HYDRO MULTI-B

PRESSURE BOOSTING

MADE SIMPLE







Drinking Water System Component NSF / ANSI 61

NSF / ANSI 372



THE BENEFITS OF HYDRO MULTI-B

Finding the right system

Not all booster system applications require highly advanced pressure boosting systems. However, most do not want to settle for a simple basic system.

Instead, they want a system that can adapt to changes in demand and is ready for future expansions – all without compromising high reliability and energy efficiency.



Simple yet very effective

The Hydro Multi-B is a unique combination of compact efficient variable speed multistage pumps and simple user interface. Due to the simplicity of the CU 323 controller unit, all daily operations can be handled in a safe and simple manner, which makes the system ideal for water supply in most applications that fits within the performance range of the Multi-B pump system. (see Hydro Multi-B performance range on next page).

These pressure boosting applications include:

- Large complexes such as schools and office buildings
- Multi-story buildings
- When redudant pumping is needed

Compact and designed to last

The high quality components and the design of the Hydro Multi-B booster system have been chosen with a focus on sturdiness and compactness. As a result, the user gets the benefits of a complete solution, with components optimized for domestic water pressure boosting.

Reliability

The CM pump has high reliability built-in. Clamping of the pumps impeller has been greatly improved by implementing a new stop ring to form a well-defined base. Combining this feature with a Nordlock® washer at the other end of the pump stack creates a robust and reliable design.

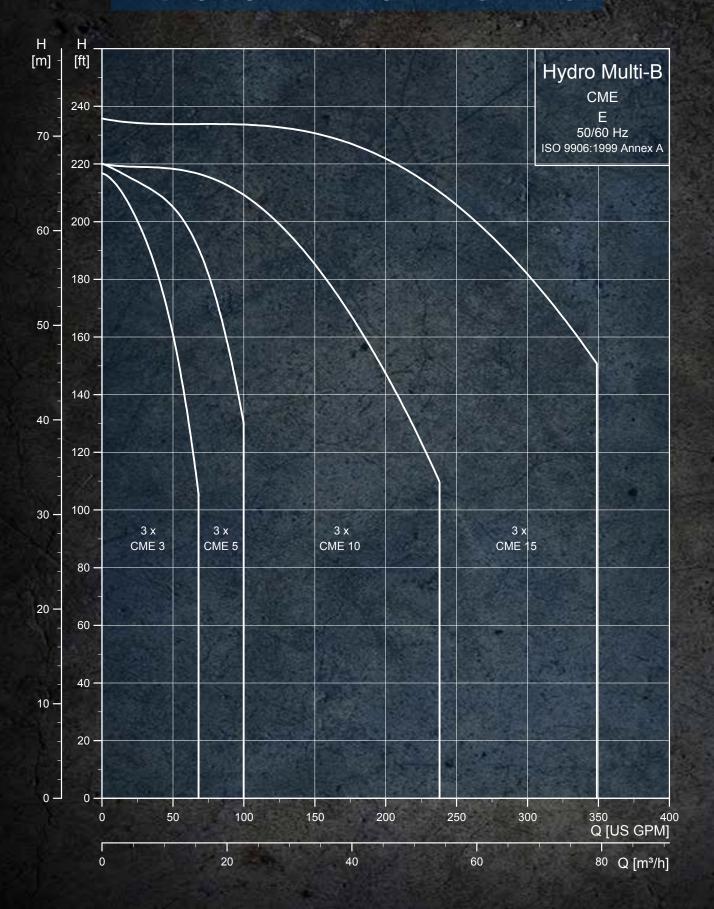
Ready... Set... Pump!

At Grundfos, Quality comes first. So before leaving the factory, every unit is completely assembled and thoroughly tested and inspected. This means that when customers receive their Multi-B booster system, it is only a matter of plugging it in and starting it up.

HYDRO MULTI-B SYSTEM

Baseplate shown powdered-coated mild steel, actual baseplate 304 stainless steel.

HYDRO MULTI-B PERFORMANCE RANGE







BENEFITS OF E-MOTOR

System integration made simple

A variable-speed solution with a separate variable frequency drive (VFD) placed in the control panel is common in many applications today.

However, Grundfos E-pumps take systems integration one step further by offering an integrated solution with a built-in variable frequency drive mounted directly on the motor.

Benefits of E-pumps with MLE motor over external variable frequency drives:

- Total systems integration one unit
- Optimum interface between motor and drive
- Space-saving installation no need for large control panel/ rooms or space on a wall
- Reduced logistics costs one product, one supplier

Grundfos Integrated VFD/Motor (MLE)

The MLE motor (E-motor) fitted to the CME pumps incorporate an integrated varible frequency drive.

The E-motor up to and including 2HP in 1x230V power and up to and including 3HP in 3x460V power are permanent magnet motors. These motors have a total efficiency (VFD and motor) which exceeds NEMA premium efficiency levels of motor alone and can be distinguished by the red stripe on the terminal cover.

The E-motor in 3x208-230V and above 3HP in 3x460V utilitze a squirrel cage induction motor and can be distinguished by the black/grey color.

CU 323 Controller

Brain of Multi-B pump system developed and manufactured by Grundfos pumps to control parellel connected pumps in pressure boosting applications.

Benefits include:

- Simple easy to use
- Energy efficient optimized cascade control of pumps
- Ensures equal run hours of all pumps
- Protects pumps against dry-run
- Protects pipe system against minimal pressure (pipe failure) and maximum pressure
- SCADA communication possible through expansion card installation in controller. Commonly used BUS protocals available



A small pump with gigantic potential

It was once said that great things come in small packages. When you see and experience the Grundfos CME pump in the Hydro Multi-B booster system you will know what this means.

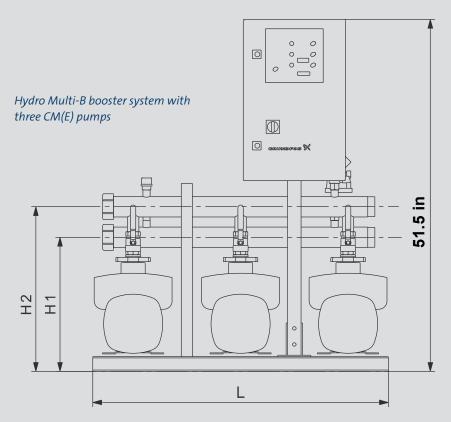
The horizontal multistage pump has been created with compactness reliability and quiet operation as its primary features.

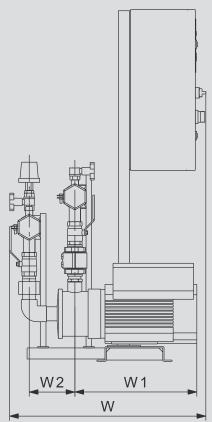
Compactness

The compactness of the Hydro Multi-B is only achievable due to the unique combination of size and performance that the Grundfos CME pump offers.

The CME pump is in certain dimensions 30% smaller than corresponding pumps that offer the same performance.







Hydro Multi-B/E with CME, 60Hz

No. of pumps Motor Voltage FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight Connection L W W1 W2 H3 M3 M3 M3 M3 M4 M3 M3 M														
CME 3-3	No. of	Pump	Motor	Voltage	FLA [Amps]	Connection	L	W	W1	W2	H1	H2	Tank	Weight
2	pumps					size [in.]								
CME 3-5	2			.	-	2" NPT	_	26.0	10.8				4.4	
No. of Pump Motor Voltage FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight Motor CME 5-3 1.5 U1 13.1 2" NPT 27.6 26.1 12.7 6.0 19.1 23.6 4.4 280 2.6 2.0 2.					-		27.6	26.1	10.8	7.0	17.6		4.4	
No. of pumps	3				-	2" NPT	43.3	24.1	10.8	5.6	17.6			
Pumps Type		CME 3-5	1.5	U1	19.7	2 141 1	43.3	24.9	10.8	7.0	17.6	22.1	4.4	313
Pumps Type														
CME 5-3	No. of	Pump	Motor	Voltage	FLA [Amps]	Connection	L	W	W1	W2	H1	H2	Tank	
2	pumps		[hp]			size [in.]			[in]				[gal.]	
CME 5-5 2 U3 17.8 / 11.2 / 5.8			1.5	U1	13.1		27.6	25.3	10.8	5.8	18.2	22.6	4.4	
CME 5-3	2	CME 5-4	2	U1,U2,U3	17.8 / 11.2 / 5.8	2" NPT	27.6	26.1	12.7	6.0	19.1	23.6	4.4	280
CME 5-4 2 U1,U2,U3 26.7 / 16.8 / 8.7 2" NPT 43.3 24.3 12.7 6.0 19.1 23.6 4.4 408 443 444 443 443 444 443 443 444 443 443 444 443 443 444 443 444 444 443 444		CME 5-5	2	U3	17.8 / 11.2 / 5.8		27.6	26.6	12.7	6.7	19.1	23.6	4.4	300
No. of Pump Motor Voltage FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight FLA [Amps] Connection Connecti		CME 5-3	1.5	U1			43.3	22.9	10.8	5.8	18.2	22.6	4.4	326
No. of pumps Hump Motor Voltage FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight Lype [hp] [V] U1/U2/U3 Size [in.] [in] [in] [in] [in.]		CME 5-4	2	U1,U2,U3	26.7 / 16.8 / 8.7	2" NPT	43.3	24.3	12.7	6.0	19.1	23.6	4.4	408
pumps type [hp] [V] U1/U2/U3 size [in.] [in] [in] [in.] <		CME 5-5	2	U3	26.7 / 16.8 / 8.7		43.3	26.4	12.7	6.7	19.1	23.6	4.4	443
pumps type [hp] [V] U1/U2/U3 size [in.] [in] [in] [in.] <														
CME 10-1 1.5	No. of	Dumn	Motor	Valtana	FI A [Amount]	0 4!	-	NA/	14/4	14/0		110		14/ 1 1/
2 CME 10-2 3 U2,U3 16.6 / 8.5 2.5" NPT 27.6 25.9 15.2 5.7 21.7 26.8 10.3 342 27.6 27.4 17.9 6.9 22.2 27.3 10.3 434 27.6 27.6 27.4 17.9 6.9 22.2 27.3 10.3 434 27.6 27.6 27.4 17.9 6.9 22.2 27.3 10.3 434 27.6 27.6 27.4 17.9 6.9 22.2 27.3 10.3 487 27.6 27.4 17.9 6.9 22.2 27.3 10.3 487 27.6 27.4 17.9 6.9 22.2 27.3 10.3 487 27.6 27.4 17.9 6.9 22.2 27.3 10.3 487 27.6 27.4 17.9 6.9 22.2 27.3 10.3 487 27.6 27.4 17.9 6.9 22.2 27.3 10.3 498 27.4 17.9 6.9 22.2 27.3 10.3 639 27.4 17.9 6.9 22.2 27.3 10.3 639 27.4 17.9 6.9 22.2 27.3 10.3 639 27.4 17.9 6.9 22.2 27.3 10.3 639 27.6 27.4 17.9 6.0 27.6 27.8 17.9 17.9 17.9 17.9 17.9 17.9 17.9 17.9	NO. OI	Fullip	MOTOL	voitage	FLA [AMPS]	Connection	L	VV	VV 1	W2	H1	H2	ıank	Weight
CME 10-3 5 U2,U3 26.8 / 12.2 27.6 27.4 17.9 6.9 22.2 27.3 10.3 434 CME 10-1 1.5 U1 19.7 43.3 25.9 11.6 4.5 21.4 26.5 10.3 487 CME 10-2 3 U2,U3 24.9 / 12.75 2.5" NPT 43.3 25.9 15.2 5.7 21.7 26.8 10.3 498 CME 10-3 5 U2,U3 40.2 / 18.3 27.4 17.9 6.9 22.2 27.3 10.3 639 No. of pump type [hp] [V] U1 / U2 / U3 size [in.] [in] [in] [in] [in.] [in] [in] [gal.] [lb] CME 15-1 3 U2,U3 26.8 / 12.2 3"ANSI 27.6 29.2 17.9 6.0 23.3 30.4 10.3 483 CME 15-3 7.5 U2,U3 39.4 / 17.8 27.6 29.2 17.9 6.0 23.3 30.4 10.3 503 CME 15-1 3 U2,U3 24.9 / 12.75 43.3 29.6 15.2 6.0 23.9 30.9 10.3 639 CME 15-2 5 U2,U3 24.9 / 12.75 43.3 29.6 15.2 6.0 23.9 30.9 10.3 639 CME 15-2 5 U2,U3 40.2 / 18.3 4" ANSI 43.3 29.6 17.9 6.0 23.9 30.9 10.3 650		•		_			_							_
CME 10-1 1.5 U1 19.7 2.5" NPT 43.3 25.9 11.6 4.5 21.4 26.5 10.3 487		type	[hp]	[V]	U1 / U2 / U3		[in]	[in]	[in]	[in.]	[in.]	[in]	[gal.]	[lb]
3	pumps	type CME 10-1	[hp] 1.5	[V]	U1 / U2 / U3 13.1	size [in.]	[in] 27.6	[in] 25.9	[in] 11.6	[in.] 4.5	[in.] 21.4	[in] 26.5	[gal.] 10.3	[lb] 331
No. of pumps Pump Motor Voltage FLA [Amps] Connection L W W1 W2 H1 H2 Tank Weight Fumps Vigor	pumps	type CME 10-1 CME 10-2	[hp] 1.5 3	[V] U1 U2,U3	U1 / U2 / U3 13.1 16.6 / 8.5	size [in.]	[in] 27.6 27.6	[in] 25.9 25.9	[in] 11.6 15.2	[in.] 4.5 5.7	[in.] 21.4 21.7	[in] 26.5 26.8	[gal.] 10.3 10.3	[lb] 331 342
No. of pumps Pump type Motor [lnp] Voltage [lnp] FLA [Amps] U1 / U2 / U3 Connection size [in.] L W [in] W1 W2 H1 H2 Tank [in.] Weight [in.]	pumps	type CME 10-1 CME 10-2 CME 10-3	[hp] 1.5 3 5	[V] U1 U2,U3 U2,U3	U1 / U2 / U3 13.1 16.6 / 8.5 26.8 / 12.2	size [in.]	[in] 27.6 27.6 27.6	[in] 25.9 25.9 27.4	[in] 11.6 15.2 17.9	[in.] 4.5 5.7 6.9	[in.] 21.4 21.7 22.2	[in] 26.5 26.8 27.3	[gal.] 10.3 10.3 10.3	[lb] 331 342 434
pumps type [hp] [V] U1 / U2 / U3 size [in.] [in] [in] [in.]	pumps 2	type CME 10-1 CME 10-2 CME 10-3 CME 10-1	[hp] 1.5 3 5 1.5	[V] U1 U2,U3 U2,U3 U1	U1 / U2 / U3 13.1 16.6 / 8.5 26.8 / 12.2 19.7	size [in.] 2.5" NPT	[in] 27.6 27.6 27.6 43.3	[in] 25.9 25.9 27.4 25.9	[in] 11.6 15.2 17.9 11.6	[in.] 4.5 5.7 6.9 4.5	[in.] 21.4 21.7 22.2 21.4	[in] 26.5 26.8 27.3 26.5	[gal.] 10.3 10.3 10.3 10.3	[lb] 331 342 434 487
pumps type [hp] [V] U1 / U2 / U3 size [in.] [in] [in] [in.]	pumps 2	type CME 10-1 CME 10-2 CME 10-3 CME 10-1 CME 10-2	[hp] 1.5 3 5 1.5 3	[V] U1 U2,U3 U2,U3 U1 U2,U3	U1 / U2 / U3 13.1 16.6 / 8.5 26.8 / 12.2 19.7 24.9 / 12.75	size [in.] 2.5" NPT	[in] 27.6 27.6 27.6 43.3 43.3	[in] 25.9 25.9 27.4 25.9 25.9	[in] 11.6 15.2 17.9 11.6 15.2	[in.] 4.5 5.7 6.9 4.5 5.7	[in.] 21.4 21.7 22.2 21.4 21.7	[in] 26.5 26.8 27.3 26.5 26.8	[gal.] 10.3 10.3 10.3 10.3 10.3	[lb] 331 342 434 487 498
2 CME 15-1 3 U2,U3 16.6 / 8.5 27.6 29.2 15.2 6.0 22.9 29.9 10.3 472 CME 15-2 5 U2,U3 26.8 / 12.2 3"ANSI 27.6 29.2 17.9 6.0 23.3 30.4 10.3 483 CME 15-3 7.5 U2,U3 39.4 / 17.8 27.6 29.2 17.9 7.2 23.3 30.4 10.3 503 CME 15-1 3 U2,U3 24.9 / 12.75 43.3 29.6 15.2 6.0 23.4 30.4 10.3 639 CME 15-2 5 U2,U3 40.2 / 18.3 4" ANSI 43.3 29.6 17.9 6.0 23.9 30.9 10.3 650	pumps 2	type CME 10-1 CME 10-2 CME 10-3 CME 10-1 CME 10-2	[hp] 1.5 3 5 1.5 3	[V] U1 U2,U3 U2,U3 U1 U2,U3	U1 / U2 / U3 13.1 16.6 / 8.5 26.8 / 12.2 19.7 24.9 / 12.75	size [in.] 2.5" NPT	[in] 27.6 27.6 27.6 43.3 43.3	[in] 25.9 25.9 27.4 25.9 25.9	[in] 11.6 15.2 17.9 11.6 15.2	[in.] 4.5 5.7 6.9 4.5 5.7	[in.] 21.4 21.7 22.2 21.4 21.7	[in] 26.5 26.8 27.3 26.5 26.8	[gal.] 10.3 10.3 10.3 10.3 10.3	[lb] 331 342 434 487 498
2 CME 15-2 5 U2,U3 26.8 / 12.2 3"ANSI 27.6 29.2 17.9 6.0 23.3 30.4 10.3 483 CME 15-3 7.5 U2,U3 39.4 / 17.8 27.6 29.2 17.9 7.2 23.3 30.4 10.3 503 CME 15-1 3 U2,U3 24.9 / 12.75 43.3 29.6 15.2 6.0 23.4 30.4 10.3 639 CME 15-2 5 U2,U3 40.2 / 18.3 4"ANSI 43.3 29.6 17.9 6.0 23.9 30.9 10.3 650	pumps 2 3	type CME 10-1 CME 10-2 CME 10-3 CME 10-1 CME 10-2 CME 10-3	[hp] 1.5 3 5 1.5 3 5	[V] U1 U2,U3 U2,U3 U1 U2,U3 U2,U3 U2,U3	U1 / U2 / U3 13.1 16.6 / 8.5 26.8 / 12.2 19.7 24.9 / 12.75 40.2 / 18.3	size [in.] 2.5" NPT 2.5" NPT	[in] 27.6 27.6 27.6 43.3 43.3	[in] 25.9 25.9 27.4 25.9 25.9 27.4	[in] 11.6 15.2 17.9 11.6 15.2 17.9	[in.] 4.5 5.7 6.9 4.5 5.7 6.9	[in.] 21.4 21.7 22.2 21.4 21.7 22.2	[in] 26.5 26.8 27.3 26.5 26.8 27.3	[gal.] 10.3 10.3 10.3 10.3 10.3 10.3	[lb] 331 342 434 487 498 639
CME 15-3 7.5 U2,U3 39.4 / 17.8 27.6 29.2 17.9 7.2 23.3 30.4 10.3 503 CME 15-1 3 U2,U3 24.9 / 12.75 43.3 29.6 15.2 6.0 23.4 30.4 10.3 639 3 CME 15-2 5 U2,U3 40.2 / 18.3 4" ANSI 43.3 29.6 17.9 6.0 23.9 30.9 10.3 650	pumps 2 3 No. of	type CME 10-1 CME 10-2 CME 10-3 CME 10-1 CME 10-2 CME 10-3 Pump	[hp] 1.5 3 5 1.5 3 5	[V] U1 U2,U3 U2,U3 U1 U2,U3 U1 V2,U3 U2,U3 Voltage	U1 / U2 / U3 13.1 16.6 / 8.5 26.8 / 12.2 19.7 24.9 / 12.75 40.2 / 18.3 FLA [Amps]	size [in.] 2.5" NPT 2.5" NPT	[in] 27.6 27.6 27.6 43.3 43.3	[in] 25.9 25.9 27.4 25.9 25.9 27.4 W	[in] 11.6 15.2 17.9 11.6 15.2 17.9	[in.] 4.5 5.7 6.9 4.5 5.7 6.9 W2	[in.] 21.4 21.7 22.2 21.4 21.7 22.2 H1	[in] 26.5 26.8 27.3 26.5 26.8 27.3	[gal.] 10.3 10.3 10.3 10.3 10.3 10.3 Tank	[lb] 331 342 434 487 498 639
CME 15-1 3 U2,U3 24.9 / 12.75 43.3 29.6 15.2 6.0 23.4 30.4 10.3 639 CME 15-2 5 U2,U3 40.2 / 18.3 4" ANSI 43.3 29.6 17.9 6.0 23.9 30.9 10.3 650	pumps 2 3 No. of	type CME 10-1 CME 10-2 CME 10-3 CME 10-1 CME 10-2 CME 10-3 Pump type	[hp] 1.5 3 5 1.5 3 5 Motor [hp]	[V] U1 U2,U3 U2,U3 U1 U2,U3 U2,U3 V2,U3 Voltage [V]	U1 / U2 / U3 13.1 16.6 / 8.5 26.8 / 12.2 19.7 24.9 / 12.75 40.2 / 18.3 FLA [Amps] U1 / U2 / U3	size [in.] 2.5" NPT 2.5" NPT	[in] 27.6 27.6 27.6 43.3 43.3 43.3	[in] 25.9 25.9 27.4 25.9 27.4 W [in]	[in] 11.6 15.2 17.9 11.6 15.2 17.9 W1 [in]	[in.] 4.5 5.7 6.9 4.5 5.7 6.9 W2 [in.]	[in.] 21.4 21.7 22.2 21.4 21.7 22.2 H1 [in.]	[in] 26.5 26.8 27.3 26.5 26.8 27.3	[gal.] 10.3 10.3 10.3 10.3 10.3 10.3 Tank [gal.]	[lb] 331 342 434 487 498 639 Weight [lb]
3 CME 15-2 5 U2,U3 40.2 / 18.3 4" ANSI 43.3 29.6 17.9 6.0 23.9 30.9 10.3 650	2 3 No. of pumps	type CME 10-1 CME 10-2 CME 10-3 CME 10-1 CME 10-2 CME 10-3 Pump type CME 15-1	[hp] 1.5 3 5 1.5 3 5 Motor [hp] 3	[V] U1 U2,U3 U2,U3 U1 U2,U3 U2,U3 Voltage [V] U2,U3	U1 / U2 / U3 13.1 16.6 / 8.5 26.8 / 12.2 19.7 24.9 / 12.75 40.2 / 18.3 FLA [Amps] U1 / U2 / U3 16.6 / 8.5	size [in.] 2.5" NPT 2.5" NPT Connection size [in.]	[in] 27.6 27.6 27.6 43.3 43.3 43.3 L [in]	[in] 25.9 25.9 27.4 25.9 25.9 27.4 W [in] 29.2	[in] 11.6 15.2 17.9 11.6 15.2 17.9 W1 [in] 15.2	[in.] 4.5 5.7 6.9 4.5 5.7 6.9 W2 [in.]	[in.] 21.4 21.7 22.2 21.4 21.7 22.2 H1 [in.]	[in] 26.5 26.8 27.3 26.5 26.8 27.3 H2 [in] 29.9	[gal.] 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	[lb] 331 342 434 487 498 639 Weight [lb] 472
10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 10.00 20.00 1	2 3 No. of pumps	type CME 10-1 CME 10-2 CME 10-3 CME 10-1 CME 10-2 CME 10-3 Pump type CME 15-1 CME 15-2	[hp] 1.5 3 5 1.5 3 5 Motor [hp] 3 5	[V] U1 U2,U3 U2,U3 U1 U2,U3 U2,U3 Voltage [V] U2,U3 U2,U3	U1 / U2 / U3 13.1 16.6 / 8.5 26.8 / 12.2 19.7 24.9 / 12.75 40.2 / 18.3 FLA [Amps] U1 / U2 / U3 16.6 / 8.5 26.8 / 12.2	size [in.] 2.5" NPT 2.5" NPT Connection size [in.]	[in] 27.6 27.6 27.6 43.3 43.3 43.3 27.6 [in] 27.6 27.6	[in] 25.9 25.9 27.4 25.9 25.9 27.4 W [in] 29.2 29.2	[in] 11.6 15.2 17.9 11.6 15.2 17.9 W1 [in] 15.2 17.9	[in.] 4.5 5.7 6.9 4.5 5.7 6.9 W2 [in.] 6.0 6.0	[in.] 21.4 21.7 22.2 21.4 21.7 22.2 H1 [in.] 22.9 23.3	[in] 26.5 26.8 27.3 26.5 26.8 27.3 H2 [in] 29.9 30.4	[gal.] 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	[lb] 331 342 434 487 498 639 Weight [lb] 472 483
CMF 15-3 7.5 112.113 50.1 / 26.7 / 43.3 20.6 17.0 7.2 23.0 20.0 10.3 69.1	2 3 No. of pumps	type CME 10-1 CME 10-2 CME 10-3 CME 10-1 CME 10-2 CME 10-3 Pump type CME 15-1 CME 15-2 CME 15-3	[hp] 1.5 3 5 1.5 3 5 Motor [hp] 3 5 7.5	[V] U1 U2,U3 U2,U3 U1 U2,U3 U2,U3 U2,U3 Voltage [V] U2,U3 U2,U3 U2,U3 U2,U3	U1 / U2 / U3 13.1 16.6 / 8.5 26.8 / 12.2 19.7 24.9 / 12.75 40.2 / 18.3 FLA [Amps] U1 / U2 / U3 16.6 / 8.5 26.8 / 12.2 39.4 / 17.8	size [in.] 2.5" NPT 2.5" NPT Connection size [in.]	[in] 27.6 27.6 27.6 43.3 43.3 43.3 L [in] 27.6 27.6 27.6	[in] 25.9 25.9 27.4 25.9 25.9 27.4 W [in] 29.2 29.2	[in] 11.6 15.2 17.9 11.6 15.2 17.9 11.6 15.2 17.9 W1 [in] 15.2 17.9 17.9	[in.] 4.5 5.7 6.9 4.5 5.7 6.9 W2 [in.] 6.0 6.0 7.2	[in.] 21.4 21.7 22.2 21.4 21.7 22.2 H1 [in.] 22.9 23.3 23.3	[in] 26.5 26.8 27.3 26.5 26.8 27.3 H2 [in] 29.9 30.4 30.4	[gal.] 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	[lb] 331 342 434 487 498 639 Weight [lb] 472 483 503
ONIL 15-5 7.5 02,05 58.1720.1 45.5 28.0 17.8 7.2 25.9 50.8 10.5 001	yumps 2 3 No. of pumps 2	type CME 10-1 CME 10-2 CME 10-3 CME 10-1 CME 10-2 CME 10-3 Pump type CME 15-1 CME 15-3 CME 15-1	[hp] 1.5 3 5 1.5 3 5 Motor [hp] 3 5 7.5 3	[V] U1 U2,U3 U2,U3 U1 U2,U3 U2,U3 U2,U3 Voltage [V] U2,U3 U2,U3 U2,U3 U2,U3 U2,U3 U2,U3	U1 / U2 / U3 13.1 16.6 / 8.5 26.8 / 12.2 19.7 24.9 / 12.75 40.2 / 18.3 FLA [Amps] U1 / U2 / U3 16.6 / 8.5 26.8 / 12.2 39.4 / 17.8 24.9 / 12.75	size [in.] 2.5" NPT 2.5" NPT Connection size [in.] 3"ANSI	[in] 27.6 27.6 43.3 43.3 43.3 L [in] 27.6 27.6 43.3	[in] 25.9 25.9 27.4 25.9 25.9 27.4 W [in] 29.2 29.2 29.2 29.6	[in] 11.6 15.2 17.9 11.6 15.2 17.9 15.2 17.9 W1 [in] 15.2 17.9 15.2	[in.] 4.5 5.7 6.9 4.5 5.7 6.9 W2 [in.] 6.0 6.0 7.2 6.0	[in.] 21.4 21.7 22.2 21.4 21.7 22.2 H1 [in.] 22.9 23.3 23.3 23.4	[in] 26.5 26.8 27.3 26.5 26.8 27.3 H2 [in] 29.9 30.4 30.4 30.4	[gal.] 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	[lb] 331 342 434 487 498 639 Weight [lb] 472 483 503 639

Supply voltage U1: 1 x 208-230 V - 10 %/+ 10 % Supply voltage U2: 3 x 208-230 V - 5 %/+ 5 % Supply voltage U3: 3 x 460 V - 5 %/+ 5 % Dimensions may vary by ± 1 in.

TECHNICAL DATA

Application	Pressure Boosting
Control variant	E
Range	

Flow, gpm	360
Head, feet	240
Pump size, Hp	1.5 - 7.5
Number of pumps	2 - 3
System characteristics	
	145 psi

A version / 304SS / Cast Iron

	Constant-pressure
	E
Functions via the CU 323 control panel	
Automatic cascade control	•
Automatic pump changeover	•
Standby pumps	0
Digital input for external start/stop relay	•
Water shortage protection	•
Alarm and operation outputs	•
Motor protection	•
Maximum pressure protection	•
Sensor fault protection	•
Button lock function	•
Communication	
CIM (Communication Interface Module)	0

CME pumps

O Can be configured with PC tools / available as accessory

GRUNDFOS **TECHNICAL INSTITUTE**

The Grundfos Technical Institute (GTI) offers busy professionals the opportunity to maintain their continuing education credits through a wide variety of flexible learning avenues.

Visit **www.grundfos.us/training**, to choose from a number of education possibilities that suit your needs and schedule, including face-to-face classes, group webinars and self-directed online courses.

GRUNDFOS BOOSTERS – IN A CLASS OF THEIR OWN

Grundfos is one of the world's leading manufacturers of pumps and pump systems and was the first company ever to develop a multistage in-line centrifugal pump.

With the new compact and efficient CME pumps, Grundfos has developed a solution that meets the needs of users, who require simplicity and compactness, without compromising reliability and efficiency.

The Grundfos Hydro Multi-B boosters are fully integrated systems made to the very highest standards. Thanks to the easy-to-operate controller, these boosters are simple to install and operate.

L-PB-SL-003 Rev. 12/14 (US)

GRUNDFOS Kansas City 17100 West 118th Terrace Olathe, Kansas 66061 Phone: (913) 227-3400 Fax: (913) 227-3500 GRUNDFOS Canada 2941 Brighton Road Oakville, Ontario L6H 6C9 Phone: (905) 829-9533 Fax: (905) 829-9512 GRUNDFOS Mexico Boulevard TLC No. 15 Parque Industrial Stiva Aeropuerto C.P. 66600 Apodaca, N.L. Mexico Phone: 011-52-81-8144 4000 Fax: 011-52-81-8144 4010

