



LP PROPANE CLIP-ON WITH QUICK RELEASE CONNECTION

MODEL No: 8516-FL-QR & 8517-FL-QR



USER INSTRUCTIONS

EN DK

Single-Stage, Low Pressure
LP Gas Regulator Type 2531CS-0140
OPERATING INSTRUCTIONS TO BE KEPT BY THE USER
Read carefully before use

Safety Information

- Always install the regulator in Gas OFF position only.
- In normal conditions of use, in order to ensure a safe operation of installation, it is recommended that the regulator should be changed every 10 years from the date of manufacture.
- For outdoor use, the device should be positioned and protected against direct contact of water.
- Before installation make sure that the rubber seal/gasket in the cylinder valve or regulator is in good condition.
- Make sure all valves on the appliance are turned off.
- Cylinder to be kept in an upright position during use.
- Rubber hoses must be in a good condition, with no signs of wear or damage, and should not be more than 5-10 years old.
- Do not try to remove the regulator while the gas is ON.
- Do not move the cylinder while in operation.
- Do not change the cylinder in the presence of any sources of ignition such as naked flames
- When the regulator is installed downstream of another regulator, the supply pressure range shall be correct for the regulated pressure range of the upstream regulator, plus any pressure losses in the interconnecting pipe work.
- That downstream installation pressure loss shall not exceed the ΔP marked on the device.
- If fitting the regulator indirectly to a pressurized tank:
 - The regulator must not be positioned lower than top of the tank or outlet valve.
 - This is to avoid any gas vapor which may have re-liquefied from draining down into the regulator.
 - Any additional pipes or hoses used to connect the regulator must be inclined so that any liquefied or condensed gas can drain back into tank.

Installation

Before installing:

- Check the gasket/seal on the cylinder valve is in place and in good condition.
- If the gas valve is not in good condition, ask your dealer to replace it with another cylinder valve.
- Conduct a visual inspection of the regulator. Remove any dirt or loose metal shavings.
- In total absence of any flame, remove the protection seal or cap from the gas cylinder valve.
- Press the push button horizontally, mount the regulator onto the cylinder valve and press the regulator firmly down into place before releasing the push button.
- Turn on by turning the lever, after ensuring that regulator is connected firmly on the cylinder.
- Perform a leak test by use of the manometer gauge. If no leaks, the gas appliance can be started up.
- If any leaks, check installation and restart leak test procedure.
- To replace the cylinder turn OFF the lever, dismount the regulator by horizontally pressing the push button and then vertically remove the regulator from the cylinder valve.

Gas Level Indicator

Current gas level should be read when the gas appliance is in use, following these color indicators:

Blue: The cylinder is nearly empty, no more liquid gas in the cylinder.

Yellow: The cylinder will soon be empty, plan to refill soon.

Green: Enough gas for continuous gas consumption.

Leak Test Procedure

- The regulator is connected to the gas appliance with the gas hose. Gas appliance valves shall be in closed/off position.
- The regulator is attached to the gas cylinder valve.
- Open the gas flow by turning the gas cylinder valve control knob open.
- After filling up the regulator and hose with gas, close the regulator valve again. The gas is now trapped between the gas regulator and gas appliance.
- The manometer dial goes into the Green area of the scale.
- Wait 2-5 minutes. If the dial is still in the green area of the scale without moving, the installation is free of any leakage.
- In case the dial is moving into the yellow or blue area the installation has a leak.
- Go through the installation with leak spray or water soap solution to identify the leak.
- Gas appliance should not be used until all leaks have been eliminated.

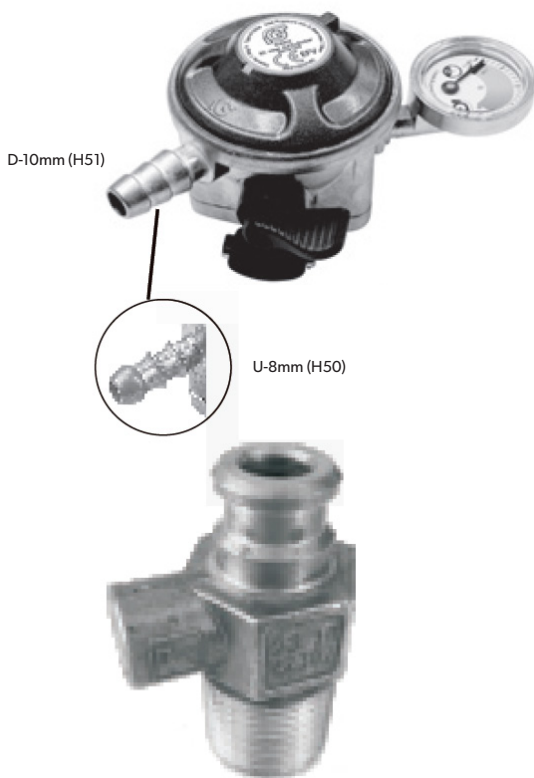
Excess Flow Valve Feature (EFV)

- The regulator is equipped with a manual excess flow valve, a safety feature that automatically cuts off gas flow in the event that the hose is compromised. The excess flow valve is activated during the use of the gas appliance:
 - If the gas appliance consumes more gas than 110% of the regulators rated capacity.
 - If the gas hose is disconnected.
 - If the hose burns through as a result of fire, or if the hose is cut through by accident.

Technical Data

	Butane	Propane		Butane	Propane
Model No.:	A120is/A121is/A122is/A127is		ΔP 5 (mbar):	-	-
Gas Type:	Butane	Propane	Working temperature:	0-50 °C	-20-50 °C
Inlet Pressure (bar):	0.3 - 7.5	1 - 16	Capacity:	1.5kg/h	
Nominal Outlet Pressure(mbar):	28 - 30	37	Inlet connection:	G.52-20mm, G.53-21mm, G.54-22mm, G.59-27mm	
ΔP 2 (mbar):	2	2	Outlet connection:	H.4,H.50,H.51,H.53	
Excess Flow:	yes		Regulator:	63mm	
Leak & level indicator:	yes				

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Enkelt-trins, lavt tryk
LP-gasregulator type 2531CS-0140
BETJENINGSINSTRUKTIONER SKAL OPBEVARES AF BRUGEREN
Læs omhyggeligt før brug

Sikkerhedsoplysninger

- Installer altid kun regulatoren i Gas OFF-position.
- Under normale brugsforhold anbefales det for at sikre en sikker drift af installationen, at regulatoren udskiftes hvert 10. år fra fremstillingsdatoen.
- Til udendørs brug skal enheden placeres og beskyttes mod direkte kontakt med vand.
- Inden installationen skal du sikre dig, at gummitætningen/pakningen i cylinderventilen eller regulatoren er i god stand.
- Sørg for, at alle ventiler på apparatet er slukket.
- Når brug LPG-flasker i opretstående lodret position.
- Gummislanger skal være i god stand, uden tegn på slid eller beskadigelse, og bør ikke være mere end 5-10 år gamle.
- Forsøg ikke at fjerne regulatoren, mens gassen er tændt.
- Flyt ikke gasflasken, mens den er i drift.
- Udskift ikke LPG-flasken i nærheden af antændelseskilder såsom åben ild
- Når regulatoren er installeret nedstrøms for en anden regulator, skal forsyningsstrykområdet være korrekt for det regulerede tryk område for opstrømsregulatoren, plus eventuelle tryktab i forbindelsesrøret.
- At nedstrøms installationstryktab ikke må overstige ΔP -mærket på enheden.
- Hvis regulatoren monteres indirekte på en trykbeholder:
 - Regulatoren må ikke placeres lavere end toppen af tanken eller udløbsventilen.
 - Dette er for at undgå, at eventuel gasdamp, som kan være blevet flydende igen, løber ned i regulatoren.
 - Eventuelle ekstra rør eller slanger, der bruges til at forbinde regulatoren, skal være skråtstillede, så eventuel flydende eller kondenseret gas kan løbe tilbage i tanken.

Installation

Før installation:

- Kontroller, at pakningen på cylinderventilen er på plads og i god stand.
- Hvis gasventilen ikke er i god stand, skal du bede din forhandler om at udskifte den med en anden cylinderventil.
- Udfør en visuel inspektion af regulatoren. Fjern snavs eller løse metalspåner.
- Hvis der ikke er nogen flamme, fjernes beskyttelsesforseglingen eller hættten fra gasflaskens ventil.
- Tryk trykknappen vandret, monter regulatoren på cylinderventilen og tryk regulatoren fast ned på plads, før du slipper trykknappen.
- Når du har sikret dig, at regulatoren er tilsluttet ordentligt på cylinderen, tændes ved at dreje håndtaget.
- Udfør en tæthedstest ved hjælp af manometermåleren. Hvis ingen utætheder, kan gasapparatet startes op.
- Hvis der er nogen utætheder, skal du kontrollere installationen og genstarte lækagetestproceduren.
- For at udskifte cylinderen SLUK håndtaget, afmonter regulatoren ved at trykke vandret på trykknappen og fjern derefter regulatoren lodret fra cylinderventilen.

Gasniveauindikator

Det aktuelle gasniveau skal aflæses, når gasapparatet er i brug, efter disse farveindikatorer:

Blå: Cylinderen er næsten tom, der er ikke mere flydende gas i flasken

Gul: Tidlig advarsel – Planlæg at genopfylde snarest muligt.

Grøn: Tilstrækkeligt gas niveau indeni gasflasken. Parat til at fortsætte.

Utæthedstest

- Regulatoren er forbundet til gasapparatet med gasslangen. Gasapparatventiler skal være i lukket stilling.
- Regulatoren er knyttet til gascylinderventilen.
- Åbn gasflowet ved at dreje gasflaskeventilens kontrolknop åben.
- Efter at have fyldt regulator og slange op med gas, lukkes regulatorventilen igen. Gassen er nu fanget mellem gasregulatoren og gasapparatet.
- Manometerdrejeskiven går ind i det grønne område af skalaen.
- Vent i 2 - 5 minutter. Hvis drejeskiven stadig er i det grønne område af skalaen uden at bevæge sig, er installationen fri for udslip.
- Hvis drejeskiven bevæger sig ind i det gule eller blå område, har installationen noget udslip.
- Gå gennem installationen med lækage spray eller vand- sæbeopløsning for at identificere udslippet
- Gasapparatet bør ikke bruges, inden alle lækagerne er fjernet.

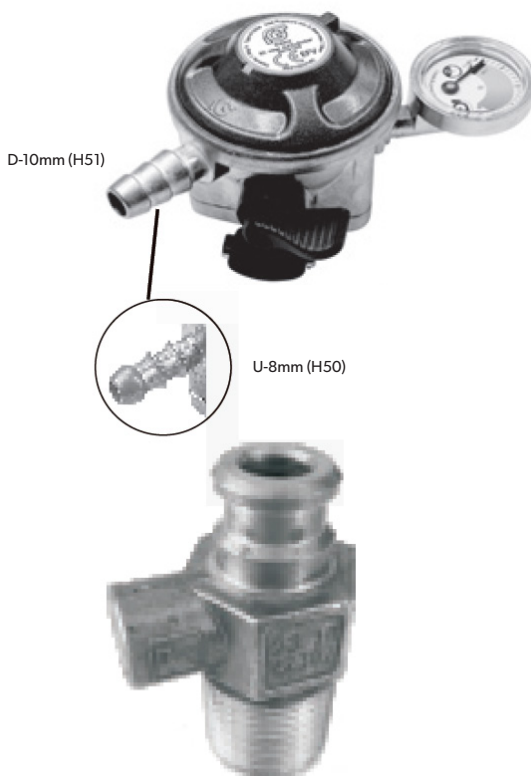
Overskydende flowventilfunktion (EFV)

- Regulatoren er udstyret med en manuel overstrømsventil, en sikkerhedsfunktion, der automatisk afbryder gasstrømmen, hvis slangen kompromitteres. Overstrømsventilen aktiveres under brug af gasapparatet:
 - Hvis gasapparatet bruger mere gas end 110 % af regulatorens nominelle kapacitet.
 - Hvis gasslangen er frakoblet.
 - Hvis slangen brænder igennem som følge af brand, eller hvis slangen skæres igennem ved et uheld.

Teknisk data

	Butan	Propan		Butan	Propan
Model Nr.:	A120is/A121is/A122is/A127is		ΔP 5 (mbar):	-	-
Gas Type:	Butan	Propan	Driftstemperatur:	0-50 °C	-20-50 °C
Tilgangs tryk(bar):	0.3 - 7.5	1 - 16	Kapacitet:	1.5kg/h	
Nominelt afgangstryk (mbar):	28 - 30	37	Indløbsforbindelse:	G.52-20mm, G.53-21mm, G.54-22mm, G.59-27mm	
ΔP 2 (mbar):	2	2	Udgangstilslutning:	H.4,H.50,H.51,H.53	
Slangebrud sikring.	yes		Regulator:	63mm	
Lækage og niveau måler:	yes				

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