

**Qty. | Description**

1 **Hydro Multi-E 3 CRE 10-3 UK A-A-A-U-A**



**Note! Product picture may differ from actual product**

Product No.: [99445653](#)

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: 160 US GPM  
 Rated head: 114.2 ft  
 Main pump type: CRE 10-3

**Materials:**

Pump housing: Cast iron  
 Manifold: Stainless steel

**Installation:**

Max. ambient: 104 °F  
 Maximum operating pressure: 232.06 psi  
 Maximum permissible inlet pressure: 116.03 psi  
 Manifold inlet: 3" NPT  
 Manifold outlet: 3" NPT



Company name:

Created by:

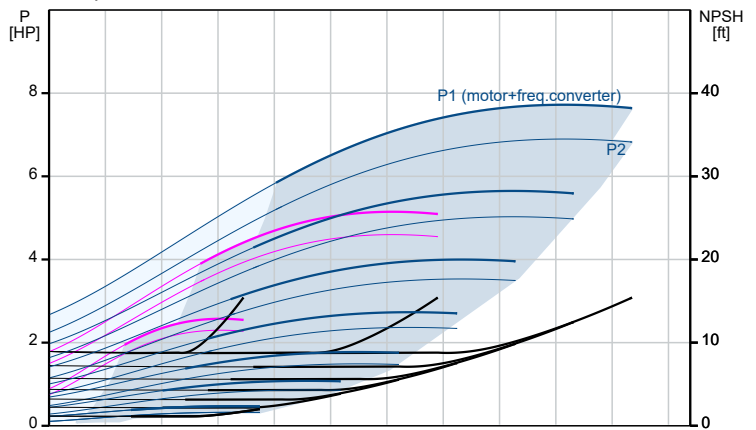
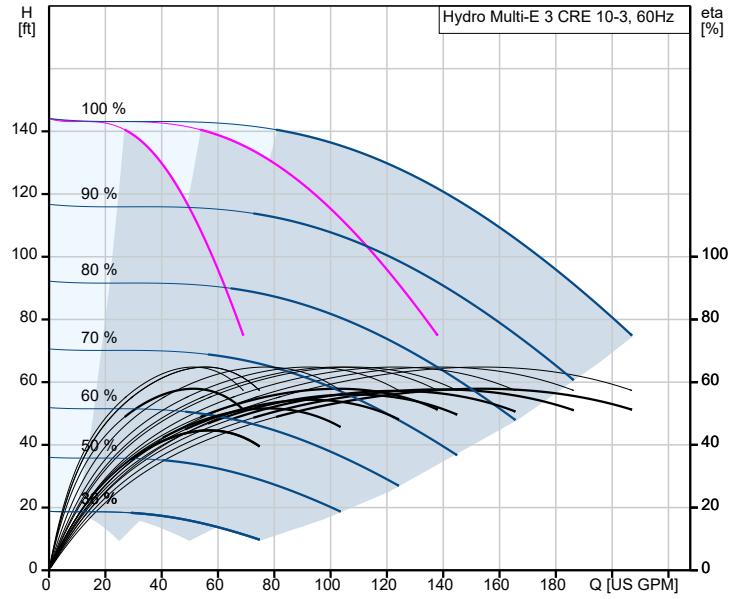
Phone:

Date:

03/03/2023

Qty.	Description																						
1	<p data-bbox="87 224 1576 257">Electrical data:</p> <table data-bbox="87 257 1576 470"><tr><td data-bbox="87 257 446 291">Power (P2) main pump:</td><td data-bbox="446 257 1576 291">3 HP</td></tr><tr><td data-bbox="87 291 446 324">Mains frequency:</td><td data-bbox="446 291 1576 324">60 Hz</td></tr><tr><td data-bbox="87 324 446 358">Rated voltage:</td><td data-bbox="446 324 1576 358">3 x 208-230 V</td></tr><tr><td data-bbox="87 358 446 392">Rated current:</td><td data-bbox="446 358 1576 392">24.9 A</td></tr><tr><td data-bbox="87 392 446 425">Method of start:</td><td data-bbox="446 392 1576 425">E</td></tr><tr><td data-bbox="87 425 446 459">Radio interference supression:</td><td data-bbox="446 425 1576 459">IEC/CISPR 11-1B</td></tr><tr><td data-bbox="87 459 446 470">Number of phases of main pump:</td><td data-bbox="446 459 1576 470">3</td></tr></table> <p data-bbox="87 504 1576 537">Tank:</p> <table data-bbox="87 537 1576 571"><tr><td data-bbox="87 537 446 571">Diaphragm tank:</td><td data-bbox="446 537 1576 571">No</td></tr></table> <p data-bbox="87 593 1576 627">Others:</p> <table data-bbox="87 627 1576 716"><tr><td data-bbox="87 627 446 660">Net weight:</td><td data-bbox="446 627 1576 660">617 lb</td></tr><tr><td data-bbox="87 660 446 694">Gross weight:</td><td data-bbox="446 660 1576 694">839 lb</td></tr><tr><td data-bbox="87 694 446 716">Shipping volume:</td><td data-bbox="446 694 1576 716">89.7 ft<sup>3</sup></td></tr></table>	Power (P2) main pump:	3 HP	Mains frequency:	60 Hz	Rated voltage:	3 x 208-230 V	Rated current:	24.9 A	Method of start:	E	Radio interference supression:	IEC/CISPR 11-1B	Number of phases of main pump:	3	Diaphragm tank:	No	Net weight:	617 lb	Gross weight:	839 lb	Shipping volume:	89.7 ft <sup>3</sup>
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Description	Value
<b>General information:</b>	
Product name:	Hydro Multi-E 3 CRE 10-3 UK A-A-A-U-A
Product No:	99445653
EAN number:	5713829247086
<b>Technical:</b>	
Rated flow:	160 US GPM
Min flow system:	0 US GPM
Max flow system:	211 US GPM
Rated head:	114.2 ft
Maximum head:	145 ft
Number of pumps:	3
Main pump type:	CRE 10-3
<b>Materials:</b>	
Pump housing:	Cast iron
Manifold:	Stainless steel
<b>Installation:</b>	
Max. ambient:	104 °F
Maximum operating pressure:	232.06 psi
Maximum permissible inlet pressure:	116.03 psi
Manifold inlet:	3" NPT
Manifold outlet:	3" NPT
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	32 .. 176 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
<b>Electrical data:</b>	
Power (P2) main pump:	3 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 V
Rated current:	24.9 A
Method of start:	E
Radio interference supression:	IEC/CISPR 11-1B
Number of phases of main pump:	3
<b>Tank:</b>	
Diaphragm tank:	No
<b>Others:</b>	
Net weight:	617 lb
Gross weight:	839 lb
Shipping volume:	89.7 ft³
Sales region:	Namreg



## 99445653 Hydro Multi-E 3 CRE 10-3 UK A-A-A-U-A 60 Hz

