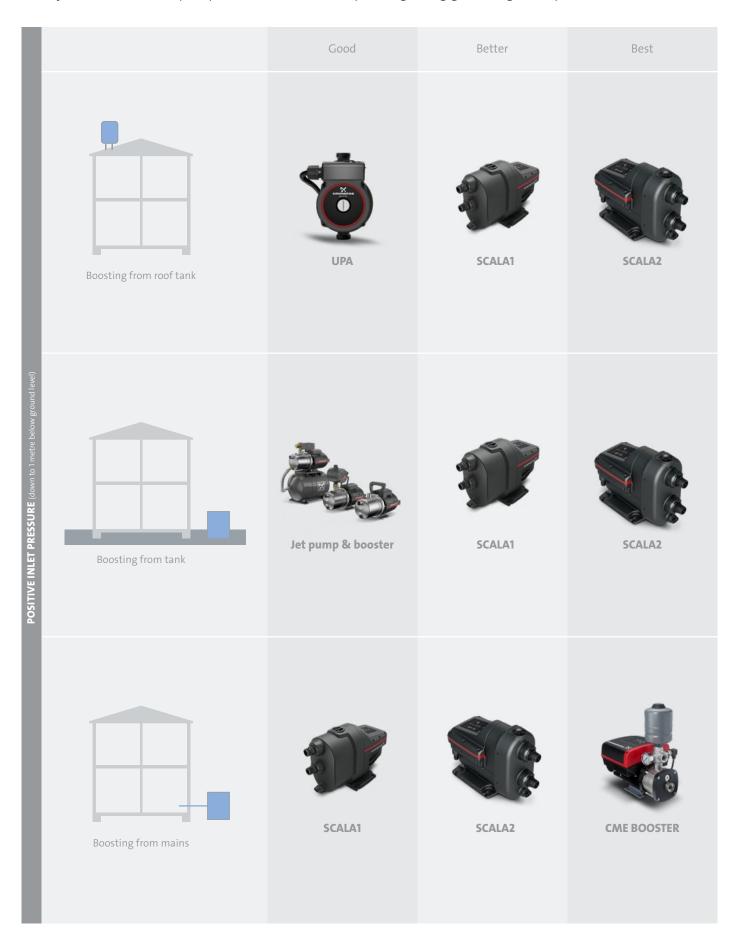
PERFECT WATERTHROUGHOUT THE HOME

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.

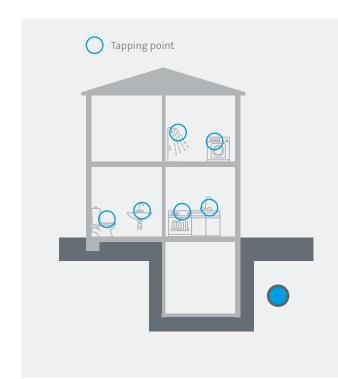


PRESSURE BOOSTING - PUMP SELECTION

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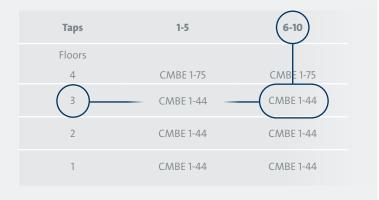


PRESSURE BOOSTING - QUICK SIZING

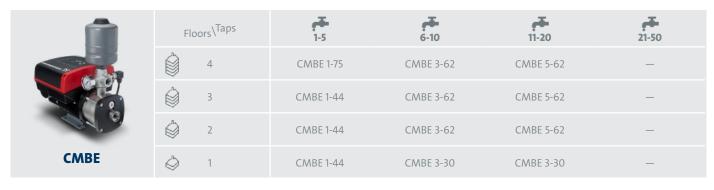


Ex. sizing and selection

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



ADJUSTABLE CONSTANT PRESSURE LEVEL





Floors\ ^{Taps}	1-5	6-10	11-20	21-50
4	_	_	_	CMBETWIN 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



SCALA1

- · All-in-one booster
- · Water on demand
- $\cdot \, \mathsf{Self}\text{-}\mathsf{priming}$

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	_



SCALA1 TWIN (Duty/Assist)

- · 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	SCALA1TWIN 5-55
3	_	_	_	SCALA1TWIN 5-55
€ 2	_	_	_	SCALA1TWIN 5-55
₫ 1	_	-	_	SCALA1TWIN 5-55



Jet pump & booster

- · Easy to install
- · Self-priming
- · Robust design

	Taps or m ³ /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		
Contant 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		



OIA
· Low noise
· High energy efficienc
· Easy installation

Taps 1-2	Taps 2-4	Taps 4-8
UPA15-90	UPA15-120	UPA-15-160

PRESSURE BOOSTING - QUICK SIZING

CONVENTIONAL PUMP CONTROL



SB	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.	One-storey house For toilet flushing, washing machine, car washing and garden watering	SB 3-35
	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.	Two-storey house For toilet flushing, washing machine, car washing and garden watering	SB 3-45

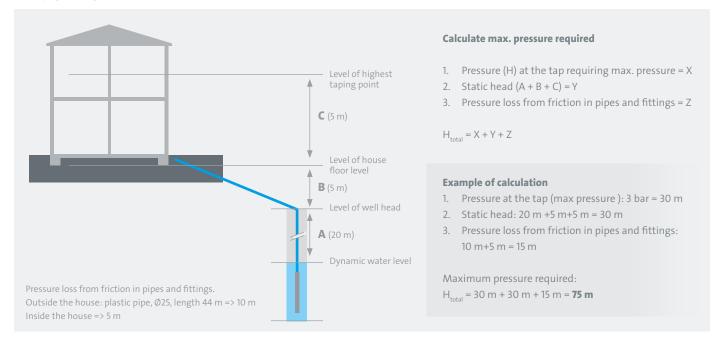
PRECONDITIONS

GROUNDWATER - QUICK SIZING - PUMP

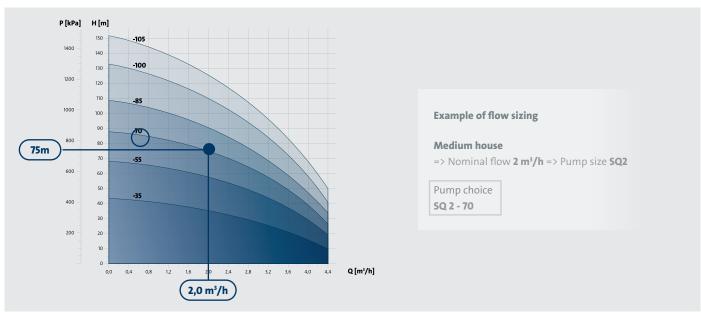
FLOW SIZING

M		Kitchen sink	Dish washer, washing machine	Toilet w. wash basin and WC	Bathroom w. wash basin, WC and shower	Bathroom w. wash basin, WC and bathtub	Garden and lawn irrigation	Nominal flow [m³/h]	Recommended pump size
	Small house	1		1				1	SQ1
	Medium house	1	2	1	1			2	SQ2
	Large house	2	2		1	1	2	3	SQ3
				2 x large house				5	SQ5
				3 x large house				7	SQ7

HEAD SIZING

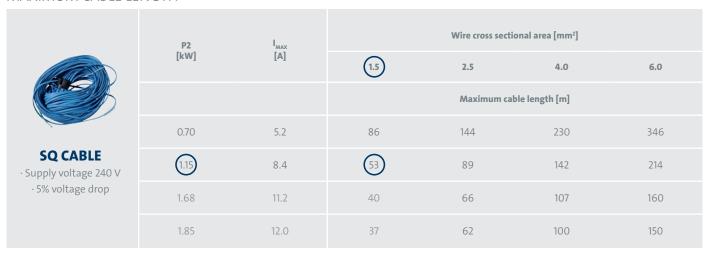


PUMP SELECTION



GROUNDWATER - QUICK SIZING - CABLE

MAXIMUM CABLE LENGTH



HOW TO SELECT THE CROSS-SECTIONAL AREA

