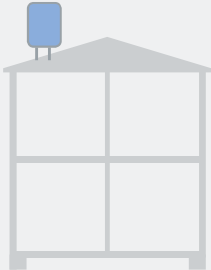



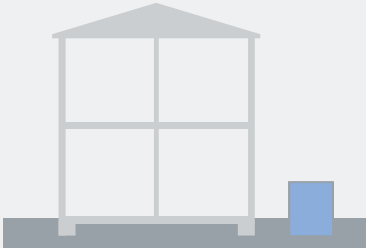



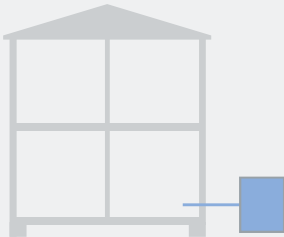








PRESSURE BOOSTING - PUMP SELECTION

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
<div><div></div><div>Boosting from roof tank</div></div>	<div><div></div><div>UPA</div></div>	<div><div></div><div>SCALA1</div></div>	<div><div></div><div>SCALA2</div></div>
<div><div></div><div>Boosting from tank</div></div>	<div><div></div><div>Jet pump & booster</div></div>	<div><div></div><div>SCALA1</div></div>	<div><div></div><div>SCALA2</div></div>
<div><div></div><div>Boosting from mains</div></div>	<div><div></div><div>SCALA1</div></div>	<div><div></div><div>SCALA2</div></div>	<div><div></div><div>CME BOOSTER</div></div>

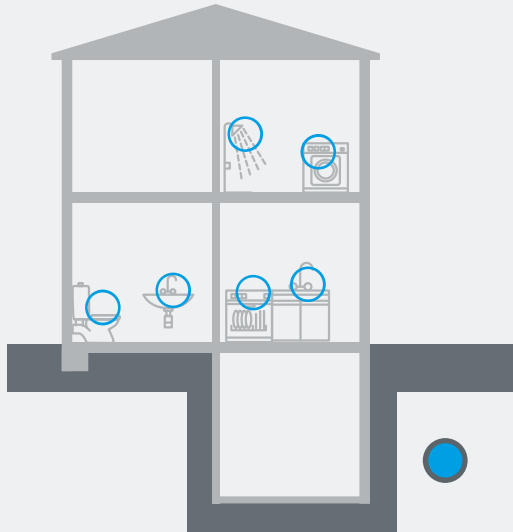
PRESSURE BOOSTING - PUMP SELECTION

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	<div><div>DRY INSTALLED</div><div></div><div>Jet pump & booster</div></div>	<div></div> <div>SCALA1</div>	<div></div> <div>SCALA2</div>
	<div><div>SUBMERGED</div><div></div><div>SB with PM1 or PM2</div></div>	<div></div> <div>SBA</div>	
	<div><div>Boosting in well, tank or borehole with a depth of more than 8 metres</div><div></div></div>	<div></div> <div>SQ</div>	<div></div> <div>SQE CONSTANT PRESSURE PACKAGE</div>

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










 CMBE	Floors\Taps	 1-5	 6-10	 11-20	 21-50
	 4	CMBE 1-75	CMBE 3-62	CMBE 5-62	—
	 3	CMBE 1-44	CMBE 3-62	CMBE 5-62	—
	 2	CMBE 1-44	CMBE 3-62	CMBE 5-62	—
	 1	CMBE 1-44	CMBE 3-30	CMBE 3-30	—










 CMBE TWIN (Duty/Assist)	Floors\Taps	 1-5	 6-10	 11-20	 21-50
	 4	—	—	—	CMBE TWIN 5-62
	 3	—	—	—	CMBE TWIN 5-62
	 2	—	—	—	CMBE TWIN 5-62
	 1	—	—	—	CMBE TWIN 5-31


 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	SCALA2 3-45





PRESSURE BOOSTING - QUICK SIZING

CONVENTIONAL PUMP CONTROL

 <p>SCALA1</p> <ul style="list-style-type: none"> · All-in-one booster · Water on demand · Self-priming 	Floors\Taps	 1-5	 6-10	 11-20	 21-50
	 4	SCALA1 3-45*	SCALA1 5-55	—	—
	 3	SCALA1 3-45	SCALA1 3-45	SCALA1 5-55	—
	 2	SCALA1 3-35	SCALA1 3-45	SCALA1 5-55	—
	 1	SCALA1 3-25	SCALA1 3-35	SCALA1 3-45	—

 <p>SCALA1 TWIN (Duty/Assist)</p> <ul style="list-style-type: none"> · Easy solution for twin-booster · Easy installation · Enabled for Grundfos GO Remote 	Floors\Taps	 1-5	 6-10	 11-20	 21-50
	 4	—	—	SCALA1 TWIN 5-55	SCALA1 TWIN 5-55
	 3	—	—	—	SCALA1 TWIN 5-55
	 2	—	—	—	SCALA1 TWIN 5-55
	 1	—	—	—	SCALA1 TWIN 5-55

 <p>Jet pump & booster</p> <ul style="list-style-type: none"> · Easy to install · Self-priming · Robust design 	Taps or m³/h			
		1-5 taps 1-2 m³/h	6-10 taps 3-4 m³/h	11-20 taps 4-5 m³/h
	Manually controlled water supply	JP 3-42	JP 4-47/54	JP 5-48
	Constant water supply with pressure-drop compensation	JP 3-42 PT-V/H	JP 4-47/54 PT-V/H	JP 5-48 PT-V/H
	Constant water supply. Dry-running protection and anti-cycling function	JP 3-42 PM	JP 4-47/54 PM	JP 5-48 PM

 <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

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