

# SINGLEBOX

# DOUBLEBOX SERIES

## PREFABRICATED LIFTING STATIONS WITH ENTRAINED SOLIDS WASTE WATER

The ideal solution when domestic wastewater must be delivered to sewer mains located at a higher level, or where gravity drainage is not possible.



## SPECIFICATIONS

- The pumping station, installed in the basement or buried outdoors, collects domestic effluent (toilet included) without any need for initial treatment.
- **SINGLEBOX** consists of a **230-litre** polyethylene basin housing a vortex (DLV) or single-channel (DL) sewage pump, a control box and float. It is a complete pumping station equipped with a lowering device.
- Where greater capacity is required use **DOUBLEBOX**, a prefabricated lifting station which has **twice the capacity of Biobox (450 litres)** and is designed to house two pumps. The operating principle is the same but it produces higher heads.
- The system consists of:
  - 230-litre** (450 for Doublebox) polyethylene basin with screw down lid.
  - Cable glands** for power supply cords (and float) and installation of cables under the cover.
  - 2"** delivery **pipe**.
  - Six inlets** for discharge or ventilation.
  - DOMO or DL submersible pump**, vortex or channel type.
  - Lowering device**.
  - Vent** or emergency drain **plug**.
  - Control box**.
- IP 68 protection.
- Accessories available on request:
  - Pump kit available to be put into box
  - Ball valve
  - Alarm float.
- For operating characteristics (delivery – head) see DOMO and DL pump section in this catalogue.

## TECHNICAL DATA

PUMP TYPE		kW	HP	IMPELLER TYPE	FITTING SYSTEMS		DELIV. MAX l/min	HEAD MAX m.	QSM		
SINGLE PHASE 220-230 V 50 Hz	THREE PHASE 380-415 V 50 Hz				FITTING FIXED PVC	LIFTING SYSTEM			SINGLE PHASE	THREE PHASE	THREE PHASE 2 PUMPS
DOMO 7		0,55	0,75	CHANNEL	YES	NOT	300	8,8			
DOMO 7VX		0,55	0,75	VORTEX	YES	NOT	200	7,6			
DOMO 10	DOMO 10 T	0,75	1	CHANNEL	YES	YES	500	9,3		QTD/11 2.0..3.3A	9QDR2/11 1.6..2.5A
DOMO 10VX	DOMO 10VXT	0,75	1	VORTEX	YES	YES	350	7,3		QTD/11 2.0..3.3A	9QDR2/11 1.6..2.5A
DOMO 15	DOMO 15T	1,1	1,5	CHANNEL	YES	YES	600	11,9		QTD/11 2.0..3.3A	9QDR2/15 2.5..4.0A
DOMO 15VX	DOMO 15VXT	1,1	1,5	VORTEX	YES	YES	450	8,85		QTD/11 2.0..3.3A	9QDR2/15 2.5..4.0A
	DOMO 20T	1,5	2	CHANNEL	YES	YES	700	13,7		QTD/15 3.0..5.0A	9QDR2/15 2.5..4.0A
	DOMO 20VXT	1,5	2	VORTEX	YES	YES	500	10,9		QTD/15 3.0..5.0A	9QDR2/15 2.5..4.0A
MINI VX M	MINI VX	0,6	0,8	VORTEX	NOT	YES	300	6,2	QM/07 4.5..7.5A	QTD/05 1.4..2.3A	9QDR2/11 1.6..2.5A
DLM 90	DL 90	0,6	0,8	CHANNEL	NOT	YES	400	7,2	QM/05 3.0..5.0A	QTD/05 1.4..2.3A	9QDR2/11 1.6..2.5A
	DL 105	1,1	1,5	CHANNEL	NOT	YES	500	12,5		QTD/11 2.0..3.3A	9QDR2/15 2.5..4.0A
DLM 109	DL 109	1,1	1,5	CHANNEL	NOT	YES	600	14,5	QM/11 6.0..10.0A	QTD/15 3.0..5.0A	9QDR2/15 2.5..4.0A
DLVM 100	DLV 100	1,1	1,5	VORTEX	NOT	YES	500	9	QM/11 6.0..10.0A	QTD/15 3.0..5.0A	9QDR2/15 2.5..4.0A
	DL 125	1,5	2	CHANNEL	NOT	YES	700	18,5		QTD/15 3.0..5.0A	9QDR2/15 2.5..4.0A

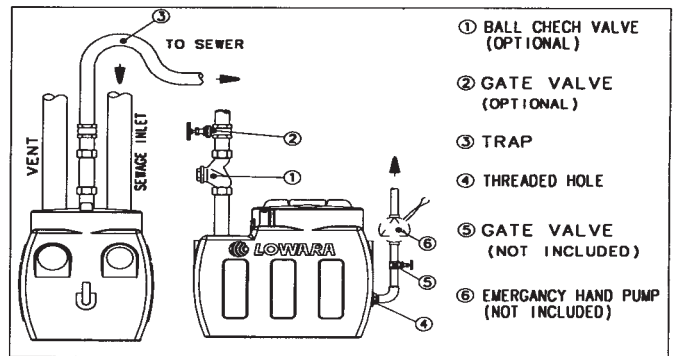
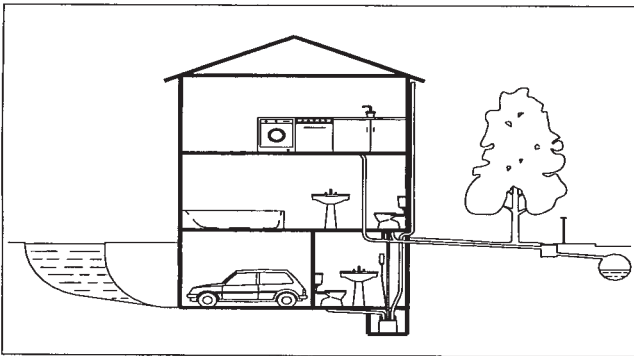
The box capacity is the following:

**230 liters SINGLEBOX 450 liters DOUBLEBOX**

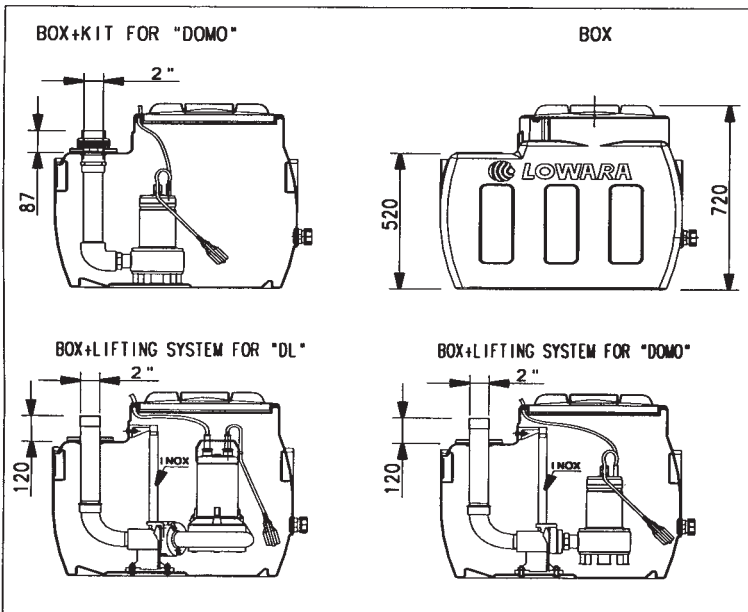
It is possible to insert in the box all the pumps of the list, choosing the lifting systems as indicated.

For further technical information please see our catalogue.

## APPLICATION EXAMPLES



## VERSIONS



## MODELS

