Fig. A

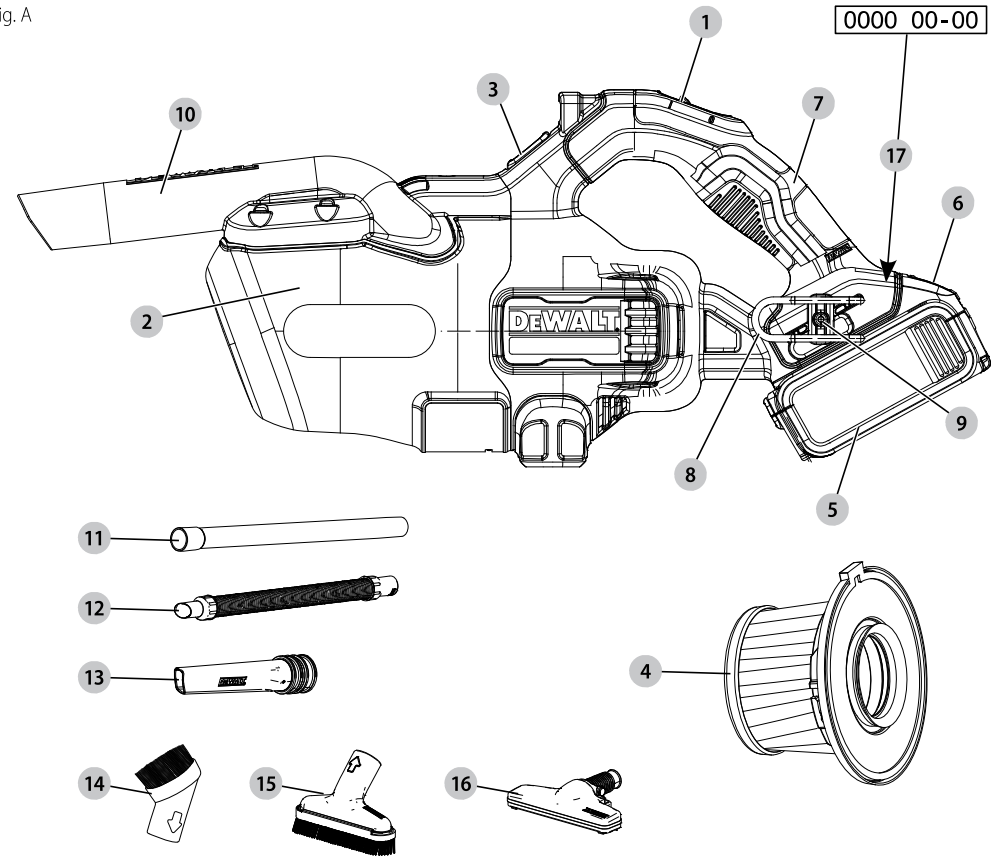


Fig. B

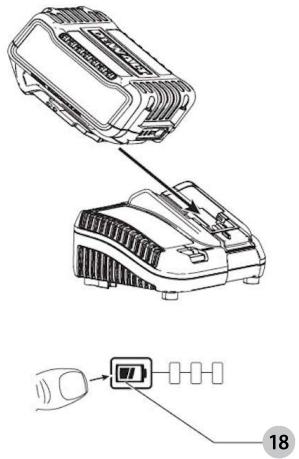


Fig. C

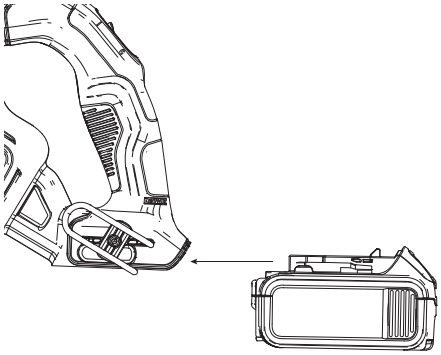


Fig. D

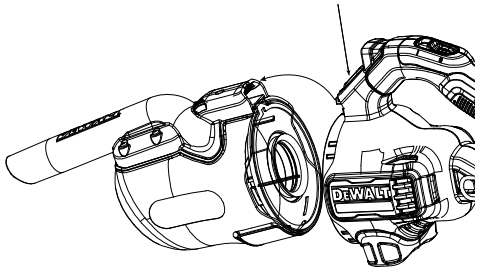


Fig. E

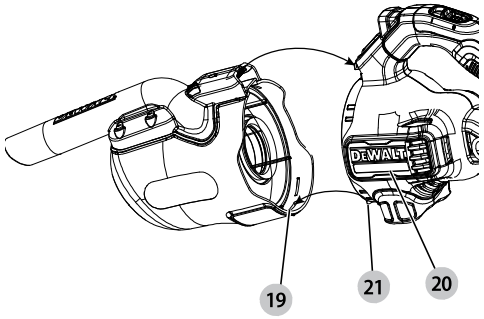


Fig. F



Fig. G

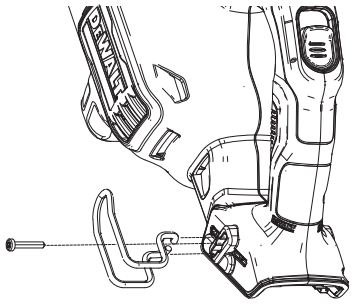


Fig. H

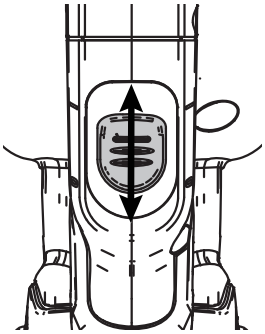


Fig. I

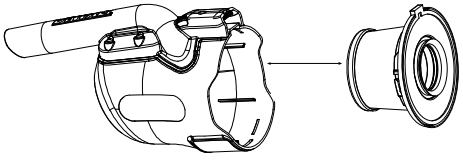
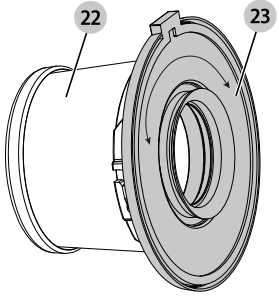


Fig. J



TOOL NAME
DCV501L

Tillykke!

Du har valgt et DEWALT-værktøj. Mange års erfaring, ihærdig produktudvikling og innovation gør DEWALT én af de mest pålidelige partnere for professionelle brugere af elværktøj.

Tekniske Data

		DCV501L
Type		1
Strømforsyning		DC
Batterispænding	V DC	18
Strøm	W	300
Tankvolumen	L	0,7
Maks. luftstrøm	l/s	21,7
Negativt tryk	kPa	9,4
Diameter på slangens mundstykke	mm	31,8
Vægt (uden batteripakke)	kg	1,5
Støjværdier og/eller vibrationsværdier (triax vector sum) i henhold til EN60335:		
L_{PA} (lydtryk)	dB(A)	75
L_{WA} (lydeffekt)	dB(A)	87
K_{WA} (usikkerhed lydeffekt)	dB(A)	2
Vibrationsemissionsværdi a_h =	m/s^2	<2,5
Usikkerhed K =	m/s^2	0,5

Vibrations- og/eller støjemissionsniveauet, der er angivet i dette vejledningsark, er målt i overensstemmelse med en standardiseret test, der er angivet i EN60335-2-69 og kan anvendes til at sammenligne et værktøj med et andet. Det kan anvendes til en foreløbig eksponeringsvurdering.

ADVARSEL: *Det angivne vibrations- og/eller støjemissionsniveau repræsenterer værktøjets hovedanvendelsesområder. Hvis værktøjet anvendes til andre formål, med andet tilbehør eller vedligeholdes dårligt, kan vibrations- og/eller støjemissionen imidlertid variere. Det kan markant forøge eksponeringsniveauet over den samlede arbejdsperiode.*

Et estimat af eksponeringsniveauet for vibration og/eller støj bør også tage højde for de gange, hvor der slukkes for værktøjet, eller når det kører, men ikke bruges til arbejde. Det kan markant mindske eksponeringsniveauet over den samlede arbejdsperiode.

Identificer yderligere sikkerhedsforanstaltninger for at beskytte operatøren mod virkningerne af vibrationer og/eller støj, såsom: Vedligehold værktøjet og tilbehør, hold hænderne varme (relevante for vibrationer), organisering af arbejdsmønstre.

EF-Konformitetserklæring

Maskindirektiv

CE

LEDNINGSFRI HÅNDSTØVSUGER
DCV501L

erklærer, at produkterne beskrevet under ***Tekniske data*** er udformet i overensstemmelse med:
2006/42/EF, EN.

Disse produkter overholder også direktivet 2014/30/EU og 2011/65/EU. Kontakt på følgende adresse for yderligere oplysninger eller se bagsiden af manualen.

Undertegnede er ansvarlig for kompilering af den tekniske fil og udsteder denne erklæring på vegne af .

Markus Rompel
Vicedirektør for Ingeniørarbejde, PTE-Europa
, Richard-Klinger-Strase 11,
D-65510, Idstein, Tyskland
27.08.2021

GEM ALLE ADVARSLER OG INSTRUKTIONER TIL SENERE BRUG

ADVARSEL: *For at reducere risikoen for personskade bør du læse betjeningsvejledningen.*

Definitioner: Sikkerhedsråd

Nedenstående definitioner beskriver sikkerhedsniveauet for hvert signalord. Læs vejledningen og læg mærke til disse symboler.

FARE: *Angiver en overhængende farlig situation, der - hvis den ikke undgås - **vil** resultere i **dødsfald eller alvorlig personskade**.*

ADVARSEL: *Angiver en mulig farlig situation, der - hvis den ikke undgås - **kan** resultere i **dødsfald eller alvorlig personskade**.*

FORSIGTIG: *Angiver en mulig farlig situation, der - hvis den ikke undgås - **kan** resultere i **mindre eller moderat personskade**.*

BEMÆRK: *Angiver en handling, der **ikke er forbundet med personskade**, men som - hvis den ikke undgås - **kan** resultere i **ejendomsskade**.*

Betyder fare for elektrisk stød.

Betyder risiko for brand.

CORDLESS HAND VACUUM CLEANER
DCV501L

Congratulations!

You have chosen a DEWALT tool. Years of experience, thorough product development and innovation make DEWALT one of the most reliable partners for professional power tool users.

Technical Data

		DCV501L
Type		1
Power source		DC
Battery voltage	V_{DC}	18
Power	W	300
Tank Volume	L	0.7
Max. airflow	l/s	21.7
Negative Pressure	kPa	9.4
Hose nozzle diameter	mm	31.8
Weight (without battery pack)	kg	1.5
Noise values and/or vibration values (triax vector sum) according to EN60335:		
L_{PA} (sound pressure)	dB(A)	75
L_{WA} (sound power)	dB(A)	87
K_{WA} (sound power uncertainty)	dB(A)	2
Vibration emission value a_h =	m/s^2	<2.5
Uncertainty K =	m/s^2	0.5

The vibration and/or noise emission level given in this information sheet has been measured in accordance with a standardised test given in EN60335-2-69 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

WARNING: *The declared vibration and/or noise emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration and/or noise emission may differ. This may significantly increase the exposure level over the total working period.*

An estimation of the level of exposure to vibration and/or noise should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration and/or noise such as: maintain the tool and the accessories, keep the hands warm (relevant for vibration), organisation of work patterns.

EC-Declaration of Conformity

Machinery Directive

CE

CORDLESS HAND VACUUM CLEANER
DCV501L

DEWALT declares that these products described under ***Technical Data*** are in compliance with:
2006/42/EC, EN 62841-1:2015; EN 62841-4-2:2019.

These products also comply with Directive 2014/30/EU and 2011/65/EU. For more information, please contact DEWALT at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of DEWALT.



Markus Rompel
Vice-President Engineering, PTE-Europe
DEWALT, Richard-Klinger-Straße 11,
65510, Idstein, Germany
27.08.2021

DECLARATION OF CONFORMITY
THE SUPPLY OF MACHINERY (SAFETY) REGULATIONS 2008

UK CA

CORDLESS HAND VACUUM CLEANER
DCV501L

DEWALT declares that these products described under ***Technical Data*** are in compliance with:

The Supply of Machinery (Safety) Regulations, 2008, S.I. 2008/1597 (as amended),

EN 62841-1:2015; EN 62841-4-2:2019.

These products conform to the following UK Regulations:

Electromagnetic Compatibility Regulations, 2016, S.I.2016/1091 (as amended).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, S.I. 2012/3032 (as amended).

For more information, please contact DEWALT at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of DEWALT.



Karl Evans
Vice President Professional Power Tools EANZ GTS
DEWALT UK, 270 Bath Road, Slough
Berkshire, SL1 4DX
England
27.08.2021

Batteries				Chargers/Charge Times (Minutes)***									
Cat #	V_{DC}	Ah	Weight (kg)	DCB104	DCB107	DCB112	DCB113	DCB115	DCB116	DCB117	DCB118	DCB132	DCB119
DCB546	18/54	6.0/2.0	1.08	60	270	170	140	90	80	40	60	90	X
DCB547	18/54	9.0/3.0	1.46	75*	420	270	220	135*	110*	60	75*	135*	X
DCB548	18/54	12.0/4.0	1.46	120	540	350	300	180	150	80	120	180	X
DCB549	18/54	15.0/5.0	2.12	125	730	450	380	230	170	90	125	230	X
DCB181	18	1.5	0.35	22	70	45	35	22	22	22	22	22	45
DCB182	18	4.0	0.61	60/40**	185	120	100	60	60/45**	60/40**	60/40**	60	120
DCB183/B/G	18	2.0	0.40	30	90	60	50	30	30	30	30	30	60
DCB184/B/G	18	5.0	0.62	75/50**	240	150	120	75	75/60**	75/50**	75/50**	75	150
DCB185	18	1.3	0.35	22	60	40	30	22	22	22	22	22	40
DCB187	18	3.0	0.54	45	140	90	70	45	45	45	45	45	90
DCB189	18	4.0	0.54	60	185	120	100	60	60	60	60	60	120
DCBP034	18	1.7	0.32	27	82	50	40	27	27	27	27	27	50

**Date code 201811475B or later*

***Date code 201536 or later*

****Battery charge times matrix provided for guidance only; charge times will vary depending on temperature and condition of batteries.*

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

WARNING: *To reduce the risk of injury, read the instruction manual.*

Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

DANGER: *Indicates an imminently hazardous situation which, if not avoided,* ***will*** *result in* ***death or serious injury****.*

WARNING: *Indicates a potentially hazardous situation which, if not avoided,* ***could*** *result in* ***death or serious injury****.*

CAUTION: *Indicates a potentially hazardous situation which, if not avoided,* ***may*** *result in* ***minor or moderate injury****.*

NOTICE: *Indicates a practice* ***not related to personal injury*** *which, if not avoided,* ***may*** *result in* ***property damage****.*

Denotes risk of electric shock.

Denotes risk of fire.

GENERAL SAFETY WARNINGS

WARNING: Read all safety warnings and all instructions. *Failure to follow the warnings and instructions listed below may result in electric shock, fire and/or serious injury.*

WARNING: *Some household dust contains chemicals known to cause cancer, birth defects or other reproductive harm such as asbestos and lead in lead based paint.*

WARNING: *Do not attempt to modify or repair the appliance.*

WARNING: *Operator shall be adequately instructed on the use of these appliances.*

WARNING: *To reduse electrical shock and prevent damage to the vacuum cleaner, do not suck in any liquids or wet particles. Do not expose to rain or snow. Store indors.*

WARNING: *Do not charge the battery at ambient temperatures below 4 °C (39 °F) or above 40 °C (104 °F). Follow all charging instructions and do not charge the appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase risk of fire.*

- *Please inform yourself about the valid regulations/laws regarding the handling of hazardous dusts in your country.*
- *dusts in your country.*
- *Before use, operators shall be provided with information, instruction and training for the use of the appliance and the substances for which it is to be used, including the safe method of removal and disposal of the material collected.*
- *This product is not intended for use by persons (including children) suffering from diminished physical, sensory or mental abilities; lack of experience, knowledge or skills unless they are supervised by a person responsible for their safety. Children should never be left alone with this product.*
- *Operators should observe any safety regulations appropriate to the materials being handled.*
- *Do not leave the appliance when it is connected to a power source. Remove battery pack when not in use and before servicing.*
- *To avoid spontaneous combustion, empty tank contents after each use.*

- *Static shocks are possible in dry areas or when the relative humidity of the air is low. This is only temporary and does not affect the use of the vacuum.*
- *Turn off all the vacuum cleaner before removing the battery pack.*
- *Shock Hazard. To protect against risk of electrical shock, do not put charging base in water or other liquid.*
- *Do not allow to be used as a toy. Close attention is necessary when used by or near children.*
- *Use only as described in this manual. Use only manufacturer's recommended attachments.*
- *If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.*
- *Do not handle charger, including charger plug, and charger terminals with wet hands.*
- *Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.*
- *Use extra care when cleaning on stairs.*
- *Do not use without filters in place.*
- *Do not charge the unit outdoors.*
- *Do not incinerate the appliance even if it is severely damaged. The batteries can explode in a fire.*
- *This appliance is intended for vacuuming everyday and jobsite dry messes. The unit should be placed or mounted away from sinks and hot surfaces.*
- *Plug the charger directly into an electrical outlet.*
- *Use the charger only in a standard electrical outlet.*
- *Unplug the charger from outlet before any routine cleaning or maintenance.*
- *Do not look into the air vents when the unit is switched on, as sometimes there is a possibility of small debris being discharged from the air vents, especially after cleaning / replacement of the filters as debris inside the unit can be disturbed.*

Additional Safety Rules

- *Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.*
- *Do not submerge the tool in water.*
- *Do not use to vacuum combustible explosive materials, such as coal, grain or other finely divided combustible material.*
- *For dust extractors it is necessary toprovide for an adequate air changerate L in the room if the exhaust air isreturned to the room. Reference to National Regulations is necessary.*
- *Do not use to vacuum hazardous, toxic or carcinogenic materials, such as asbestos or pesticide.*
- *Never pick up explosive liquids (e.g. gasoline, diesel fuel, heating oil, paint thinner, etc.), acids or solvents.*
- *Do not use vacuum without filters in place.*
- *Some wood contains preservatives which can be toxic. Take extra care to prevent inhalation and skin contact when working with these materials. Request and follow any safety information available from your material supplier.*
- *Do not place heavy objects on vacuum*

SAVE THESE INSTRUCTIONS

Additional Safety Warnings

a) ***Prevent unintentional starting. Ensure the switch is in the off-position before picking up or carrying the appliance.*** *Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.*

b) ***Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance.*** *Such preventive safety measures reduce the risk of starting the appliance accidentally.*

c) ***Recharge only with the charger specified by the manufacturer.*** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*

d) ***Use appliance only with DEWALT recommended battery packs.*** *Use of any other battery packs may create a risk of injury and fire.*

e) ***When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.*** *Shorting the battery terminals together may cause burns or a fire.*

f) ***Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.*** *Liquid ejected from the battery may cause irritation or burns.*

g) ***Do not use a battery pack or appliance that is damaged or modified.*** *Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.*

h) ***Do not expose a battery pack or appliance to fire or excessive temperature.*** *Exposure to fire or temperature above 266 °F (130 °C) may cause explosion.*

i) ***Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions.*** *Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.*

j) ***Do not use the vacuum cleaner if dust is blown out of the ventilation slots. Switch off the vacuum cleaner and check whether the filter is installed correctly or is defective.*** *Defective filters must be replaced immediately.*

k) ***Have servicing performed by a qualified repair person using only identical replacement parts.*** *This will ensure that the safety of the product is maintained.*

Additional Safety Information

WARNING: *Never modify the power tool or any part of it. Damage or personal injury could result.*

WARNING: *Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:*

- *lead from lead-based paints,*
- *crystalline silica from bricks and cement and other masonry products, and*

- *arsenic and chromium from chemically-treated lumber.*

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

- ***Wear protective clothing and wash exposed areas with soap and water.*** *Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals. Direct particles away from face and body.*
- ***Air vents often cover moving parts and should be avoided.*** *Loose clothes, jewelry or long hair can be caught in moving parts.*

CAUTION: When not in use, place tool on its side on a stable surface where it will not cause a tripping or falling hazard. *Some tools with large battery packs will stand upright on the battery pack but may be easily knocked over.*

Residual Risks

In spite of the application of the relevant safety regulations and the implementation of safety devices, certain residual risks cannot be avoided. These are:

- *Impairment of hearing.*
- *Risk of personal injury due to flying particles.*
- *Risk of inhaling fumes when working with adhesives.*
- *Risk of inhaling hazardous dust.*

SAVE THESE INSTRUCTIONS

Chargers

DEWALT chargers require no adjustment and are designed to be as easy as possible to operate.

Electrical Safety

The electric motor has been designed for one voltage only. Always check that the battery pack voltage corresponds to the voltage on the rating plate. Also make sure that the voltage of your charger corresponds to that of your mains.

Your DEWALT charger is double insulated in accordance with EN60335; therefore no earth wire is required.

If the supply cord is damaged, it must be replaced only by DEWALT or an authorised service organisation.

Mains Plug Replacement (U.K. & Ireland Only)

If a new mains plug needs to be fitted:

- *Safely dispose of the old plug.*
- *Connect the brown lead to the live terminal in the plug.*
- *Connect the blue lead to the neutral terminal.*

WARNING: *No connection is to be made to the earth terminal.*

Follow the fitting instructions supplied with good quality plugs. Recommended fuse: 3 A.

Using an Extension Cable

An extension cord should not be used unless absolutely necessary. Use an approved extension cable suitable for the power input of your charger (see ***Technical Data***). The minimum conductor size is 1 mm^2; the maximum length is 30 m.

When using a cable reel, always unwind the cable completely.

Important Safety Instructions for All Battery Chargers

SAVE THESE INSTRUCTIONS: This manual contains important safety and operating instructions for compatible battery chargers (refer to ***Technical Data***).

- *Before using charger, read all instructions and cautionary markings on charger, battery pack, and product using battery pack.*

WARNING: *Shock hazard. Do not allow any liquid to get inside charger. Electric shock may result.*

WARNING: *We recommend the use of a residual current device with a residual current rating of 30mA or less.*

CAUTION: *Burn hazard. To reduce the risk of injury, charge only DEWALT rechargeable batteries. Other types of batteries may burst causing personal injury and damage.*

CAUTION: *Children should be supervised to ensure that they do not play with the appliance.*

NOTICE: *Under certain conditions, with the charger plugged into the power supply, the exposed charging contacts inside the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.*

- ***DO NOT attempt to charge the battery pack with any chargers other than the ones in this manual.*** *The charger and battery pack are specifically designed to work together.*
- ***These chargers are not intended for any uses other than charging DEWALT rechargeable batteries.*** *Any other uses may result in risk of fire, electric shock or electrocution.*
- ***Do not expose charger to rain or snow.***
- ***Pull by plug rather than cord when disconnecting charger.*** *This will reduce risk of damage to electric plug and cord.*
- ***Make sure that cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.***
- ***Do not use an extension cord unless it is absolutely necessary.*** *Use of improper extension cord could result in risk of fire,electric shock, or electrocution.*
- ***Do not place any object on top of charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat.*** *Place the charger in a position away from any heat source. The*

charger is ventilated through slots in the top and the bottom of the housing.

- ***Do not operate charger with damaged cord or plug—*** *have them replaced immediately.*
- ***Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.*** *Take it to an authorised service centre.*
- ***Do not disassemble charger; take it to an authorised service centre when service or repair is required.*** *Incorrect reassembly may result in a risk of electric shock, electrocution or fire.*
- *In case of damaged power supply cord, the supply cord must be replaced immediately by the manufacturer, its service agent or similar qualified person to prevent any hazard.*
- ***Disconnect the charger from the outlet before attempting any cleaning. This will reduce the risk of electric shock.*** *Removing the battery pack will not reduce this risk.*
- ***NEVER*** *attempt to connect two chargers together.*
- ***The charger is designed to operate on standard 230V household electrical power. Do not attempt to use it on any other voltage.*** *This does not apply to the vehicular charger.*

Charging a Battery (Fig. B)

1. Plug the charger into an appropriate outlet before inserting battery pack.
2. Insert the battery pack **5** into the charger, making sure the battery pack is fully seated in the charger. The red (charging) light will blink repeatedly indicating that the charging process has started.
3. The completion of charge will be indicated by the red light remaining ON continuously. The battery pack is fully charged and may be used at this time or left in the charger. To remove the battery pack from the charger, push the battery release button **6** on the battery pack.

NOTE: To ensure maximum performance and life of lithium-ion battery packs, charge the battery pack fully before first use.

Charger Operation

Refer to the indicators below for the charge status of the battery pack.

Charge Indicators	
Charging	— — — —
Fully Charged	———
Hot/Cold Pack Delay*	— — — | ———

***The red light will continue to blink, but a yellow indicator light will be illuminated during this operation. Once the battery pack has reached an appropriate temperature, the yellow light will turn off and the charger will resume the charging procedure.

The compatible charger(s) will not charge a faulty battery pack. The charger will indicate faulty battery by refusing to light.

NOTE: This could also mean a problem with a charger.

If the charger indicates a problem, take the charger and battery pack to be tested at an authorised service centre.

Hot/Cold Pack Delay

When the charger detects a battery pack that is too hot or too cold, it automatically starts a Hot/Cold Pack Delay, suspending charging until the battery pack has reached an appropriate temperature. The charger then automatically switches to the pack charging mode. This feature ensures maximum battery pack life.

A cold battery pack will charge at a slower rate than a warm battery pack. The battery pack will charge at that slower rate throughout the entire charging cycle and will not return to maximum charge rate even if the battery pack warms.

The DCB118 charger is equipped with an internal fan designed to cool the battery pack. The fan will turn on automatically when the battery pack needs to be cooled. Never operate the charger if the fan does not operate properly or if ventilation slots are blocked. Do not permit foreign objects to enter the interior of the charger.

DCB118 charger

The DCB118 charger is equipped with an internal fan designed to cool the battery pack. The fan will turn on automatically when the battery pack needs to be cooled. Never operate the charger if the fan does not operate properly or if ventilation slots are blocked. Do not permit foreign objects to enter the interior of the charger.

Electronic Protection System

XR Li-Ion tools are designed with an Electronic Protection System that will protect the battery pack against overloading, overheating or deep discharge.

The tool will automatically turn off if the Electronic Protection System engages. If this occurs, place the lithium-ion battery pack on the charger until it is fully charged.

Wall Mounting

These chargers are designed to be wall mountable or to sit upright on a table or work surface. If wall mounting, locate the charger within reach of an electrical outlet, and away from a corner or other obstructions which may impede air flow. Use the back of the charger as a template for the location of the mounting screws on the wall. Mount the charger securely using drywall screws (purchased separately) at least 25.4 mm long with a screw head diameter of 7–9 mm, screwed into wood to an optimal depth leaving approximately 5.5 mm of the screw exposed. Align the slots on the back of the charger with the exposed screws and fully engage them in the slots.

Charger Cleaning Instructions

WARNING: Shock hazard. Disconnect the charger from the AC outlet before cleaning*. Dirt and grease may be removed from the exterior of the charger using a cloth or soft non-metallic brush. Do not use water or any cleaning solutions. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.*

Battery Packs

Important Safety Instructions for All Battery Packs

When ordering replacement battery packs, be sure to include catalogue number and voltage.

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below. Then follow charging procedures outlined.

READ ALL INSTRUCTIONS

- ***Do not charge or use battery in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.*** *Inserting or removing the battery from the charger may ignite the dust or fumes.*
- ***Never force battery pack into charger. Do not modify battery pack in any way to fit into a non-compatible charger as battery pack may rupture causing serious personal injury.***
- *Charge the battery packs only in DEWALT chargers.*
- ***DO NOT*** *splash or immerse in water or other liquids.*
- ***Do not store or use the tool and battery pack in locations where the temperature may fall below 4 ˚C (39.2 ˚F) (such as outside sheds or metal buildings in winter), or reach or exceed 40 ˚C (104 ˚F) (such as outside sheds or metal buildings in summer).***
- ***Do not incinerate the battery pack even if it is severely damaged or is completely worn out.*** *The battery pack can explode in a fire. Toxic fumes and materials are created when lithium-ion battery packs are burned.*
- ***If battery contents come into contact with the skin, immediately wash area with mild soap and water.*** *If battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.*
- ***Contents of opened battery cells may cause respiratory irritation.*** *Provide fresh air. If symptoms persists, seek medical attention.*

WARNING: *Burn hazard. Battery liquid may be flammable if exposed to spark or flame.*

WARNING: *Never attempt to open the battery pack for any reason. If battery pack case is cracked or damaged, do not insert into charger. Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over or damaged in any way (i.e., pierced with a nail, hit with a hammer, stepped on). Electric shock or electrocution may result. Damaged battery packs should be returned to service centre for recycling.*

WARNING: Fire hazard. Do not store or carry the battery pack so that metal objects can contact exposed battery terminals. *For example, do not place the battery pack in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc.*

CAUTION: When not in use, place tool on its side on a stable surface where it will not cause a tripping or falling hazard. *Some tools with large battery packs will stand upright on the battery pack but may be easily knocked over.*

Transportation

WARNING: Fire hazard. *Transporting batteries can possibly cause fire if the battery terminals inadvertently come in contact with conductive materials. When transporting batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.* ***NOTE:*** *Lithium-ion batteries should not be put in checked baggage.*

DEWALT batteries comply with all applicable shipping regulations as prescribed by industry and legal standards which include UN Recommendations on the Transport of Dangerous Goods; International Air Transport Association (IATA) Dangerous Goods Regulations, International Maritime Dangerous Goods (IMDG) Regulations, and the European Agreement Concerning The International Carriage of Dangerous Goods by Road (ADR). Lithium-ion cells and batteries have been tested to section 38.3 of the UN Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria.

In most instances, shipping a DEWALT battery pack will be excepted from being classified as a fully regulated Class 9 Hazardous Material. In general, only shipments containing a lithium-ion battery with an energy rating greater than 100 Watt Hours (Wh) will require being shipped as fully regulated Class 9. All lithium-ion batteries have the Watt Hour rating marked on the pack. Furthermore, due to regulation complexities, DEWALT does not recommend air shipping lithium-ion battery packs alone regardless of Watt Hour rating. Shipments of tools with batteries (combo kits) can be air shipped as excepted if the Watt Hour rating of the battery pack is no greater than 100 Wh.

Regardless of whether a shipment is considered excepted or fully regulated, it is the shipper's responsibility to consult the latest regulations for packaging, labeling/marking and documentation requirements.

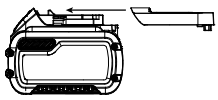
The information provided in this section of the manual is provided in good faith and believed to be accurate at the time the document was created. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with the applicable regulations.

Transporting the FLEXVOLT™ Battery

The DEWALT FLEXVOLT™ battery has two modes: **Use** and **Transport**.

Use Mode: When the FLEXVOLT™ battery stands alone or is in a DEWALT 18V product, it will operate as an 18V battery. When the FLEXVOLT™ battery is in a 54V or a 108V (two 54V batteries) product, it will operate as a 54V battery.

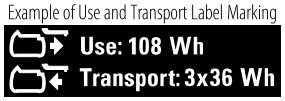
Transport Mode: When the cap is attached to the FLEXVOLT™ battery, the battery is in Transport mode. Keep the cap for shipping.



When in Transport mode, strings of cells are electrically disconnected within the pack resulting in 3 batteries with a lower Watt hour (Wh) rating as compared to 1 battery with a higher Watt hour rating. This increased quantity of 3 batteries with the lower Watt hour rating can exempt the pack from certain shipping regulations that are imposed upon the higher Watt hour batteries.

For example, the Transport Wh rating might indicate 3 x 36 Wh, meaning 3 batteries of 36 Wh each. The Use Wh rating might indicate 108 Wh (1 battery implied).

Example of Use and Transport Label Marking



Storage Recommendations

1. The best storage place is one that is cool and dry away from direct sunlight and excess heat or cold. For optimum battery performance and life, store battery packs at room temperature when not in use.
2. For long storage, it is recommended to store a fully charged battery pack in a cool, dry place out of the charger for optimal results.

NOTE: Battery packs should not be stored completely depleted of charge. The battery pack will need to be recharged before use.

Labels on Charger and Battery Pack

In addition to the pictographs used in this manual, the labels on the charger and the battery pack may show the following pictographs:


Read instruction manual before use.


See ***Technical Data*** for charging time.


Do not probe with conductive objects.


Do not charge damaged battery packs.


Do not expose to water.


Have defective cords replaced immediately



Charge only between 4 °C and 40 °C.


Only for indoor use.



Discard the battery pack with due care for the environment.



Charge DEWALT battery packs only with designated DEWALT chargers. Charging battery packs other than the designated DEWALT batteries with a DEWALT charger may make them burst or lead to other dangerous situations.


Do not incinerate the battery pack.


USE (without transport cap). Example: Wh rating indicates 108 Wh (1 battery with 108 Wh).


TRANSPORT (with built-in transport cap). Example: Wh rating indicates 3 x 36 Wh (3 batteries of 36 Wh).

Battery Type

The following tools operate on a 18 volt battery pack: DCV501L .

These battery packs may be used: DCB181, DCB182, DCB183, DCB183B, DCB183G, DCB184, DCB184B, DCB184G, DCB185, DCB187, DCB189, DCBP034, DCB546, DCB547, DCB548, DCB549. Refer to ***Technical Data*** for more information.

Package Contents

The package contains:

1 Vacuum cleaner
1 Floor nozzle
1 Gulper with removable brush
1 Round brush
1 Crevice nozzle
1 Extension
1 Flexible hose
1 Belt hook screw
1 Belt hook
1 DEWALT soft bag
1 Instruction manual

NOTE: Battery packs, chargers and kitboxes are not included with N models. Battery packs and chargers are not included with NT models. B models include Bluetooth® battery packs.

NOTE: The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth®, SIG, Inc. and any use of such marks by DEWALT is under license. Other trademarks and trade names are those of their respective owners.

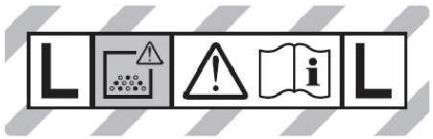
- *Check for damage to the tool, parts or accessories which may have occurred during transport.*
- *Take the time to thoroughly read and understand this manual prior to operation.*

Markings on Tool

The following pictograms are shown on the tool:


Read instruction manual before use.

WARNING: *This appliance contains harmful dust. The emptying and maintenance, including the removal of the dust bag, may only be executed by trained personnel wearing suitable protection equipment. Do not switch on until the complete filter system has been installed.*



Class L dust extractors are suitable to extract dry, non-combustible dusts with workpace limit values of > 1 mg/m3.

DCB184 *Batteries may be used with the vacuum cleaner, see section "Battery Type*

Date Code Position (Fig. A)

The date code **17**, which also includes the year of manufacture, is printed into the housing.

Example:

2021 XX XX

Year and Week of Manufacture

Description (Fig. A)

WARNING: *Never modify the power tool or any part of it. Damage or personal injury could result.*

1 On/off switch
2 Dust bowl
3 Dust bowl release button
4 Filter assembly
5 Battery pack
6 Battery release button
7 Main handle
8 Belt hook
9 Belt hook screw
10 Nozzle
11 Extension
12 Flexible hose
13 Crevice nozzle
14 Round brush
15 Gulper brush
16 Floor nozzle
17 Date code

Intended Use

Your DCV501L cordless vacuum cleaner has been designed to vacuum dry, non-combustable dusts up to dust Class L with limit values for occupational exposure greater than 1 mg/m^3.

This vacuum cleaner is a professional power tools.

DO NOT use to vacuum liquids.

DO NOT use the vacuum cleaner for combustible dust.

DO NOT use the vacuum cleaner in explosive atmospheres.

NOTE: This appliance is suited for the commercial use, e.g. in hotels, schools, hospitals, factories, shops, offices, rental companies, and on construction sites.

DO NOT use under wet conditions or in the presence of flammable liquids or gases.

DO NOT let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

- **Young children and the infirm.** This appliance is not intended for use by young children or infirm persons without supervision.
- This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge. Children should never be left alone with this product.
- Children should be supervised to ensure that they do not play with the appliance.

ASSEMBLY AND ADJUSTMENTS

WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/ installing attachments or accessories. *An accidental start-up can cause injury.*

WARNING: *Use only DEWALT battery packs and chargers.*

Inserting and Removing the Battery Pack from the Tool (Fig. C)

NOTE: Make sure your battery pack **10** is fully charged.

To Install the Battery Pack into the Tool Handle

1. Align the battery pack with the rails inside the tool's handle (Fig. C).
2. Slide it into the handle until the battery pack is firmly seated in the tool and ensure that you hear the lock snap into place.

To Remove the Battery Pack from the Tool

1. Press the battery release button **6** and firmly pull the battery pack out of the tool handle.
2. Insert battery pack into the charger as described in the charger section of this manual.

Fuel Gauge Battery Packs (Fig. B)

Some DEWALT battery packs include a fuel gauge which consists of three green LED lights that indicate the level of charge remaining in the battery pack.

To actuate the fuel gauge, press and hold the fuel gauge button **18**. A combination of the three green LED lights will

illuminate designating the level of charge left. When the level of charge in the battery is below the usable limit, the fuel gauge will not illuminate and the battery will need to be recharged.

NOTE: The fuel gauge is only an indication of the charge left on the battery pack. It does not indicate tool functionality and is subject to variation based on product components, temperature and end-user application.

Removing Dust Bowl (Fig. D)

1. Remove the dust bowl 2 by pressing the dust bowl release button 3 and pulling the dust bowl down and out.

Installing Dust Bowl (Fig. E)

NOTE: It is very important that the filter is correctly positioned before use.

1. Line up the rib 21 on the motor housing 20 with the slot 19 of the dust bowl.
2. Install the dust bowl onto the unit and listen for an audible click. Ensure the dust bowl is secured in place before using.

Installing Accessories (Fig. F)

NOTE: Ensure accessories are securely in place prior to use.

- Slide accessories onto the nozzle 10.
- For longer reach, attach extension 11 or hose 12 to the nozzle.
- Accessories may also be attached to the end of the hose or extension.

	**Extension:** Reach farther to clean overhead, under objects, and out-of-reach places.
	**Flexible Hose:** Flexible for reaching more hidden-away areas that the straight extension can't reach.
	**Crevice nozzle:** Gets in narrow spaces around the house, jobsite, and vehicles.
	**Round brush:** Knocks dust and debris out of tiny places so the vacuum can pick it up.
	**Gulper with removable brush:** Cleans a wider area and helps dislodge dust and debris on larger items around the work area.
	**Floor nozzle:** Pair with the extension to get dirt and debris from the floor.

Belt Hook (Fig. G)

WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/ installing attachments or accessories.

WARNING: To reduce the risk of serious personal injury, DO NOT *suspend tool overhead or suspend objects from the belt hook.* ***ONLY*** *hang tool's belt hook from a work belt.*

WARNING: To reduce the risk of serious personal injury, *ensure the screw holding the belt hook is secure.*

IMPORTANT: When attaching or replacing the belt hook, use only the belt hook screw 9 that is provided. Be sure to securely tighten the screw.

The belt hook 8 can be be attached to either side of the tool using only the screw provided, to accommodate left- or right-handed users. If the hook is not desired at all, it can be removed from the tool.

To move belt hook, remove the screw that holds it in place then reassemble on the opposite side. Be sure to securely tighten the screw.

OPERATION

Instructions for Use

WARNING: *Always observe the safety instructions and applicable regulations.*

WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/ installing attachments or accessories. *An accidental start-up can cause injury.*

Switching on and off (Fig. H)

- To switch the tool on, set the on/off switch 1 to position **I**.
- To switch the tool off, set the on/off switch 1 to position **O**.

Vacuuming

WARNING: *Always operate the tool with the dust filter in place.*

1. Empty and clean the dust bowl 2 before use.
2. Select the appropriate accessory (switch off the vacuum cleaner when changing the accessory).
3. Move the vacuum nozzle 10 over the surface to be cleaned. If necessary, the hose 12 can be utilized for confined spaces.

Cleaning/Emptying the Dust Bowl and Filter (Fig. D, E, I, J)

WARNING : *To reduce the risk of serious personal injury, turn appliance off and remove battery pack before cleaning, making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.*

WARNING: *Wear approved dust mask when performing cleaning and emptying dust bowl and filter.*

WARNING: *Projectile/Respiratory Hazard: Never use the vac without filter or with damaged filter.*

WARNING:

- *Do not wash the inside of the filter.*
- *Let the filter dry thoroughly if the inside becomes wet.*
- *Do not use a brush to clean the filter.*

- *Never use compressed air or a brush to clean filters, otherwise damage to the filter membrane will occur which will allow dust to pass through the filter.*

NOTE: The filter is reusable, do not throw it away when the dust bowl 2 is emptied. The durability of the filter depends on how often the vacuum cleaner is used and what substances are sucked in. If the suction power is not sufficient after cleaning the filter, the filter must be replaced. The filter must be inspected regularly for damage. If the filter is damaged, it must be replaced immediately.

Removing Filter

1. Place the vacuum over a trash bin and remove the dust bowl 2 from the main housing by pressing the dust bowl release button 3 on the handle and remove the dust bowl by pulling the dust bowl away from the main housing.
2. Remove the filter assembly 4 by pulling it out of the dust bowl.
3. Twist counterclockwise and pull the filter cap 23 to seperate it from the filter 22.

Install Filter

1. Attach the filter cap onto the filter and rotate it clockwise to lock it firmly into position.
2. Push the filter assembly into the dust bowl.
3. Install the dust bowl onto the main housing and lock it firmly into position.

Cleaning Filter

IMPORTANT: Maximum dust collection will only be obtained with a clean filter and an empty dust bowl. If dust begins to fall back out of the product after it is switched off, this indicates that the bowl is full and requires emptying.

1. Once the filter is removed from the dust bowl, shake off or lightly brush any dust from the filter. Care must be taken not to damage the filter material.
2. Empty any dust from the dust bowl 2 into a trash bin and wash if necessary.
3. Rinse out the dust bowl with warm soapy water. Ensure that the dust bowl is completely dry before using.
4. Depending on its condition, rinse the outside of the filter under lukewarm running water.
5. It is very important that the filters are completely dry and correctly in position before use.
6. Ensure the filters are completely dry for 24 hours before refitting.

Replacement filter: DCV5011H

Do not use damaged filters. Replace any damaged filters immediately.

MAINTENANCE

Your power tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/ installing attachments or accessories. *An accidental start-up can cause injury.*

WARNING: *For user servicing, the machine must be dismantled, cleaned and serviced, as far as is reasonably practicable, without causing risk to the maintenance staff and others. Suitable precautions include, decontamination before dismantling, provision for local filtered exhaust ventilation where the machine is dismantled, cleaning of the maintenance area and suitable personal protection.*

- *The manufacturer, or an instructed person, shall perform a technical inspection at least annually consisting of, for example, inspection of filters for damage, air tightness of the machine and proper function of the control mechanism.*
- *When carrying out service or repair operations, all contaminated items which cannot be satisfactorily cleaned, are to be disposed of; such items shall be disposed of in impervious bags in accordance with any current regulation for the disposal of such waste.*
- *For dust extractors it is necessary to provide for an adequate air change rate L in the room if the exhaust air is returned to the room.*

The charger and battery pack are not serviceable.

Storing the Dust Extractor

WARNING:

a) Empty the dust collection box before storing the dust extractor.

b) Always store your dust extractor with the batteries removed.

c) Store the tool and batteries in a place that is as cool and dry as possible.

d) Store the tool and batteries in a place that cannot be accessed by children or unauthorised persons.

e) Check the tool and batteries for damage after long periods of storage.

*f) Refer to the **Battery Packs, Transportation** section of this manual for further information.*

Lubrication

Your power tool requires no additional lubrication.

Cleaning

WARNING: *Blow dirt and dust out of the main housing with dry air as often as dirt is seen collecting in and around the air vents. Wear approved eye protection and approved dust mask when performing this procedure.*

WARNING: *Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the materials used in these parts.*

Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

Optional Accessories

WARNING: *Since accessories, other than those offered by DEWALT, have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only DEWALT recommended accessories should be used with this product.*

Consult your dealer for further information on the appropriate accessories.

Protecting the Environment



Separate collection. Products and batteries marked with this symbol must not be disposed of with normal household waste.

Products and batteries contain materials that can be recovered or recycled reducing the demand for raw materials. Please recycle electrical products and batteries according to local provisions. Further information is available at **www.2helpU.com**.

Rechargeable Battery Pack

This long life battery pack must be recharged when it fails to produce sufficient power on jobs which were easily done before. At the end of its technical life, discard it with due care for our environment:

- Run the battery pack down completely, then remove it from the tool.
- Li-Ion cells are recyclable. Take them to your dealer or a local recycling station. The collected battery packs will be recycled or disposed of properly.

TOOL NAME
DCV501L

¡Enhorabuena!

Ha elegido una herramienta DEWALT. Años de experiencia, innovación y un exhaustivo desarrollo de productos hacen que DEWALT sea una de las empresas más fiables para los usuarios de herramientas eléctricas profesionales.

Datos técnicos

		DCV501L
Tipo		1
Fuente de alimentación		CC
Voltaje de batería	V CC	18
Alimentación	W	300
Volumen del tanque	L	0,7
Flujo de aire máximo	l/s	21,7
Presión negativa	kPa	9,4
Diámetro de la boquilla de la manguera	mm	31,8
Peso (sin batería)	kg	1,5
Valores de ruido y/o valores de vibración (suma de vectores triaxiales) de acuerdo con EN60335:		
L_{PA} (presión sonora)	dB(A)	75
L_{WA} (potencia acústica)	dB(A)	87
K_{WA} (incertidumbre de la potencia acústica)	dB(A)	2
Valor de emisión de las vibraciones en a_h =	m/s^2	< 2,5
Incertidumbre K =	m/s^2	0,5

El nivel de emisión de vibraciones y/o ruido que figura en esta hoja de información ha sido medido de conformidad con una prueba normalizada prevista en las normas EN60335-2-69 y puede utilizarse para comparar herramientas entre sí. Puede usarse para una evaluación preliminar de exposición.

ADVERTENCIA: *El nivel de emisión de vibraciones y/o ruido declarado representa las principales aplicaciones de la herramienta. Sin embargo, si se utiliza la herramienta para distintas aplicaciones, con accesorios diferentes o mal mantenidos, la emisión de vibraciones y/o ruido puede variar. Esto puede aumentar considerablemente el nivel de exposición durante el período total de trabajo.*

Una valoración del nivel de exposición a las vibraciones y/o ruido también debería tener en cuenta las veces en que la herramienta está apagada o en funcionamiento pero sin realizar ningún trabajo. Esto puede reducir considerablemente el nivel de exposición durante el periodo total de trabajo.

Identifique medidas de seguridad adicionales para proteger al operador de los efectos de las vibraciones y/o el ruido, como por ejemplo: efectuar el mantenimiento de la herramienta y los accesorios, mantener las manos calientes (relevante para las vibraciones) y organizar patrones de trabajo.

Declaración de Conformidad CE

Directriz de la Maquinaria

CE

ASPIRADORA SIN CABLE
DCV501L

declara que los productos descritos bajo ***Datos Técnicos*** son conformes a las normas:
2006/42/CE, EN.

Estos productos también son conformes con las Directivas 2014/30/UE y 2011/65/UE. Si desea más información, póngase en contacto con en la dirección indicada a continuación o bien consulte la parte posterior de este manual.

El que suscribe es responsable de la compilación del archivo técnico y realiza esta declaración en representación de .



Markus Rompel
Vicepresidente de Ingeniería, PTE-Europa
, Richard-Klinger-Strase 11,
D-65510, Idstein, Alemania
27.08.2021

GUARDE TODAS LAS ADVERTENCIAS E INSTRUCCIONES PARA FUTURAS CONSULTAS

ADVERTENCIA: *Para reducir el riesgo de lesiones, lea el manual de instrucciones.*

Definiciones: Pautas de seguridad

Las definiciones que figuran a continuación describen el nivel de gravedad correspondiente a cada término de señal. Lea el manual y preste atención a estos símbolos.

PELIGRO: *Indica una situación de peligro inminente que, si no se evita,* ***causará la muerte o lesiones graves****.*

ADVERTENCIA: *Indica una situación potencialmente peligrosa que, de no evitarse,* ***podría*** *ocasionar* ***la muerte o una lesión grave****.*

PRECAUCIÓN: *Indica una situación potencialmente peligrosa que, de no evitarse,* ***puede*** *ocasionar* ***una lesión de poca o moderada gravedad****.*