p> <p>Method of start: E</p> <p>Radio interference supression: IEC/CISPR 11-1B</p> <p>Number of phases of main pump: 3</p> <p>Tank:</p> <p>Diaphragm tank: N</p> <p>Others:</p> <p>Net weight: 457 lb</p> <p>Gross weight: 680 lb</p> <p>Shipping volume: 89.7 ft³</p> <p>Country of origin: US</p> <p>Custom tariff no.: 8413.70.2040</p>

Description	Value
General information:	
Product name:	Hydro Multi-E 2 CRE 20-1 UK A-A-A-U-A
Product No:	99445640
EAN number:	5713829246935
Technical:	
Rated flow:	223 US GPM
Min flow system:	0 US GPM
Max flow system:	299 US GPM
Rated head:	49.5 ft
Maximum head:	66.93 ft
Number of pumps:	2
Main pump type:	CRE 20-1
Materials:	
Pump housing:	Cast iron
Manifold:	Stainless steel
Installation:	
Maximum ambient temperature:	104 °F
Maximum operating pressure:	232.06 psi
Maximum permissible inlet pressure:	116.03 psi
Manifold inlet:	4" ANSI
Manifold outlet:	4" ANSI
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	32 .. 176 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Power (P2) main pump:	3 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 V
Rated current:	16.6 A
Method of start:	E
Radio interference supression:	IEC/CISPR 11-1B
Number of phases of main pump:	3
Tank:	
Diaphragm tank:	N
Others:	
Net weight:	457 lb
Gross weight:	680 lb
Shipping volume:	89.7 ft³
Sales region:	Namreg
Country of origin:	US
Custom tariff no.:	8413.70.2040



99445640 Hydro Multi-E 2 CRE 20-1 UK A-A-A-U-A 60 Hz

