

# ADAST

## ADAST POPULAR

Our Tradition. Your Future.

**ADAST POPULAR** meet existing and incoming requirements of easy installation, simple service and maintenance, economic operation and operating reliability in the standard and extreme climatic conditions.

### Main Advantages

- Modern design, compact construction
- Integrated hydraulic unit
- Electronic control unit ADP/T with a single-chip microcontroller for control of all dispenser functions
- Automatic Temperature Compensation – Approvals OIML R 117-1, Welmec 10.4
- Proportional valve for accurate control of flow rate from 2 to 120 l/min
- Piston flow meter with integrated intelligent impulse sensor
- Electronic regulation and monitoring of vapour recovery system
- High quality materials with high working life and low maintenance requirements
- Ergonomic location of the dispensing nozzle
- User friendly design of pre-setting keyboard



The fuel dispensers are determined for dispensing of petrol, diesel, biodiesel B 10 to B 100 – mixture of diesel with FAME (Fatty Acid Methyl Ester), ethanol and mixture petrol with ethanol (E 10 to E 85).



The fuel dispenser got a prestige awards „The excellent design 2007“.

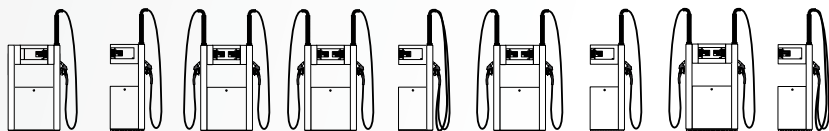
The awards is given by the Ministry of Industry and Trade and the Design Centre CZ in accordance with the recommendation of the international professional jury.

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<b>V-line Popular modifications</b>	899x.xx2/S – suction system 899x.xx2/P – pressure system 899x.4x2 – with a hose on the spring hanger 899x.6x2 – with a hose on the dispenser side wall																		
<b>Operating flow rate</b>	according to the variant models 40, 60, 70, 80, 110, 120, 130, 150, 170 l/min																		
<b>Locking device</b>	of the fuel dispenser covers and dispensing nozzles																		
<b>Temperature range</b>	standard -20 to +50 °C, design for extreme temperatures -40 to +60 °C																		
<b>Electrical connection</b>	3 x 230/400 V AC ±15 %, 50 Hz																		
<b>Hydraulic connection</b>	flow rates 40 – 170 l/min are depending on dispenser model, parameters and length of connection piping and of suction pressure.																		
<b>Options</b>	<table border="0"> <tr> <td>Dispensing nozzles, hoses</td> <td>Signalling light</td> </tr> <tr> <td>Sight glass</td> <td>Heating for electronics</td> </tr> <tr> <td>One-sided design</td> <td>Payment terminal</td> </tr> <tr> <td>Safety break-away couplings</td> <td>Vacuometer</td> </tr> <tr> <td>Electronic volume and price pre-setting</td> <td>Cover opening monitoring</td> </tr> <tr> <td>Electromechanical totalizer</td> <td>Design for satellite connection - diesel</td> </tr> <tr> <td>System of vapour recovery</td> <td>Circuit breaker of electronics supply</td> </tr> <tr> <td>System ATC for all products</td> <td>Communication standard IFSF – LON – FTT-10 or TCP/IP – Ethernet</td> </tr> <tr> <td>Button for flow rate choice 40/80 l/min or 80/110 to 170 l/min for diesel</td> <td></td> </tr> </table>	Dispensing nozzles, hoses	Signalling light	Sight glass	Heating for electronics	One-sided design	Payment terminal	Safety break-away couplings	Vacuometer	Electronic volume and price pre-setting	Cover opening monitoring	Electromechanical totalizer	Design for satellite connection - diesel	System of vapour recovery	Circuit breaker of electronics supply	System ATC for all products	Communication standard IFSF – LON – FTT-10 or TCP/IP – Ethernet	Button for flow rate choice 40/80 l/min or 80/110 to 170 l/min for diesel	
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## POPULAR

Fuel dispenser V-line	8990	8991	8993	8994	8995	8996	8997	8998	8999
<b>Number of products</b>	1	1	1	2	1	2	1	2	1
<b>Number of nozzles 40 l/min</b>	—	1	2	2	2	1	—	—	1
<b>80 l/min</b>	—	—	—	—	—	1	1	2	1
<b>110, 120, 130, 150, 170 l/min</b>	1	—	—	—	—	—	—	—	—
<b>Length (mm)</b>	950	620	950	950	620	950	620	950	620
<b>Width (mm)</b>	410	410	410	410	410	410	410	410	410
<b>Hight of 899x.4x2 (mm)</b>	2250	2250	2250	2250	2250	2250	2250	2250	2250
<b>Hight of 899x.6x2 (mm)</b>	1600	1600	1600	1600	—	1600	1600	1600	—
<b>Hose distance (m)</b>	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6



Certificate



CE 1026 ATEX

CE 1383 MID – OIML R 117-1, WELMEC 7.2, WELMEC 10.4