

SAR 250

Lift and collection stations



INSTALLATION AND USE

SAR 250 lift and collection stations are designed to handle clear water, rainwater, and wastewater from household and civil drains like washing machines, dishwashers, sinks, and toilets, especially in situations where connection to the main sewer system is impractical or impossible due to distance or gravity constraints.

SAR 250 stations are compact and easy to install, suitable for floor or underground placement, both indoors and outdoors of multi-unit buildings.

COMPONENTS INCLUDED

- ✳ **SAR 250** polyethylene tank with a non-driveable cover that can support pedestrian traffic up to a maximum of 100 kg.
- ✳ Single-phase submersible pump.
- ✳ Control panel (only for **SAR 250-TIGm 1.1** and **1.3**).
- ✳ Standard **10-metres** power cable.

AVAILABLE UPON REQUEST

- ✳ **SAR 250 lift station, equipped with a single-phase submersible pump with a float switch, based on your specific requirements.**
- ✳ Three-phase submersible pump
- ✳ **Alarm kit** (Code: KSKIT-ALLARME) equipped with control panel, self-powered siren, and float
- ✳ **300 mm extension kit** (Code No. KSKIT-308MA) for installing the "SAR" tank at greater depths
- ✳ "SAR" Stations with check valve and ball valve in the discharge pipe.

✳ SAR 250 with drainage pumps

TYPE	POWER (P ₂)		MAXIMUM FLOW RATE litres/min	PREVALENCE MAX metres	
	kW	HP			
TOP 3	0.55	0.75	260	10.0	
TOP 4	0.75	1.0	320	12.5	
TOP 5	0.92	1.25	360	15.0	
RXm 3	0.55	0.75	220	11.5	
Dm 10	0.75	1.0	300	15.5	
Dm 20	0.75	1.0	250	19.0	
Dm 30	1.1	1.5	275	26.0	

✳ suitable for clear wastewater

✳ SAR 250 with VORTEX pumps

TYPE	POWER (P ₂)		MAXIMUM FLOW RATE litres/min	PREVALENCE MAX metres	
	kW	HP			
RXm 3/20	0.55	0.75	240	9.5	
ZXm 2/40	0.55	0.75	400	11	
VXm 10/35	0.75	1	400	10	
VXm 15/35	1.1	1.5	500	13.5	
VXm 15/50	1.1	1.5	650	11	

✳ suitable for dirty waste water

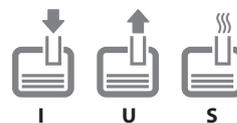
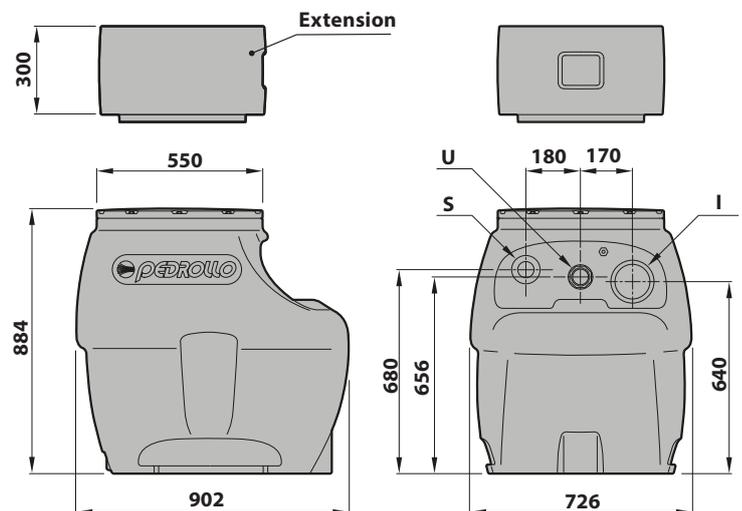
※ SAR 250 with grinder pumps (TRITUS)

TYPE	POWER (P ₂)		MAXIMUM FLOW RATE litres/min	PREVALENCE MAX metres	
	kW	HP			
TIGm 0.75	0.75	1.0	140	17.5	
TIGm 1.1	1.1	1.5	150	22.5	
TIGm 1.3	1.3	1.75	250	20.5	

※ suitable for sewage water

DIMENSIONS AND WEIGHT

TYPE	PORTS			kg
	I	U ⁽¹⁾	S	
SAR 250 - TOP 3	DN 110	1¼"	DN 50	49.7
SAR 250 - TOP 4		1½"		53.3
SAR 250 - TOP 5		1½"		54.3
SAR 250 - RXm 3		1¼"		50.6
SAR 250 - Dm 10		1½"		57.0
SAR 250 - Dm 20		1½"		57.0
SAR 250 - Dm 30		1½"		60.4
SAR 250 - RXm 3/20		1¼"		50.7
SAR 250 - ZXm 2/40		1½"		53.8
SAR 250 - VXm 10/35		1½"		58.2
SAR 250 - VXm 15/35		1½"		61.0
SAR 250 - VXm 15/50		2"		61.5
SAR 250 - TIGm 0.75		1½"		59.0
SAR 250 - TIGm 1.1		1½"		61.3
SAR 250 - TIGm 1.3	1½"	61.3		



KEY:

- I** collection pipe port
- U** discharge pipe connection
- S** ventilation pipe port

⁽¹⁾ Male threaded connection