

Digital support

WEB SERVICES , APPS AND SOFTWARE

You can get a lot of support through our websites, apps and software that we continuously develop and update in order to help you with the installation and service of our systems. At the same time you can always get in touch with our experienced and helpful support team.

Power Unit - Selection

Power Unit - Selection - Hydroelite

Jack	Power Unit	COA 4PK	Mechanical Valve	Hydroelite Veni	Hydroelite Vidi	Unit
Jack	1x	COA 4PK	180x7.5	160x7.5	160x7.5	bar
Static Pressure		Min - Max	15 - 36	12 - 45	12 - 45	bar
Static Pressure Min		P _{st.min}	16.3	20.5	20.5	bar
Max Empty Car Pressure		P _{st.min.max}	18.7	21.6	20.9	bar
Static Pressure Max		P _{st.max}	35.6	44.9	44.9	W
Heat dissipation to hoistway		POAH _{ΔT=40 °C}	896	802	802	W

Power Unit		Mechanical Valve	Hydroelite Veni	Hydroelite Vidi	Unit
Power Unit		430	330	210 (328)	l/min
Pump (Flow 70Hz)	VSE	36.8	29	18.5	kW
Motor Power	PMN	-	-	15	kW
Frequency Inverter	PFO	160 ¹⁾ 320 ²⁾	126 ¹⁾	44 ³⁾	A
Starting Current	IMA _{peak}	80	63	29	A
Nominal Current	IMN	99	78	40	A
Max Current at 40% ED	IMM _{max}	80	63	35	A
Main Fuse	FUS	440	400	290	l
Tank Size	VAG	0.56	0.55	0.54 ⁴⁾ 0.39 ⁵⁾	m/s
Speed Up	VKN _{up}	0.56	0.55	0.55	m/s
Speed Down	VKN _{down}	16.5	11.4	11.4 ⁴⁾ 12.6 ⁵⁾	s
Travel Time floor to floor	TQD _{average}	31.5	26.4	26.4	s
Travel Timed	TQT _{average}	114	137	137	1/h
Trips per Hour average travels	ZKH _{max}	34	82	96	1/h
Trips per Hour without cooler	ZKH _{max}	928	1024	928	W
Heat dissipation to machineroom	POW _{ΔT=40 °C}	928	5227	4236	kWh
Energy Consumption 100000 trips per year	E _{tot}	2"	1.5"	1.5"	W
Hose Dimension Min	dh _{LOH=6 m}	2"	1.5"	1.5"	W

Power Unit

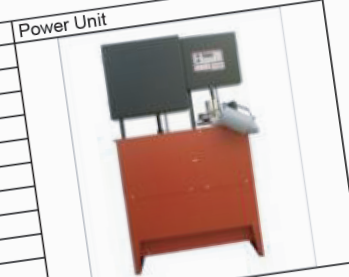
Power unit with larger tank		Mechanical Valve	Hydroelite Veni	Hydroelite Vidi	Unit
Power unit with larger tank		700	700	475	l
Tank Size	VAG	46	112	121	1/h
Trips per Hour without cooler	ZKH _{max}	1280	1312	1088	W
Heat dissipation to machine room	POW _{ΔT=40 °C}	1280	5227	4236	kWh

Power unit with larger tank

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Hydroelite Veni = Oil-drained motor, Hydroelite Vidi = Air-cooled motor
 1) Soft Starter, 2) Star/Delta, 3) VVVF Frequency Inverter
 4) Up to 25% Load, 5) At 100% Load

Data	Value	New
Lift	2:1	
Lift system	COA 4PK	
Jack type	1	mm
Number of jacks	5500	
Travel height	3 / 3	m/s
Number of floors / Landing doors	0.55	m/s
Rated speed	0	kg
Max down speed	2500	kg
Max load	2000	V



Digital support

HydCalc

With HydCalc you get a complete specification of the calculated power unit by providing the valid lift data.

Power Unit - Calculation VIDI V1340a

Lift system:

Installation: New Existing

Jack type:

Allow guide yoke: Yes No

Number of jacks:

Travel height: mm

Number of floors:

Number of landing doors:

Rated speed: m/s

Max. down speed: m/s

Rated load: kg

Weight of car and sling: kg

Supply voltage: V

Power unit type: MR MRL MINI

Hose length: mm

Discount:

Currency:

Offer/order

Digital offer and order form that makes it quick and easy to get an offer or placing an order.

Blue fields must be completely filled in to get an offer. Fill in remaining data if the information are available. Unanswered option question is taken as not selected. NOTE!

General Data

Purchase number:

Commission number:

Lift Company:

Contact person:

Tel. Fax. E-mail:

Requested delivery date:

Site address city/country:

Site address street:

Delivery address:

Delivery Zip, City, Country:

Document language: swedish english german dutch italian

Packing type: normal seaworthy Delivery with tail lift necessary

Lift system: direct (1:1) indirect (2:1) Venti Vidi

Valve: l/min

Pump (Vidi) l/min

Pressures: Stat. full load: Empty car: Existing pump l/min

Rated speed:

Rated load:

Cylinder: type: qty:

Piston diameter: cyl 1: mm cyl 2: mm

HydroApp

Trouble shooting tool which gives you proposals of actions depending on what error code you have.

<http://www.hydroware.info/app/en/feedback.php>

H4 No speedsignal in downstart, or stopped during downtravel due to disappearance of speedsignal

Check out the hose or adjust the valve (see T10033 and T10015 4.6) (Check the valve by increase the down speed, menu 6.1.3.2.4, and observe when Rupture valve tripped)

Check out the function by manually affect the VMD valve
VMD cannot open

Search for break in the wirings
VMD cannot open

Replace the coil if required, replace the VMD valve
VMD cannot open

Dismantle VMD under M8-screw, check for dirt
Check valve VR near pressure relief valve not close

Check out the encoder and its rope system incl. suspension and gear belt. Replace if required.

Fault information from encoder/control node board

WebRel

This is our latest tool where you will find all necessary technical documentations, electrical diagrams, connection tables, drawings, certificates and also the entire history of all your lifts.

Hydroware

Site:

96758 - 14-18411 - Winters Court - London, UK

- Hydrolite Lift Data and Schematics
- Hydrolite Connection Tables
- Hydrolite Order Form
- Hydrolite Material Specification
- Hydrolite Logged Activities

GUI-simulator

With this simulator you can test your real software on the web. Applicable both for training and simulation of different features of the software.

HydroliteGUI - 1

Display: 2015-09-18 06:59

RORMAL

Dorr 1 +2

Plan

Floor Secondary Side

Floor Main Side

Car Secondary Side

Car Main Side

Hydroware Elevation Technology A3 © 2002-2008 - v2k

STATIC 1 INFLOOR

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Hydroware
we build for ever