



HYJET UNDERSINK PUMP STATION SPECIFICATIONS



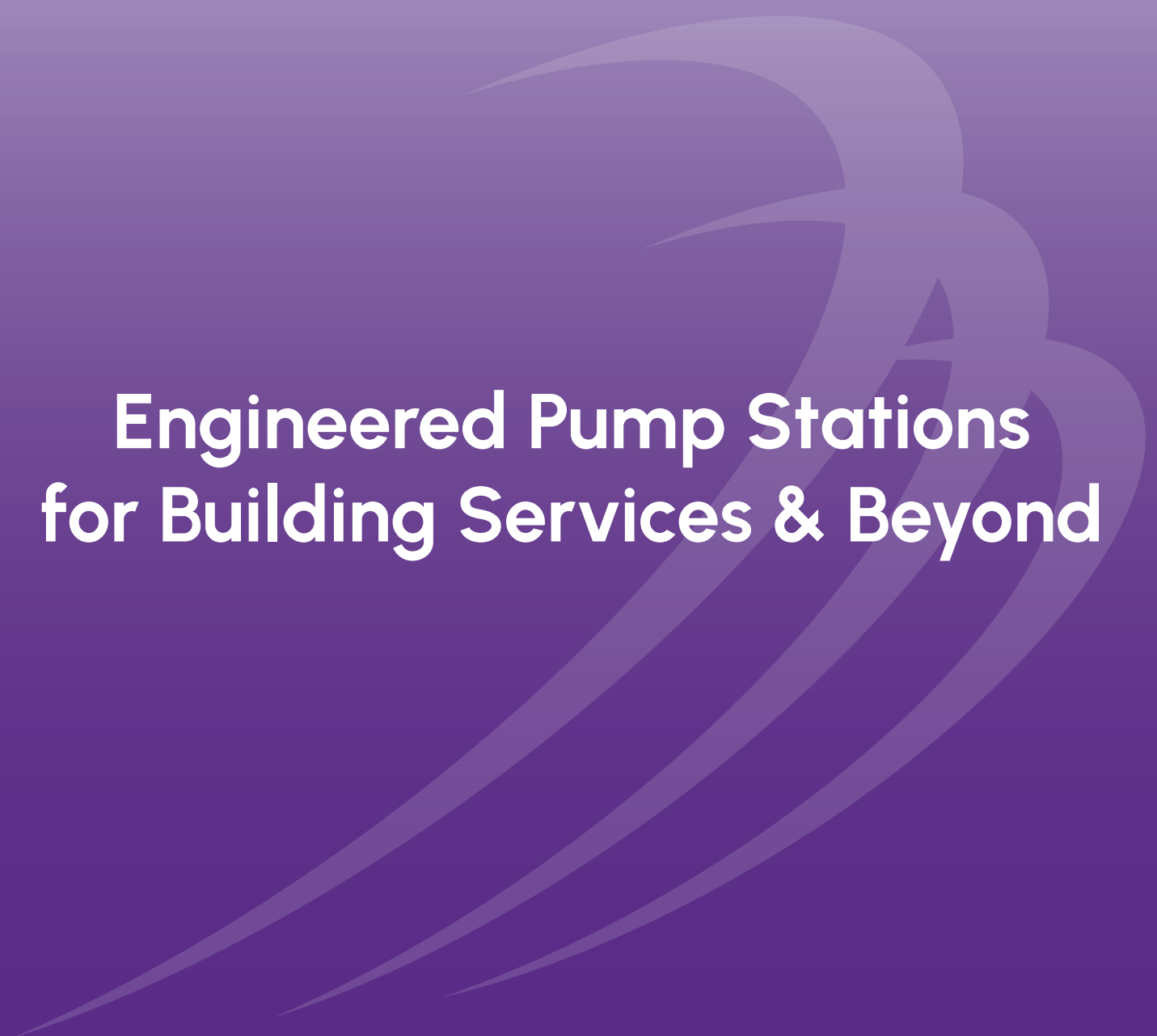
Minilift 40

Minilift 70

(AVAILABLE SOON)



Bringing water to life



Engineered Pump Stations for Building Services & Beyond

Overview

The Hyjet Undersink Pump Station has been engineered to efficiently move wastewater in locations where gravity drainage is not possible. Each unit incorporates a stainless-steel collection chamber, an automatic submersible pump with integrated discharge pipework, a non-return valve, and a built-in high-level alarm system.

Important: These pump stations are not designed for raw sewage applications.

Application

Suitable for handling wastewater containing small amounts of soft solids (particle diameter under 8mm). Designed for continuous water transfer or drainage requirements.



Specification

Capacity:

Minilift 40 = 40L | Minilift 70 = 70L

Material:

304 Grade Stainless Steel (tank body)

Pump Type: Submersible drainage pump (automatic float operation)

Installation: Floor mounted, compact under-sink design

Float Switch: Adjustable to set custom start and stop water levels



Models / Codes

Minilift 40

Code: HML40-A

Minilift 70

Code: HML70-A

Features & Benefits

Built-in thermal overload protection prevents overheating and ensures safe, reliable operation

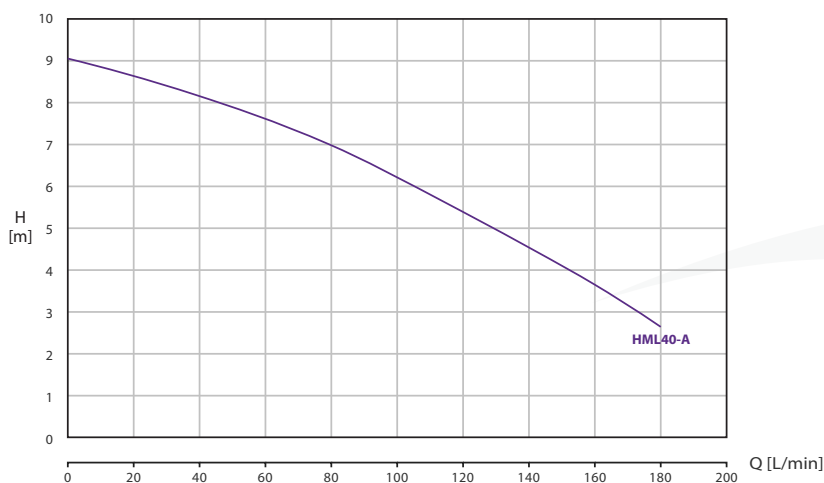
Special impeller design resists blockages and maintains consistent performance with dirty water

Robust, corrosion-resistant construction for long service life and rust free operation

Allows precise control of start and stop water levels for customised operation

Liquid Level Alarm as a standard offering

Performance Curve



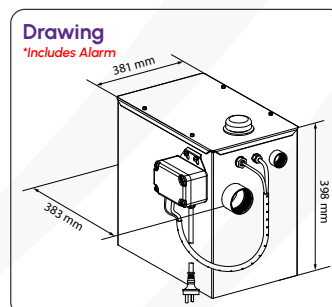
Technical Data

Model	Volts	Input Power (kW)	Output Power (kW)	Amps	Max Flow (L/min)	Max Head (m)	Outlet (mm)	Cable Length (m)
HML40-A	240	0.44	0.25	2.3	180	9	25	1.5

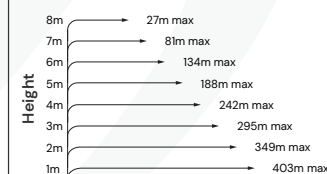
Minilift 40

Dimensions

Model	Height	Length	Width <i>*Includes Alarm</i>	WT (kg)	Capacity (L)
HML40-A	398	383	381	17.8	40



Height & Run Capability



25 mm PVC PN12
20 L/min

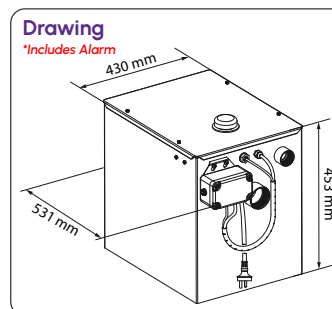
Technical Data (AVAILABLE SOON)

Model	Volts	Input Power (kW)	Output Power (kW)	Amps	Max Flow (L/min)	Max Head (m)	Outlet (mm)	Cable Length (m)
HML70-A	240	0.44	0.25	2.3	180	9	32	1.5

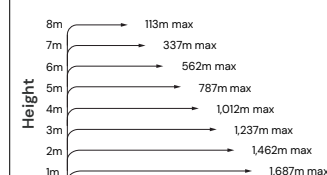
Minilift 70

Dimensions

Model	Height	Length	Width <i>*Includes Alarm</i>	WT (kg)	Capacity (L)
HML70-A	453	531	430	21.5	70



Height & Run Capability



32 mm PVC PN12
20 L/min



Standard Inclusion!



- ✓ Pump Already Connected
- ✓ Compact Magnetic Float Switch
- ✓ Led Lights
- ✓ Mute Button

Optional Alarms

Alarm Model	Discription
HML40-A-D1	Dishwasher Shut-off
HML40-A-S1	Valve Shut-off
HML40-A-D1-S1	Valve & Dishwasher Shut-off

Identification Codes

HML - 40 - A - D1 - S1

Solonoid Interlock
(Valve Shut-off)

Dishwasher Interlock

Alarm

Capacity

Hyjet Minilift

Hardware Features

- Enclosure:
- IP54 weatherproof rating
 - Polycarbonate
 - Mounting brackets included

- Protection:
- Low voltage control and input circuitry
 - No hard wiring needed

- Alarms:
- Audible (buzzer) alarm

- Control & Interface:
- Electronic keypad
 - Indicator lights for power on and level alarm
 - Audible alarm mute / reset / test button

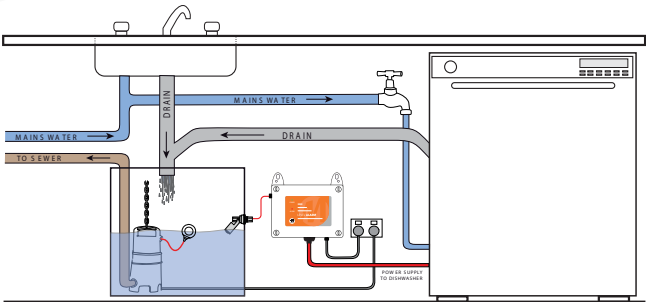
HML40-A-D1 (Dishwasher Shut-off)

Additional Hardware Features

Inputs	Outputs	Included with Panel
Digital 12Vdc input for float switch	10 Amp GPO for power supply to dishwasher - BMS volt free output for common fault	10 Amp 3 pin 1.5m power supply lead - Magnetic float switch with 10m cable (pre-connected)

Function Features

Alarm Activation	Valve Control	Dishwasher Power Isolation	Fail-Safe on Power Loss
Activates alarm on high-level detection	N/A	Isolates power to dishwasher to prevent further chamber inflow	N/A



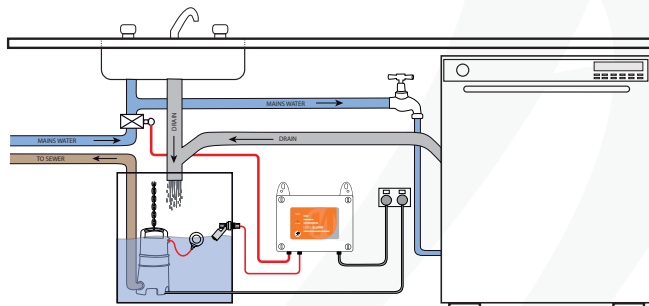
HML40-A-S1 (Valve Shut-off)

Additional Hardware Features

Inputs	Outputs	Included with Panel
Digital 12Vdc input for float switch	12Vdc output for solenoid valve - BMS volt free output for common fault	10 Amp 3 pin 1.5m power supply lead 20mm male/male 12Vdc pulse latching solenoid valve (pre-connected) - Magnetic float switch with 10m cable (pre-connected)

Function Features

Alarm Activation	Valve Control	Dishwasher Power Isolation	Fail-Safe on Power Loss
Activates alarm on high-level detection	Pulse-closes valve to stop mains water entering sink and chamber	N/A	Valve closes automatically if controller power is lost



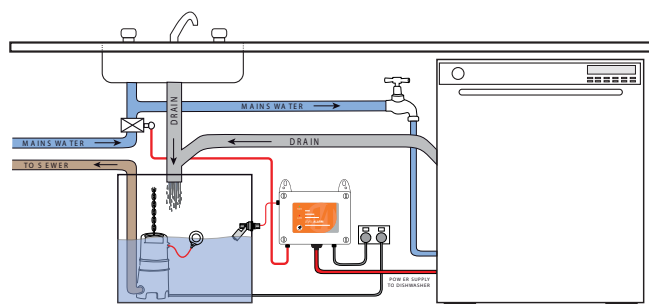
HML40-A-D1-S1 (Valve & Dishwasher Shut-off)

Additional Hardware Features

Inputs	Outputs	Included with Panel
- Digital 12Vdc input for float switch - BMS volt free output for common fault	12Vdc output for solenoid valve 10 Amp GPO for power supply to dishwasher	10 Amp 3 pin 1.5m power supply lead 20mm male/male 12Vdc pulse latching solenoid valve (pre-connected) - Magnetic float switch with 10m cable (pre-connected)

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