

Qty. Description

1 DUOLIFT.270.AP50B.50.11.3



Note! Product picture may differ from actual product

Product No.: [99017759](#)

Wastewater collecting tank with a total volume of 270 liter.
Incl. pipeset to assemble on site with two pumps of type UNILIFT AP50B.50.11.3

Effective pump volume per operation cycle from 31 up to 152 liter.
Discharge performance of 1,8 to 9 m³/h.
Effective pump volume can be adjusted by controller setting.
Large assembly and service inspection cover ø380mm, screwed.

Connection ports:

1 x horizontal inlet DN100 with space saving inlet socket at a center height of 180mm
1 x horizontal inlet DN100 with space saving inlet socket at a center height of 520mm
1 x vertical inlet DN100 with space saving inlet socket
(incl. 1 x DN100 socket sealing)
1 x DN40 connection with space saving socket to connect e.g. a diaphragm pump
(incl. 1 x DN40 socket sealing)
1 x DN75/50 venting connection with PVC port (ø63), of PP-socket Muffe DN75 or possible to use a flexible connecting piece DN75
Pre-assembled pipe clamps of sensor pressure tube DN50 delivered with a controller LC220/LC220

Tank according to EN12050-1 and -2 type tested and monitored by external institute.

Note:

"Assembly to a complete lifting station according to EN12050 requires pumps, non-return valve, manual start option (part 1) and high-water alarm as minimum incl. level sensing. These components are not part of the delivery

Components delivered to be assembled on site."

Recommended controller LC221.2 with up to 5 pre-set values of start/stop/alarm and incl. sensor pressure tube.

Material:

Collecting tank:	Polyethylene (PE)
Cover/lid:	Polyethylene (PE)
Screws:	Galvanized Steel
Socket sealing:	Styrene Butadiene(SBR)
Piping parts:	Polyvinyl Chloride (PVC) and Polypropylen (PP)

Tank dimensions:

l x w x h: 700x600x750 mm
Weight: 50.9 kg

Liquid:

Qty. Description

Pumped liquid: Water
Maximum liquid temperature: 40 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:

Type of impeller: VORTEX
Maximum particle size: 50 mm
CE approved (Yes/No): Y
EN number for LGA approval: 12050-1
Valve type: NONE

Electrical data:

Power input - P1: 1.75 kW
Rated power - P2: 1.1 kW
Mains frequency: 50 Hz
Rated voltage: 3 x 380-420 V
Voltage tolerance: +6/-10 %
Max starts per. hour: 60
Rated current: 2.81 A
Cos phi - power factor: 0.90
Rated speed: 2785 rpm
Number of poles: 2
Start. method: direct-on-line
Enclosure class (IEC 34-5): IP68
Insulation class (IEC 85): F
Mains cable: 1.5 m

Tank:

Total volume of tank(s): 270 l
Total effective volume of collecting tank at 180 mm inlet: 31 l
Total effective volume of collecting tank at 250 mm inlet: 152 l

Others:

Net weight: 50.9 kg
Gross weight: 63.2 kg

Description	Value
General information:	
Product name:	DUOLIFT.270.AP50B.50.11.3
Product No:	99017759
EAN number:	5712605175865
	5712605175865
Technical:	
Max flow:	29 m ³ /h
Head max:	14 m
Type of impeller:	VORTEX
Maximum particle size:	50 mm
CE approved (Yes/No):	Y
EN number for LGA approval:	12050-1
Valve type:	NONE
Pump No:	96004601
Materials:	
Pump housing:	Stainless steel
Tank:	LDPE
Liquid:	
Pumped liquid:	Water
Maximum liquid temperature:	40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Power input - P1:	1.75 kW
Rated power - P2:	1.1 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420 V
Voltage tolerance:	+6/-10 %
Max starts per. hour:	60
Rated current:	2.81 A
Cos phi - power factor:	0.90
Rated speed:	2785 rpm
Number of poles:	2
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Motor protec:	NONE
Thermal protec:	external
Motor cable:	5 m
Cable type:	H07RN-F
Mains cable:	1.5 m
	CEE3P+N+PE
Tank:	
Total volume of tank(s):	270 l
Total effective volume of collecting tank at 180 mm inlet:	31 l
Total effective volume of collecting tank at 250 mm inlet:	152 l
Others:	
Designed for:	UNILIFT AP50B.50.11.3
Net weight:	50.9 kg
Gross weight:	63.2 kg

