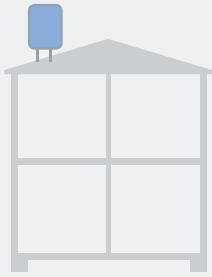


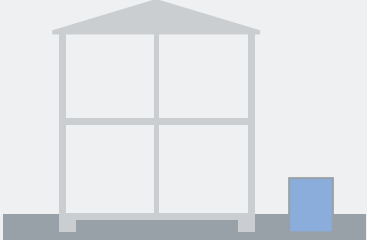


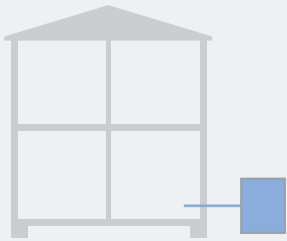





PERFECT WATER
THROUGHOUT THE HOME

QUICK SELECTION GUIDE

PRESSURE BOOSTING - PUMP SELECTION

Use the table below to select the best Grundfos pump for any type of water supply task. Once you've settled on a pump model, use the corresponding sizing guide to get the perfect fit.


	Good	Better	Best
 <p>Boosting from roof tank</p>	 <p>UPA</p>		 <p>SCALA2</p>
<p>Positive inlet pressure (down to 1 meter below ground level)</p>  <p>Boosting from tank</p>		 <p>CM BOOSTER</p>	 <p>SCALA2</p>
 <p>Boosting from mains</p>	 <p>CM BOOSTER</p>	 <p>SCALA2</p>	 <p>CME BOOSTER</p>

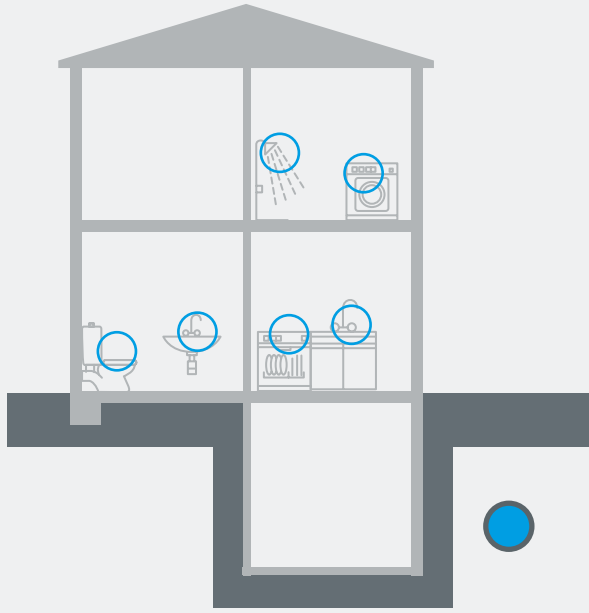
PRESSURE BOOSTING - PUMP SELECTION

Use the table below to select the best Grundfos pump for any type of water supply task. Once you've settled on a pump model, use the corresponding sizing guide to get the perfect fit.

		Good	Better	Best
Negative inlet pressure	 <p>Boosting from well or tank with a depth of less than 8 metres</p>		 CMB SP	 SCALA2
	SUBMERGED	 SB with PM1 or PM2	 SBA	
	 <p>Boosting in well, tank or borehole with a depth of more than 8 metres</p>		 SQ	 SQE CONSTANT PRESSURE PACKAGE

PRESSURE BOOSTING - QUICK SIZING

 Tapping point











Ex. sizing and selection













- Required comfort level:**
- Adjustable constant pressure
- Find the right booster:**
- How many taps: 6 taps
- How many floors: 3 floors
- Result: **CMBE 1-44****

Taps	1-5	6-10
Floors		
4	CMBE 1-75	CMBE 1-75
3	CMBE 1-44	CMBE 1-44
2	CMBE 1-44	CMBE 1-44
1	CMBE 1-44	CMBE 1-44

ADJUSTABLE CONSTANT PRESSURE LEVEL

 SCALA2 · All-in-one design · Dry-run protection	Floors \ Taps	 1-5	 6-10	 11-20
	 4	SCALA2 3-45*		
	 3	SCALA2 3-45		SCALA2 3-45
	 2	SCALA2 3-45		SCALA2 3-45
	 1	SCALA2 3-45		SCALA2 3-45


* Max 15 meter to highest tap point






 CME BOOSTER/ CMBE TWIN BOOSTER · Adjustable constant pressure level · Dry-run protection · Low noise <55dB (A)	Floors \ Taps	 1-5	 6-10	 11-20	 21-50	 51-70	 71-90	 91-120
	 4	1-75	1-75	3-62*	3-93*	3-93**	3-93**	N/A
	 3	1-44	1-44	3-62*	3-62*	5-62*	3-62**	5-62**
	 2	1-44	1-44	3-62*	3-62*	5-62*	3-62**	5-62**
	 1	1-44	1-44	3-30*	3-62*	5-31*	3-62**	5-31**

* CMBE or CMBE TWIN (duty/standby - setup done via Grundfos GO Remote app)
** CMBE TWIN only

PRESSURE BOOSTING - QUICK SIZING

CONVENTIONAL PUMP CONTROL


 <p>UPA</p> <ul style="list-style-type: none"> · Low noise · High energy efficiency · Easy installation 	Taps 1-2	Taps 2-4	Taps 4-8
	UPA15-90	UPA15-120	UPA-15-160
	UPA15-90	UPA15-120	UPA-15-160
	UPA15-90	UPA15-120	UPA-15-160
	UPA15-90	UPA15-120	UPA-15-160


 <p>CM BOOSTER</p> <ul style="list-style-type: none"> · Compact design · Dry-run Protection · Easy installation 	Floors\Taps	1-5	6-10	11-20	21-50
	 4	CMB 1-54	CMB 3-47	CMB 3-47	CMB 5-47
	 3	CMB 1-45	CMB 3-37	CMB 3-47	CMB 5-47
	 2	CMB 1-45	CMB 3-37	CMB 3-47	CMB 5-4
	 1	CMB 1-36	CMB 3-28	CMB 3-37	CMB 5-4
<ul style="list-style-type: none"> · Adjustable start pressure · Pressure read-out · Cycling protection · Max run time stop · Auto-reset 			Fixed pressure		
<p>CMB PM2</p> <p>Max height 45 m</p>			<p>CMB PM1 22</p> <p>Max height 18 m</p>		<p>CMB PM1 15</p> <p>Max height 11 m</p>

PRECONDITIONS
 • 3 bar tap pressure is considered, to achieve 4 bar pressure add 2 more floors • Flooded Suction • 0.5 l/s per tap average, usage pattern is taken into account

PRESSURE BOOSTING - QUICK SIZING

CONVENTIONAL PUMP CONTROL

 <p>SBA</p>	Application	Recommended pump
	One-storey house For toilet flushing, washing machine, car washing and garden watering	SBA 3-35
	Two-storey house For toilet flushing, washing machine, car washing and garden watering	SBA 3-45

 <p>SB</p>	General recommendation	Application	Recommended pump
	If the distance from tank wall to the pump is above 1.5 metres (4.9 feet), the model with side inlet should be selected. If the distance from tank wall to the pump is less 1.5 metres (4.9 feet), the model with suction strainer should be selected.	One-storey house For toilet flushing, washing machine, car washing and garden watering	SB 3-35
		Two-storey house For toilet flushing, washing machine, car washing and garden watering	SB 3-45

PRECONDITIONS

• 3 bar tap pressure is considered, to achieve 4 bar pressure add 2 more floors • Flooded Suction • 0.5 l/s per tap average, usage pattern is taken into account