



Cleaners

Keep clean Stay healthy



AWS



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Icon



Variable Speed



Built-in Job Light



SDS-PLUS Shank



Revolving Hose



Soft Start



Torque Limiter



Static Free Hose



Electronic 3-Speed



Dust Collection



Double Insulation



Stainless Tank



Carrying Case



Electronic 2-Speed



Reversing

Cordless Slide
Compound Miter Saw
DLS111

AWS
Auto - start Wireless System

Switch on the tool



Vacuum cleaner
is activated

Cordless Plunge Cut Saw
DSP601

Cordless Angle Grinder
DGA512

Cordless Rotary Hammer
DHR400

Cordless Vacuum Cleaner
DVC864L

Vacuum cleaner can be
activated by Cordless tools
with our newly developed
wireless unit.



AWS connects to power tool with Bluetooth

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Cordless Vacuum Cleaner



▲ DVC864L only



DVC864L (only Dry / HEPA filter / AWS)

DVC862L (Wet & Dry) / DVC863L (only Dry / HEPA filter)

- Auto-Start Wireless System (AWS) Connects to Power Tool with Bluetooth(DVC864L)
- Two 18V LXT Li-Ion batteries & BL motor deliver the power and performance
- HEPA Filter is used to capture very fine particles effectively

Max air flow
2.1m³/ min

Max sealed suction
9.8kPa

(with two batteries BL1850B, suction power mode: 5, hose 38-25)



DVC864L

DVC862L / DVC863L

Continuous run time
40min
(with BL1850B)

Cordless Vacuum Cleaner with AC Adapter

DVC860L (Wet & Dry) / DVC861L (only Dry / HEPA filter)



AC

Max air flow
3.6m³/ min

Max sealed suction
24kPa

(with Powerful 1,050W motor, hose 38-25)

DC

Max air flow
2.1m³/ min

Max sealed suction
9kPa

(with two batteries BL1850B, suction power mode: 5, hose 38-25)



Continuous run time
65min
(with BL1850B)

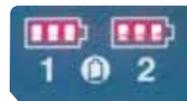
HEPA filter

DVC864L / DVC863L / DVC861L

Able to capture 99.97% of particles as small as 0.3-1µm

Dual battery fuel gauge

indicates the power remaining in each battery individually in 3 stages with 3 LEDs.



Variable suction power control by dial

Suction power is variably adjustable.

Large on-off switch

- allows for easy on/off switching.
- functions only when Main power switch is on to prevent accidental switch-on during transportation, etc.



spec

Standard Equipment:

DVC860L: Connection cord, Tool box, Hose complete 38-2.5, Poly bag set, Straight pipe, Bending pipe, Corner nozzle, Nozzle assembly

DVC861L: Connection cord, Tool box, Hose complete 38-2.5, Hose complete 28-3.5 (with front cuffs 38), Front cuffs 22, Front cuffs 24, Poly bag set, Straight pipe, Bending pipe, Corner nozzle, Nozzle assembly

DVC862L / DVC863L / DVC864L: Floor Nozzle, Corner Nozzle, Straight Pipe, Bent Pipe, Hose (38mm-2.5m), Plastic Dust Bag, Plastic Dust Bag x10, Cloth Filter, Tool Box, Battery, Charger

	Li-Ion Ah					
	6.0	5.0	4.0	3.0	2.0	1.5
Capacity	DVC862L Dust / Water: 8 / 6 L with BL1850B x2: 40		DVC863L / DVC864L Dust / Water: 8 L with BL1850B x2: 40		DVC860L Dust / Water: 8 / 6 L with BL1850B x2: 65	
Continuous Use (min.)	2.1 m ³ /min		2.1 m ³ /min		3.6 / 2.1 m ³ /min AC / DC: 24 / 9 kPa	
Max Air Flow*	2.1 m ³ /min		2.1 m ³ /min		3.6 / 2.1 m ³ /min AC / DC: 24 / 9 kPa	
Max Sealed Suction*	9.8 kPa		9.8 kPa		2.5 m/s ² or less 75 dB(A)	
Vibration Level	2.5 m/s ² or less		2.5 m/s ² or less		2.5 m/s ² or less	
Sound Pressure Level	70 dB(A) or less		70 dB(A) or less		75 dB(A)	
Dimensions (L x W x H)	366x334x368 mm (14-3/8"x13-1/8"x14-1/2")		366x334x368 mm (14-3/8"x13-1/8"x14-1/2")		366x334x368 mm (14-3/8"x13-1/8"x14-1/2")	
Net weight	7.0 - 7.6 kg (15.5 - 16.8 lbs)		7.7 - 8.4 kg (17.1 - 18.4 lbs)		8.6 - 9.2 kg (19.0 - 20.3 lbs)	

*with hose 38-25



DVC862L / DVC863L / DVC864L



DVC860L / DVC861L

Cordless Backpack Vacuum Cleaner

DVC260

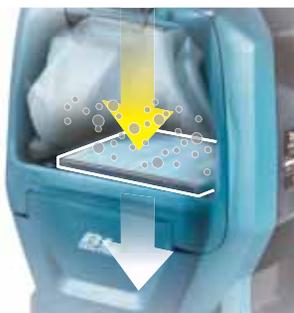


Max air flow
1.5m³ / min

Max sealed suction
7.1 kPa

HEPA filter

Able to capture 99.97% of particles as small as 0.3-1 μm



Comfortable harness



featuring shoulder and waist belts adjustable to suit user's size for less fatigue even after long continuous operation

Controller



- OFF switch
- High/ Low power selection
- ON-OFF switch for LED job light

spec



Li-Ion Ah 6.0 5.0 4.0 3.0 2.0 1.5

DVC260

Capacity	Filter bag / Paper dust bag: 2.0 / 2.0 L Cloth dust bag: 1.5 L
Continuous Use (min.)	with BL1850B (High): 60 with BL1850B (Low): 90
Max Air Flow	1.5 m ³ /min
Max Sealed Suction*	7.1 kPa (724 mmH ₂ O)
Vibration Level	Operation without Load: 2.5 m/s ² or less
Sound Pressure Level	70 dB(A) or less
Dimensions (L x W x H)	230x152x373 mm (9"x6"x14-3/4")
Net weight	3.8 - 4.3 kg (8.5 - 9.6 lbs)

Long run time
90min
(with BL1850B)

Light and Comfortable
3.8kg
(with BL1820B)

18V



Standard Equipment : Floor Nozzle, Free Nozzle, Extension Wand, Hose, Bent Pipe, Hose Band, Filter Bag, Battery, Charger

Cordless Vacuum Cleaner

DVC350

Cordless design for portability

- Convenient for use with Makita cordless tools.
- Variable switch provides High/Low air volume settings.
- Shoulder belt can be easily slung over your shoulder for added mobility.
- 2 functions in 1 machine convertible into a blower by attaching nozzle assembly.



spec

Li-Ion Ah 6.0 5.0 4.0 3.0 2.0 1.5

DVC350

Max Air Flow	1.4 m ³ /min
Max Sealed Suction (water column)*	6.0 kPa (612 mmH ₂ O)
Recoverable capacity	Dust : 3.0 L (0.8 gal)
Dimensions (L x W x H)	273x195x226 mm (10-3/4"x7-5/8"x8-7/8")
Net weight	2.2 - 2.4 kg (4.8 - 5.3 lbs)



Standard Equipment : Charger, Battery, Nozzle assembly, Dust bag assembly, Hose, Shoulder Belt

Continuous run time
High mode
20min
(with BL1850B)

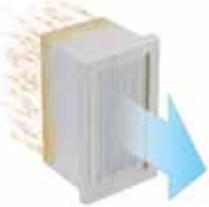
Light and Comfortable
2.2kg
(with BL1820B)

Self Dust Extraction System

CLEAN

Dust Extraction System

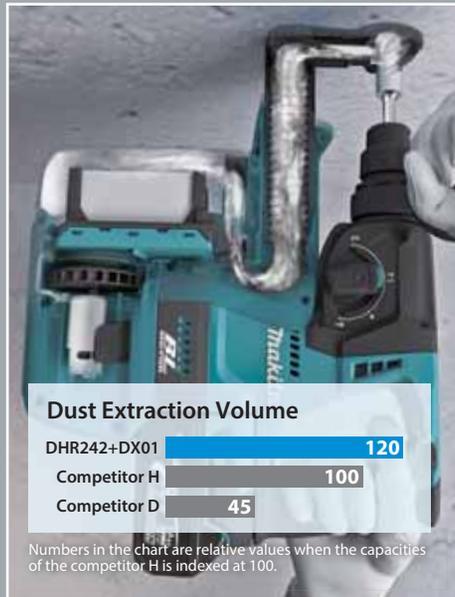
This system is designed to collect dust effectively with the on-off operation of the tool's on-off trigger switch interlocked with this system.



HEPA filter

HEPA Filter

High Efficiency Particulate Air filter is widely regarded as ultimate filter that traps all sizes of particles with an efficiency rating of 99.75%.



Dust Extraction Volume

DHR242+DX01	120
Competitor H	100
Competitor D	45

Numbers in the chart are relative values when the capacities of the competitor H is indexed at 100.



Lightweight

Total weight of machine + Dust extraction system:
DHR242+DX01; 4.6kg (10.2lbs)
DHR243+DX02; 4.8kg (10.6lbs)



Dust Box

Large dust box cover can be opened simply by pushing a single push button for easy dust cleaning.

Cordless Combination Hammer



DHR242 / DHR243

18V LXT BL Brushless Cordless 24 mm (15/16") Combination Hammer, SDS-PLUS Bits

· Lightweight, 3-Mode Rotary Hammer



spec

	DHR242	DHR243 Quick Change Chuck	Li-Ion Ah
Impact Energy	2J	2J	6.0 5.0 4.0 3.0 2.0 1.5
Capacity	Concrete: 24 mm (15/16") / Steel: 13 mm (1/2") / Wood: 27 mm (1-1/16")	Concrete: 24 mm (15/16") / Steel: 13 mm (1/2") / Wood: 27 mm (1-1/16")	
Blows Per Minute (BPM)	0 - 4,700	0 - 4,700	
No Load Speed (RPM)	0 - 950	0 - 950	
Sound Pressure Level	90 dB(A)	89 dB(A)	
Sound Power Level	101 dB(A)	100 dB(A)	
Vibration Level	Hammer Drilling Into Concrete: 13.5 m/s ²	Hammer Drilling Into Concrete: 13 m/s ²	
Dimensions (L x W x H)	328x85x213 mm (12-7/8"x3-3/8"x8-3/8")	353x85x213 mm (13-7/8"x3-3/8"x8-3/8")	
Net weight	3.1 - 3.8 kg (6.7 - 8.4 lbs)	3.2 - 3.7 kg (6.9 - 8.3 lbs)	



Standard Equipment : Charger, Battery, Depth Gauge, Side Grip

Combination Hammer

HR2651T / HR2650 / HR2651 / HR2661

26 mm (1") 2.2 J Combination Hammer with HEPA Self Dust Extraction, SDS-PLUS Bits

· Dust collecting port on telescopic guide with a sliding range of 190 mm enables to accept longer drill bits
· Secure connection between dust case and dust collecting section for less dust leakage



spec

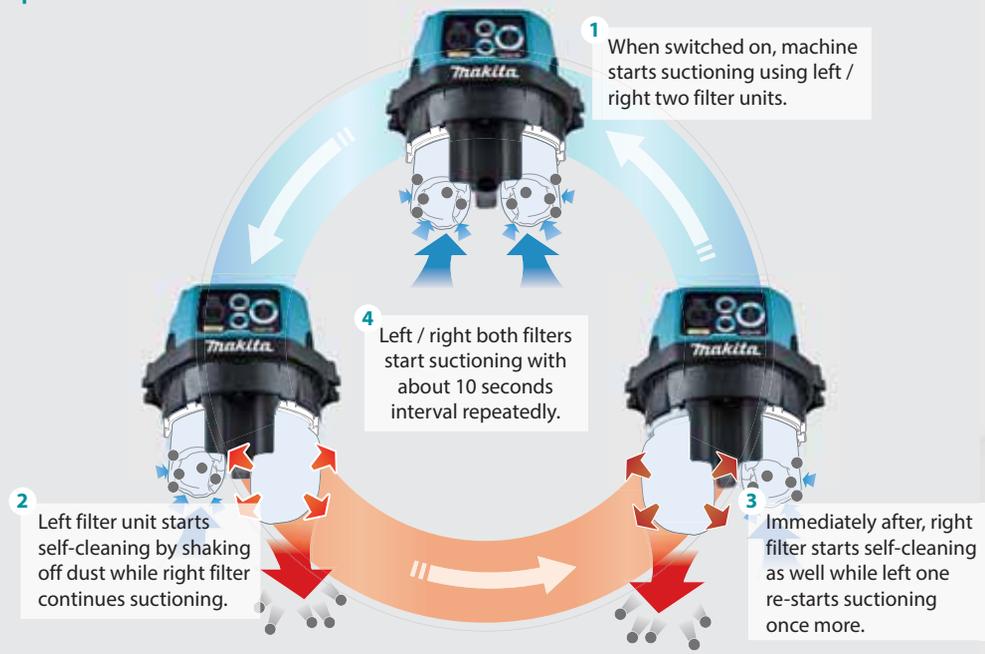
	HR2651T AVT Quick Change Chuck	HR2650	HR2651 AVT	HR2661 AVT
Continuous rating input	800W	800W	800W	800W
Impact Energy	EPTA-Procedure 05/2009: 2.2 J Our experimental conditions: 2.9 J	EPTA-Procedure 05/2009: 2.2 J Our experimental conditions: 2.9 J	EPTA-Procedure 05/2009: 2.2 J Our experimental conditions: 2.9 J	EPTA-Procedure 05/2009: 2.2 J Our experimental conditions: 2.9 J
Capacity	Concrete: 26 mm (1") / Core Bit: 68 mm (2-11/16") Diamond Core Bit (Dry Type): 80 mm (3-1/8") Steel: 13 mm (1/2") / Wood: 32 mm (1-1/4")	Concrete: 26 mm (1") / Core Bit: 68 mm (2-11/16") Diamond Core Bit (Dry Type): 80 mm (3-1/8") Steel: 13 mm (1/2") / Wood: 32 mm (1-1/4")	Concrete: 26 mm (1") / Core Bit: 68 mm (2-11/16") Diamond Core Bit (Dry Type): 80 mm (3-1/8") Steel: 13 mm (1/2") / Wood: 32 mm (1-1/4")	Concrete: 26 mm (1") / Core Bit: 68 mm (2-11/16") Diamond Core Bit (Dry Type): 80 mm (3-1/8") Steel: 13 mm (1/2") / Wood: 32 mm (1-1/4")
Blows Per Minute (BPM)	0 - 4,600	0 - 4,600	0 - 4,600	0 - 4,500
No Load Speed (RPM)	0 - 1,200	0 - 1,200	0 - 1,200	0 - 1,100
Sound Pressure Level	92 dB(A)	91 dB(A)	92 dB(A)	90 dB(A)
Sound Power Level	103 dB(A)	102 dB(A)	103 dB(A)	101 dB(A)
Vibration Level	Hammer Drilling Into Concrete: 11.5 m/s ²	Hammer Drilling Into Concrete: 12.5 m/s ²	Hammer Drilling Into Concrete: 11.5 m/s ²	Hammer Drilling Into Concrete: 9.5 m/s ²
Net weight	3.2 - 4.4 kg (7.1 - 9.7 lbs)	3.0 - 4.1 kg (6.7 - 9.1 lbs)	3.1 - 4.2 kg (6.9 - 9.3 lbs)	3.3 - 4.4 kg (7.3 - 9.7 lbs)
Power supply cord	2.5 m (8.2 ft.)			



Standard Equipment : Side Grip, Depth Gauge, Sealing Cap

Automatic Self-cleaning Filtration System achieved by two filter units

Constantly high suction power throughout operation because dust is removed from Prefilters every 10 seconds during operation.



Vacuum Cleaner (Wet & Dry)

VC3211H / VC3211M

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GYUPPA!

32 L Dust Class H GYUPPA Vacuum Cleaner (Wet & Dry)

- GYUPPA automatic self-cleaning twin filter of our unique design removes dust from prefilters during operation
- Approved for Dust Class H in accordance with the EU standard
- High maneuverability and easy mobility thanks to 32 Liter compact stainless steel tank
- 32L Large dust bag capacity enables continuous cleaning work
- Best suitable for working with power tools



	VC3211H	VC3211M
Continuous rating input	1,050W	1,050W
Max peak air flow	2.0 m ³ / min*	2.0 m ³ / min*
	3.5 m ³ / min**	3.5 m ³ / min**
Max Sealed Suction (water column)	22.0 kPa (2,240 mmH ₂ O)	22.0 kPa (2,240 mmH ₂ O)
Tank capacity	Dust : 32 L	Dust : 32 L
	Water : 27 L	Water : 27 L
Dimensions (L x W x H)	552x398x685 mm (21-3/4"x15-5/8"x27")	552x398x685 mm (21-3/4"x15-5/8"x27")
Net weight	16.9 kg (37.3 lbs)	16.9 kg (37.3 lbs)
Power supply cord	5.0 m (16.4 ft)	5.0 m (16.4 ft)



Standard Equipment : Hose, Front Cuffs (22, 24, 38), Belt Hook, Hose Band, Cap, Poly bag set

Vacuum Cleaner (Wet & Dry)

VC2211M

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GYUPPA!

22 L Dust Class M GYUPPA Vacuum Cleaner (Wet & Dry)

- GYUPPA automatic self-cleaning twin filter of our unique design removes dust from prefilters during operation
- Approved for Dust Class M in accordance with the EU standard
- High maneuverability and easy mobility thanks to 22 Liter compact stainless steel tank
- 22L Large dust bag capacity enables continuous cleaning work
- Best suitable for working with power tools



	VC2211M
Continuous rating input	1,050W
Max peak air flow	2.0 m ³ / min*
	3.5 m ³ / min**
Max Sealed Suction (water column)	22.0 kPa (2,240 mmH ₂ O)
Tank capacity	Dust : 22 L
	Water : 17 L
Dimensions (L x W x H)	552x398x569 mm (21-3/4"x15-5/8"x22-3/8")
Net weight	16.3 kg (35.9 lbs)
Power supply cord	5.0 m (16.4 ft)



Standard Equipment : Hose, Front Cuffs (22, 24, 38), Belt Hook, Hose Band, Cap, Poly bag 800x650, Poly bag set (incl. 10 pcs of Poly bag 800x650)

Vacuum Cleaner (Wet & Dry)

VC2201M



GYUPPA!

22 L Dust Class M GYUPPA Vacuum Cleaner (Wet & Dry)

- Wet & Dry compact vacuum cleaner without power tool activation, based on Model VC2211M
- GYUPPA automatic self-cleaning twin filter of our unique design removes dust from prefilters during operation
- Approved for Dust Class M in accordance with the EU standard
- High maneuverability and easy mobility thanks to 22 Liter compact stainless steel tank
- 22L Large dust bag capacity enables continuous cleaning work

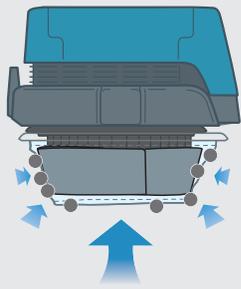
	VC2201M
Max peak air flow	2.0 m ³ / min*
	3.5 m ³ / min**
Max Sealed Suction (water column)	22.0 kPa (2,240 mmH ₂ O)
Tank capacity	Dust : 22 L
	Water : 17 L
Dimensions (L x W x H)	552x398x569 mm (21-3/4"x15-5/8"x22-3/8")
Net weight	16.0 kg (35.4 lbs)
Power supply cord	5.0 m (16.4 ft)



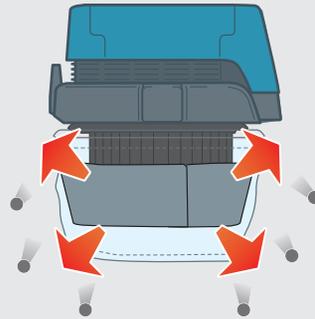
Standard Equipment : Hose, Front Cuffs (22, 24, 38), Cap, Poly bag 800x650, Poly bag set (incl. 10 pcs of Poly bag 800x650)

Automatic self-cleaning filter (VC1310L, VC2510L, VC3210L)

obtained by Triple filter structure composed of : Powder filter + Damper + Prefilter



When the power is switched on, Prefilter collapses into itself to compress Damper, and fits closely over Damper and Powder filter.



When the power is switched off, Damper expands back to its original size and shakes off dust from Prefilter automatically with its expanding power.

Powder filter

Damper

Prefilter



Allows for:

Constantly high suction power

Easy filter cleaning simply by tapping dust off of Prefilter

Quiet cleaning because Damper and Prefilter make no noise

Vacuum Cleaner (Wet & Dry)

VC3210L

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GYUPPA!

32 L Dust Class L GYUPPA Vacuum Cleaner (Wet & Dry)

- GYUPPA automatic self-cleaning filter of our unique design allows for constantly high suction power
- Easy filter cleaning simply by tapping dust off of prefilter
- Quiet cleaning because Damper and Prefilter make no noise
- Powerful 1,050 W motor generates 3.5 m³/min of Max air flow / 22 kPa of Max sealed suction
- Approved for Dust Class L in accordance with the EU standard



	VC3210L
Continuous rating input	1,050W
Max peak air flow	2.0 m ³ / min*
	3.5m ³ / min**
Max Sealed Suction (water column)	22.0 kPa (2,240 mmH ₂ O)
Tank capacity	Dust : 32 L Water : 27 L
Dimensions (L x W x H)	552x398x685 mm (21-3/4"x15-5/8"x27")
Net weight	14.5 kg (32.0 lbs)
Power supply cord	5.0 m (16.4 ft)



Standard Equipment : Hose, Holder 10-33, Front Cuffs (22, 24, 38), Poly bag set

Vacuum Cleaner (Wet & Dry)

VC2510L

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GYUPPA!

25 L Dust Class L GYUPPA Vacuum Cleaner (Wet & Dry)

- GYUPPA automatic self-cleaning filter of our unique design allows for constantly high suction power
- Easy filter cleaning simply by tapping dust off of prefilter
- Quiet cleaning because Damper and Prefilter make no noise
- Powerful 1,050 W motor generates 3.5 m³/min of Max air flow / 22 kPa of Max sealed suction
- Approved for Dust Class L in accordance with the EU standard



	VC2510L
Continuous rating input	1,050W
Max peak air flow	2.0 m ³ / min*
	3.5m ³ / min**
Max Sealed Suction (water column)	22.0 kPa (2,240 mmH ₂ O)
Tank capacity	Dust : 25 L Water : 14 L
Dimensions (L x W x H)	432x416x451 mm (17"x16-3/8"x17-3/4")
Net weight	10.5 kg (23.2 lbs)
Power supply cord	5.0 m (16.4 ft)



Standard Equipment : Hose, Holder 10-33, Front Cuffs (22, 24, 38), Poly bag set

Vacuum Cleaner (Wet & Dry)

VC1310L

173



GYUPPA!

13 L Dust Class L GYUPPA Vacuum Cleaner (Wet & Dry)

- GYUPPA automatic self-cleaning filter of our unique design allows for constantly high suction power
- Easy filter cleaning simply by tapping dust off of prefilter
- Quiet cleaning because Damper and Prefilter make no noise
- Powerful 1,050 W motor generates 3.5 m³/min of Max air flow / 22 kPa of Max sealed suction
- Approved for Dust Class L in accordance with the EU standard



	VC1310L
Continuous rating input	1,050W
Max peak air flow	2.0 m ³ / min*
	3.5m ³ / min**
Max Sealed Suction (water column)	22.0 kPa (2,240 mmH ₂ O)
Tank capacity	Dust : 13 L Water : 7 L
Dimensions (L x W x H)	366x334x420 mm (14-3/8"x13-1/8"x16-1/2")
Net weight	9.6 kg (21.2 lbs)
Power supply cord	5.0 m (16.4 ft)



Standard Equipment : Hose, Holder 10-33, Front Cuffs (22, 24, 38), Poly bag set

Vacuum Cleaner (Wet & Dry)

VC4210L EU Dust Class L **VC4210M** EU Dust Class M

High performance. 1.400 W motor and high airflow will pick up even heavy debris

- MAKPAC holder in serial. Easy to clip the box on top of the machine.
- A power outlet with Auto/On/Off function is on both models with a max. socket load of 2.400 Watt.
- When working with electric drilling, sanding or cutting tools the automatic start/stop function activates the machine when a connected power tool is used.
- LED warning for air flow sensor system.
- New suction unit and re-designed filter system keeps cleaning performance at a higher level - even after repeated container fillings in demanding fine dust applications.
- Long-life filter bag made of washable micro-fiber material with high filtration level. Can easily be emptied and re-used.
- PTFE(Upstream Main filter) Flat filter protects the turbine by holding back fine dust & debris
- Infini Clean system(Automatic filter cleaning system) all 15 seconds it clean the filter
- PET filter cartridge for high-grade filtration of motor cooling air.
- Offers extra protection of motor turbine and electronic parts.



VC4210L

VC4210M

spec

Standard Equipment :

4 m-32mm hose, Quickcoupling, Universal Powertool adapter x2, Fleece filter bag, Disposal bag, Chrome Hand tube, 3 x 30 cm metal tubes, Floor nozzle wet + dry, Crevice nozzle, Makpac holder (already fixed on the serial machine)

	VC4210L / M
EU dust class	L / M
Continuous rating Input	1,400W
Max. peak air flow	4.5 m ³ /min
Max. sealed suction	25.0kPa
Tank capacity	Dust : 34L Water :30L
Sound level	60dB(A)
Dimensions (L x W x H)	565x385x605
Net Weight	16.0kg (35.3lbs)
Power supply cord	7.5m (24.6ft)

Vacuum Cleaner (Wet & Dry)

VC3012L EU Dust Class L **VC3012M** EU Dust Class M

Push & Clean Semi-automatic filter cleaning system for extended operating time and filter life.

- When working with electric drilling, sanding or cutting tools the automatic start/stop function activates the machine when a connected power tool is used.
- For wet and dry vacuum cleaning.
- Washable PET fleece filter for use with dry or wet materials.
- Convenient integrated carry handle for easier transportation.
- Innovative hose storage solution with flexible rubber strap.
- Simple connection to Makita Power Tools



VC3012L

VC3012M

spec

Standard Equipment :

4 m-32mm AS hose black, New power tool adapter, 36mm/38mm AS Quick New Quickcoupling, Fleece filter bag, Disposal bag, Chrome Hand tube, Metal tubes (30cm), Floor nozzle wet/dry, Crevice nozzle, Tube holder (Snap), Tube holder (Hook)

	VC3012L / M
EU dust class	L / M
Continuous rating Input	1,500W
Max. peak air flow	3.7 m ³ /min
Max. sealed suction	25.0kPa
Tank capacity	Dust : 24L Water :19L
Sound level	59dB(A)
Dimensions (L x W x H)	450x380x595
Net Weight	11.0kg (25.3lbs)
Power supply cord	7.5m (24.6ft)

Vacuum Cleaner (Wet & Dry)

VC2012L / VC2512L / VC3011L EU Dust Class L

Durable stainless steel tank. (VC3011L,VC2012L)

- Push & Clean Semi-automatic filter cleaning system for extended operating time and filter life.
- When working with electric drilling, sanding or cutting tools the automatic start/stop function activates the machine when a connected power tool is used.
- For wet and dry vacuum cleaning.
- Washable PET fleece filter for use with dry or wet materials.
- Convenient integrated carry handle for easier transportation.
- Innovative hose storage solution with flexible rubber strap.
- Simple connection to Makita Power Tools



VC2012L

VC2512L

VC3011L

spec

Standard Equipment :

VC3011L : Hose 3.5m, Crevice nozzle, Tool adapter, Tool box, Floor nozzle, Aluminum tube, Fleece-filter bag, Disposal bag

VC2512L, VC2012L : Hose 3.5m, Hand tube, Crevice nozzle, Floor nozzle, Tool adapter, Aluminum tube, Fleece-filterbag, Disposal bag

	VC2012L	VC2512L	VC3011L
EU dust class	L	L	L
Continuous rating Input	1,000W	1,000W	1,000W
Max. peak air flow	3.6 m ³ /min	3.6 m ³ /min	3.6 m ³ /min
Max. sealed suction	21.0kPa	21.0kPa	21.0kPa
Tank capacity	Dust : 15L Water : 12L	Dust : 21L Water : 18L	Dust : 26L Water : 23L
Sound level	72dB(A)	72dB(A)	72dB(A)
Dimensions (L x W x H)	371x390x495	375x390x530	390x400x635
Net Weight	7.0 kg (15.5 lbs.)	7.0 kg (15.5 lbs.)	9.0kg (19.9lbs)
Power supply cord	7.5m (24.6ft)	5 m (16.4 ft)	7.5m (24.6ft)

Growing Concern About Dust Hazardous to Health

Recently more and more people are showing their stronger interest in hazardous dusts which may cause the sickness of the nose, the throat, the lungs and the skins. Some fine dusts may cause lung cancer once accumulated inside the body.

Dust classes in accordance with the EU standard

Since 1997, hazardous dusts have been categorized into 3 (three) classes, namely, Class L, Class M and Class H, which is regulated by IEC60335-2-69 (world wide) and by EN 60335-2-69. The vacuum cleaners suitable for each of dust class have been also defined by these regulations as follows :

Dust class	Model No.	Definition Of Dust	Major requirement	Dust permeability ^{*4}
H	VC3211H	*OEL values >0.1mg/m³ all kinds of dusts caused cancer, disease.	<ul style="list-style-type: none"> • Air flow sensor • Filter protection structure ^{*1} • Structure that requires a tool for filter removal/installation ^{*2} • Structure that protects users from exposure to dust when emptying dust bag ^{*3} 	less than 0.005%
M	VC3211M, VC2211M, VC4210M, VC3012M,	*OEL values >0.1mg/m³ as well as saw dust	<ul style="list-style-type: none"> • Air flow sensor • Filter protection structure ^{*1} 	less than 0.1%
L	VC1310L, VC2510L, VC3210L, DVC860L, DVC861L, DVC862L, DVC863L, DVC864L VC4210L, VC2012L, VC2512L, VC3011L, VC3012L	*OEL values >1mg/m³		less than 1%

HEPA filter

Apart from the above standard regulated by IEC/EN 60335-2-69, "HEPA" is widely recognized as one of famous guidelines of the filtration efficiency.

According to this standard, the filter of "HEPA " should remove more than 99.75% of airborne particles of 0.3µm in diameter. Thus, it stipulates only a filtration efficiency of the filter itself , while IEC/EN60335-2-69 defines the vacuum machine suitable for each dust class (construction, mechanical strength of machine) as well as its dust permeability.

In this sense, Dust Class H vacuum cleaner does not always have to be equipped with HEPA filter as long as it meets the requirements of IEC/EN60335-2-69.

Another difference between HEPA testing methods and the IEC/EN60335-2-69 is the dust loading.

Filter elements for dust classes M and H are to be tested with the limestone dust particles in large quantities for checking the physical strength of filter, while HEPA tests are done with very small liquid droplets.

^{*} OEL : Occupation Exposure Limit
In dirty indoor environment with high activity , such as schools, the average values of OEL are measured 0.5mg/m³. In case of "non-activity place", 0.15mg/m³ in office and 0.2mg/m³ in school are measured in average.

^{*1} Filters should be protected from sharp objects such as nails when they are accidentally sucked up. The solution for VC3211M/ VC3211H is a protector for the filter units.

^{*2} Filters loaded with dust should not be easily removed. The solution for VC3211H is a screw that locks the filter unit lock lever to the lock plate.

^{*3} Dust should be prevented from flying around when emptying dust bags or replacing filters. The solution for VC3211H is the filter bag already available as an optional accessory of VC3211M.

^{*4} Permeability of limestone (marble) particles having a diameter of 5 microns or less, in accordance with the EU standard

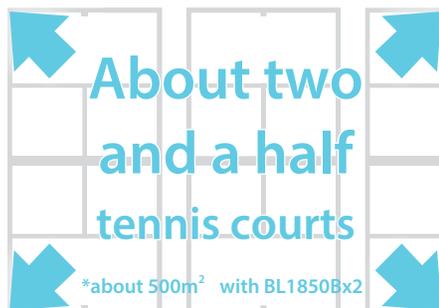
Makita's Intelligent Robotic Cleaner

provides tomorrow's advanced cleaning today for office buildings, warehouses or stores.



Powered by two 18V Li-ion battery

With BL1850Bx2, able to clean surface area of



Large side brushes + Large power brush

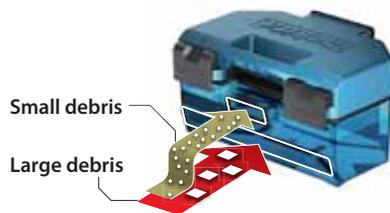


Side brushes enable to clean alongside walls, around obstacles or tight corners in either of pattern/ random.

ø50mm x 260mm Large power rotating brush

Dust box with 2.5L capacity

Dual compartment structure - one for small debris, the other for large debris - is ideal for commercial use.



Vacuum fan sucks up small debris into upper compartment.

Power brush picks up large debris into lower compartment.

spec // DRC200



18 V LXT BL Brushless Robotic Cleaner

- Makita's Intelligent Robotic Cleaner For Commercial / Industrial Use
- Automatic Cleaning thanks to many sensors with selectable two running modes: Random Mode Cleaning / Pattern Mode Cleaning
- Cleaning Area Setting Function enables user to define a cleaning area.
- Able to clean an area of 300 m² per 120 min with a coverage rate of 80% (two BL1830B in parallel)

18V

Li-Ion Ah 6.0 5.0 4.0 3.0 2.0 1.5

DRC200

Continuous Use (min.)	with BL1850B x2: 200 with BL1830B x2: 120
Max cleaning area	with BL1850B x2: 500 m ² with BL1830B x2: 300 m ²
Max running speed	0.3 m/sec
Dust Box Capacity	2.5 L
Dimensions (L x W x H)	460x460x180 mm (18-1/8"x18-1/8"x7-1/8")
Net weight	7.8 kg (16.1 lbs)

Standard Equipment : Wireless remote controller (including two AAA alkaline batteries), Side Brush, Boundary Tape

Cordless Cleaner

Battery

7.2V



10.8V

Built-in Battery

12V_{max}

CXT Fast Charging



Capsule type



No need to use paper bag. This is a cost saving for repeated use.

Filter +
Pre filter

Easy shake off
dust filter



Trigger switch



Provides quick on/off control, saving battery consumption.

CL070D



Max Air Flow

1.2m³/min

Max Sealed Suction

2.2kPa

CL111D 1.5Ah



Max Air Flow

1.4m³/min

Max Sealed Suction

3.4kPa

CL106FD



Max Air Flow

1.3m³/min

Max Sealed Suction

3.1kPa



Paper bag type



Dust disposal can be cleaner and simpler with disposable paper dust bag.

Paper filter

Dust bag



Hygienic dust disposal thanks to antibacterial paper

Repeatedly usable

One touch switch



Allows for continuous running to make your grip hand free to grab a desired position of the grip, enabling easy cleaning of stairs, high or tight places.

CL072D



Max Air Flow

1.1m³/min

Max Sealed Suction

2.1kPa



CL104D 1.5Ah
CL105D 1.3Ah



Max Air Flow

1.3m³/min

Max Sealed Suction

3.2kPa



CL107FD



Max Air Flow

1.4m³/min

Max Sealed Suction

5.0kPa



18V

LXT Fast Charging



18V



18V

LXT Fast Charging



DCL180



Max Air Flow

1.4m³/min

Max Sealed Suction

4.2kPa

CL183D



Max Air Flow

1.3m³/min

Max Sealed Suction

2.6kPa

Capsule type



No need to use paper bag. This is a cost saving for repeated use.

Filter + Pre filter or Easy shake off dust filter



One touch switch



Allows for continuous running to make your grip hand free to grab a desired position of the grip, enabling easy cleaning of stairs, high or tight places.

DCL181F



Max Air Flow

1.4m³/min

Max Sealed Suction

5.3kPa



DCL182



Max Air Flow

1.4m³/min

Max Sealed Suction

5.4kPa



Home

Building

Built-in Job Light

Electronic 2-Speed

Electronic 3-Speed

Cordless Cyclone Cleaner

DCL501

Long lasting powerful suction

Cyclonic system separates large dust particles from fine dust particles so that only fine dust particles are captured on the filter to reduce clogging for longer powerful suction. HEPA filter* is used for clean environments.



Max Air Flow

1.2m³/min

Max Sealed Suction

10kPa



Cordless Cleaner

Color

18V

LXT

Fast Charging

DCL180 / DCL182 / DCL181F



Li-Ion Ah 6.0 5.0 4.0 3.0 2.0 1.5

	DCL180	DCL182	DCL181F
Capacity	650 mL	Dust Bag: 500 mL Paper Pack: 330 mL	650 mL
Continuous Use (min.)	with BL1830B: 20	with BL1850B (High): 33 with BL1850B (Low): 66	with BL1830B (High): 20 with BL1830B (Low): 40
Max Air Flow	1.4 m ³ /min	1.4 m ³ /min	1.4 m ³ /min
Max Sealed Suction (water column)	4.2 kPa (428 mmH ₂ O)	5.4 kPa (551 mmH ₂ O)	5.3 kPa (540 mmH ₂ O)
Dimensions (L x W x H)	999x114x152 mm (39-1/4"x4-1/2"x6")	1,004x115x151 mm (39-1/2"x4-1/2"x5-15/16")	999x114x152 mm (39-1/4"x4-1/2"x6")
Net weight	1.2 kg (2.7 lbs)	1.3 kg (2.8 lbs)	1.2 kg (2.7 lbs.)

Floor T-Nozzle28, Sash Nozzle, Sash Nozzle Holder, Pipe, Battery, Charger

DCL181F / DCL182 Filter, Prefilter

DCL180 / DCL181F Dust Bag, Paper Dust Bag

18V

CL183D



Li-Ion Ah 1.5

	CL183D
Capacity	600 mL
Continuous Use (min.)	24
Max Air Flow	1.3 m ³ /min
Max Sealed Suction	2.6 kPa
(water column)	(265 mmH ₂ O)
Dimensions (L x W x H)	966x102x148 mm (38"x4"x5-7/8")
Net weight	1.1 kg (2.5 lbs)

Floor T-Nozzle28, Sash Nozzle, Sash Nozzle Holder, Pipe, Filter, Prefilter, Battery, Charger

12V_{max}

CXT

Fast Charging

CL106FD / CL107FD



Li-Ion Ah 4.0 2.0 1.5

	CL106FD	CL107FD
Capacity	600 mL	Dust Bag: 500 mL Paper Pack: 330 mL
Continuous Use (min.)	with BL1041B: 42	Max: 20 / High: 24 / Normal: 50
Max Air Flow	1.3 m ³ /min	1.4 m ³ /min
Max Sealed Suction	3.1 kPa	5.0 kPa
(water column)	(316 mmH ₂ O)	(510 mmH ₂ O)
Dimensions (L x W x H)	958x100x150 mm (37-3/4"x3-15/16"x5-7/8")	960x112x150 mm (37-3/4"x4-3/8"x5-7/8")
Net weight	1.0 - 1.1 kg (2.1 - 2.5 lbs)	1.1 - 1.3 kg (2.5 - 2.9 lbs)

Floor T-Nozzle28, Sash Nozzle, Sash Nozzle Holder, Pipe, Battery, Charger

CL106FD Filter, Prefilter

CL107FD Dust Bag, Paper Dust Bag

10.8V

Built-in Battery

CL111D (1.5Ah) / CL104D (1.5Ah) / CL105D (1.3Ah)



Li-Ion Ah 1.5

	CL111D	CL104D	CL105D
Capacity	560 mL	Dust Bag: 500 mL Paper Pack: 330 mL	Dust Bag: 500 mL Paper Pack: 330 mL
Continuous Use (min.)	12	Turbo / High / Low: 10 / 15 / 30	Turbo / High / Low: 7 / 10 / 20
Max Air Flow	1.4 m ³ /min	1.3 m ³ /min	1.3 m ³ /min
Max Sealed Suction	3.4 kPa	3.2 kPa	3.2 kPa
(water column)	(350 mmH ₂ O)	(326 mmH ₂ O)	(326 mmH ₂ O)
Dimensions (L x W x H)	906x102x109 mm (35-3/4"x4"x4-1/4")	983x113x136 mm (38-3/4"x4-7/16"x5-3/8")	983x113x136 mm (38-3/4"x4-7/16"x5-3/8")
Net weight	0.94 kg (2.1 lbs.)	1.1 kg (2.3 lbs)	1.1 kg (2.3 lbs)

Sash Nozzle, Sash Nozzle Holder, Pipe, Charger

CL111D Floor / Carpet T-Nozzle, Filter, Prefilter

CL104D / CL105D Floor T-Nozzle28, Dust Bag, Paper Dust Bag

7.2V

CL070D / CL072D



Li-Ion Ah 1.5

	CL070D	CL072D
Capacity	600 mL	Dust Bag: 500 mL Paper Pack: 330 mL
Continuous Use (min.)	8	High / Low: 8 / 16
Max Air Flow	1.2 m ³ /min	1.1 m ³ /min
Max Sealed Suction	2.2 kPa	2.1 kPa
(water column)	(224 mmH ₂ O)	(214 mmH ₂ O)
Dimensions (L x W x H)	966x103x142 mm (38-1/32"x4-1/16"x5-5/8")	984x113x146 mm (38-3/4"x4-7/16"x5-3/4")
Net weight	0.81 kg (1.8 lbs)	1.0 kg (2.2 lbs)

Floor T-Nozzle28,, Sash Nozzle, Sash Nozzle Holder, Pipe, Battery, Charger

CL070D Filter, Prefilter

CL072D Dust Bag, Paper Dust Bag

18V

LXT

Fast Charging

Cordless Cyclone Cleaner DCL501

Li-Ion Ah 6.0 5.0 4.0 3.0 2.0 1.5



	DCL501
Capacity	250 mL
Continuous Use (min.)	with BL1860B (High): 35 with BL1860B (Low): 77
Max Air Flow	1.2 m ³ /min
Max Sealed Suction	10 kPa
(water column)	(1020 mmH ₂ O)
Dimensions (L x W x H)	352x189x252 mm (13-7/8"x7-7/16"x9-7/8")
Net weight	3.1 - 3.4 kg (6.8 - 7.5 lbs)

Shoulder Belt, Crevice Nozzle, Cleaning Brush, Floor Nozzle, Zoom Pipe, Hose, Hose Hook

Li-ion Battery & Charging Time Reference, Compatibility Chart

18V Lithium-ion		DC18RC DC18RD Two Port Multi Fast Charger	DC18RE CXT&LXT Dual port Fast Charger	DC18SF * Except BL1430A	DC18SD DC18SE (Automotive)
6.0 Ah	 BL1860B (197422-4)	Fast Charging 55 min.		1 to 2 batteries 130 min.	3 to 4 batteries 260 min.
5.0 Ah	 BL1850B (197282-4)	45 min.		110 min.	220 min.
4.0 Ah	 BL1840B (197267-0)	36 min.		90 min.	180 min.
3.0 Ah	 BL1830B (197599-5)	22 min.		60 min.	120 min.
2.0 Ah	 BL1820B (197256-5)	24 min.		45 min.	90 min.
1.5 Ah	 BL1815N (196449-1)	15 min.		30 min.	60 min.
12Vmax Lithium-ion		DC18RE CXT&LXT Dual port Fast Charger	DC10SB	DC10WD	10.8V Lithium-ion
4.0 Ah	 BL1041B (197406-2)	Fast Charging 60 min.		130 min.	DC10WA 50 min.
2.0 Ah	 BL1021B (197396-9)	30 min.		70 min.	7.2V Lithium-ion
1.5 Ah	 BL1016 (197393-5)	22 min.		50 min.	DC10WA 35 min.
18V Lithium-ion		DC18WA			
1.5 Ah	 BL1815G	For Model: DF347D, HP347D, JV143D, ML187, TD126D, UH420D, UH480D, UH520D, UM165D, UR140D, DMR106			70 min.

MAKPAC Power source kit



	Model No.	MAKPAC type	Set contents				
			Battery	Ah	Qty	Charger	Converter
	MKP1WY122	TYPE1	BL1016	1.5Ah	2	DC10WD	
	MKP1SY122	TYPE1	BL1016	1.5Ah	2	DC10SB	
	MKP1WA122	TYPE1	BL1021B	2.0Ah	2	DC10WD	
	MKP1SA122	TYPE1	BL1021B	2.0Ah	2	DC10SB	
	MKP1WM122	TYPE1	BL1041B	4.0Ah	2	DC10WD	
	MKP1SM122	TYPE1	BL1041B	4.0Ah	2	DC10SB	
	MKP2NX1	TYPE3	BL1021B / BL1850B	2.0Ah / 5.0Ah	1	DC18RE	
	MKP2NX2	TYPE3	BL1021B / BL1850B	2.0Ah / 5.0Ah	2	DC18RE	
	MKP2NX3	TYPE3	BL1041B / BL1850B	4.0Ah / 5.0Ah	1	DC18RE	
	MKP2NX4	TYPE3	BL1041B / BL1850B	4.0Ah / 5.0Ah	2	DC18RE	
	MKP1SY182	TYPE1	BL1815N	1.5Ah	2	DC18SD	
	MKP1RA182	TYPE1	BL1820B	2.0Ah	2	DC18RC	
	MKP1RF181	TYPE1	BL1830B	3.0Ah	1	DC18RC	
	MKP1RF182	TYPE1	BL1830B	3.0Ah	2	DC18RC	
	MKP1RF183	TYPE1	BL1830B	3.0Ah	3	DC18RC	
	MKP1RF184	TYPE1	BL1830B	3.0Ah	4	DC18RC	
	MKP1RM182	TYPE1	BL1840B	4.0Ah	2	DC18RC	
	MKP1RM183	TYPE1	BL1840B	4.0Ah	3	DC18RC	
	MKP1RM184	TYPE1	BL1840B	4.0Ah	4	DC18RC	
	MKP1RT181	TYPE1	BL1850B	5.0Ah	1	DC18RC	
	MKP1RT182	TYPE1	BL1850B	5.0Ah	2	DC18RC	
	MKP1RG181	TYPE1	BL1860B	6.0Ah	1	DC18RC	
	MKP1RG182	TYPE1	BL1860B	6.0Ah	2	DC18RC	
	MKP1RG183	TYPE1	BL1860B	6.0Ah	3	DC18RC	
	MKP1RG184	TYPE1	BL1860B	6.0Ah	4	DC18RC	
	MKP2RFC2	TYPE2	BL1830B	3.0Ah	2	DC18RC	BCV03
	MKP2RFC3	TYPE2	BL1830B	3.0Ah	3	DC18RC	BCV03
	MKP2RFC4	TYPE2	BL1830B	3.0Ah	4	DC18RC	BCV03
	MKP2PF184	TYPE2	BL1830B	3.0Ah	4	DC18RD	
	MKP2RMC2	TYPE2	BL1840B	4.0Ah	2	DC18RC	BCV03
	MKP2PM184	TYPE2	BL1840B	4.0Ah	2	DC18RD	
	MKP2PT184	TYPE2	BL1850B	5.0Ah	4	DC18RD	
	MKP3PM182	TYPE3	BL1840B	4.0Ah	2	DC18RD	
	MKP3PM184	TYPE3	BL1840B	4.0Ah	4	DC18RD	
	MKP3PT182	TYPE3	BL1850B	5.0Ah	2	DC18RD	
	MKP3PT184	TYPE3	BL1850B	5.0Ah	4	DC18RD	
	MKP3PG182	TYPE3	BL1860B	6.0Ah	2	DC18RD	
	MKP3PG184	TYPE3	BL1860B	6.0Ah	4	DC18RD	

MAKPAC trolley

able to stack on for easy loading

Part No.
TR00000002
TR00000001(EU)



MAKPAC adapter set

Makita AC Vacuum Cleaner to connect with MAKPAC

Part No.
198730-6
198599-8(EU)

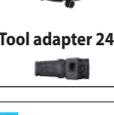
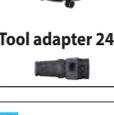
Model No.
VC3211H/M, VC2211M,
VC2201M, VC1310L,
VC2510L, VC3210L



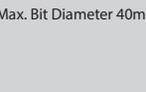
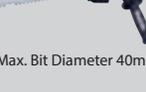
System charts

<p>A</p>  <p>W/ Ø28mm Hose</p> <p>Model VC3211H VC3211M VC2211M VC3210L</p> <p>W/ Front cuffs</p>  <p>38 24 22</p>	<p>B</p>  <p>W/ Ø28mm Hose</p> <p>Model VC2510L VC1310L DVC861L DVC863L DVC864L</p> <p>W/ Front cuffs</p>  <p>38 24 22</p>	<p>C</p>  <p>W/ Ø28mm Hose</p> <p>Model DVC350</p> <p>W/ Front cuffs</p>  <p>38 24 22</p>	<p>D</p>  <p>W/ Ø38mm Hose</p> <p>Model DVC860L DVC861L DVC862L DVC863L</p> <p>W/ Joint 22-38</p> 	<p>E</p>  <p>W/ Ø28mm Hose</p> <p>Model DVC260</p> <p>W/ Front cuffs</p>  <p>38 24 22</p>	<p>F</p>  <p>W/ Ø32mm Hose</p> <p>Model VC2012L VC2512L VC3011L</p> <p>W/ Tool adapter 24</p>  <p>P-81745</p> <p>Adapter 38 (option)</p>  <p>P-70421</p>	<p>G</p>  <p>W/ Ø32mm Hose</p> <p>Model VC3012L VC4010L VC3012M VC4010M</p> <p>W/ Tool adapter</p> <p>24</p>  <p>P-70378</p> <p>38</p>  <p>W107418688</p>
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For Model	Suction Systems and Part No.
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<p>Rotary Hammer, Demolition Hammer SDS-MAX, 17mm (11/16") Hex: Bull points with over 280mm length Cold chisels with over 280mm length</p> <p>SDS-MAX only: Scaling chisel (for tile), Bushing tool Scaling chisels length</p> <p>19mm (3/4") Hex only Scaling chisels</p> <p>17mm (11/16") Hex: HM0830, HR3530, HR4030C</p> <p>SDS-MAX: HR4001C/02/10C/11C, HR4501C/10C/11C, HR3540C/41FC HM0870C/71C, HM1101C/11C, HM1203C/13C, HM1214C HR4501C/10C/11C, HR4013C HR4003C, HR3540C/41FC DHR400, HR5202C, HR5212C, HM1205</p> <p>19mm (3/4") Hex: HR4041C</p>	<p>Dust extractor attachment set (Hammering mode only) 199144-2 (w/hose for) 199143-4 (w/o hose for)</p>  <p>Ø28mm hose can be directly connected.</p>	<p>A</p>  <p>Directly</p>	<p>B</p>  <p>Directly</p>	<p>C</p>  <p>Directly</p>	<p>D</p>  <p>Ø28mm hose</p>	<p>E</p>  <p>Directly</p>	<p>F</p>  <p>Tool adapter 24</p>	<p>G</p>  <p>Tool adapter 24</p>
<p>Electric Breaker HM1304/B, HM1306, HM1317C/CB, HM1307C/CB, HM1400, HM1500/B, HM1810, HM1801, HM1812, HM1802</p>	<p>Vacuum attachment set</p>  <p>197168-2 (w/o hose for) 197148-8 (w/ hose for)</p> <p>Ø28mm hose can be directly connected.</p>	<p>A</p>  <p>Directly</p>	<p>B</p>  <p>Directly</p>	<p>C</p>  <p>Directly</p>	<p>D</p>  <p>Ø28mm hose</p>	<p>E</p>  <p>Directly</p>	<p>F</p>  <p>Tool adapter 24</p>	<p>G</p>  <p>Tool adapter 24</p>

For Model	Suction Systems and Part No.
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<p>Rotary Hammer, Combination Hammer</p> <p>DHR242, HR2300, HR2600 HR2601/F, HR2610, HR2611F, HR2630, HR2631F, HR2641, HR2650, HR2651, HR2661, DHR280, DHR282</p> <p>DHR243, HR2320T, HR2610T HR2611FT, HR2630T, HR2631FT, HR2651T, DHR281, DHR283</p> <p>BHR262, DHR164, DHR165, DHR171, DHR202, DHR241, DHR263, HR140D, HR166D, HR1840, HR1841F, HR1830, HR1830F, HR2230, HR2432, HR2460/F, HR2470/F, HR2475, HR2800, HR2810, HR2811F</p> <p>Rotary Hammer, Combination Hammer DHR164, DHR165 DHR202, BHR262/T DHR263, DHR264</p> <p>HR2470 series HR2800 series</p>	<p>Dust cup set 195048-6</p>  <p>195132-7</p>  <p>198362-9 Use with grip base set see page 32</p>  <p>Dust extractor attachment 193472-7</p>  <p>Vacuum attachment 195866-2</p>  <p>(Max. Bit Diameter 40mm)</p> 	<p>A</p>  <p>Front cuffs 22</p>	<p>B</p>  <p>Front cuffs 22</p>	<p>C</p>  <p>Front cuffs 22</p>	<p>D</p>  <p>Joint 22-38 195548-6</p>	<p>E</p>  <p>Front cuffs 22</p>	<p>F</p>  <p>Tool adapter 24 + Joint 25-50 192349-3</p>	<p>G</p>  <p>Tool adapter 38 + Joint 22-38 195548-6</p>
<p>Rotary Hammer HR4002, HR4011C, HR4010C, HR4001C, HR4511C, HR4510C, HR4501C</p> <p>DHR400, HR4013C, HR4003C HR5212C, HR5202C</p>	<p>Vacuum attachment 195866-2</p>  <p>(Max. Bit Diameter 40mm)</p> 	<p>A</p>  <p>Front cuffs 22</p>	<p>B</p>  <p>Front cuffs 22</p>	<p>C</p>  <p>Front cuffs 22</p>	<p>D</p>  <p>Joint 22-38 195548-6</p>	<p>E</p>  <p>Front cuffs 22</p>	<p>F</p>  <p>Tool adapter 24 + Joint 25-50 192349-3</p>	<p>G</p>  <p>Tool adapter 38 + Joint 22-38 195548-6</p>

System charts

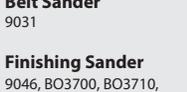
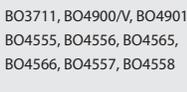
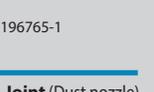
For Model	Suction Systems and Part No.
Angle Cutter 4112H 4112HS 4114 4114S 	Elbow joint 32 192613-2 
Dustless Cutter 4105KB 	Elbow joint 32 192613-2 
Dustless Cutter 4100KB 	
Cutter With Dust Collection 4157KB 	
Wall Chaser SG1251, SG1250 	
Concrete Planer PC5000C, PC5001C 	
Angle Grinder 	Dust collecting wheel guard For cup type diamond wheel 
For 115, 125mm Model Single notch _____ w/o mark of origin 195237-3 Triple notches _____ w/o mark of origin for IEC 195239-9 w/ mark of origin for IEC 195238-1 North America package 195236-5 North America package for UL 196575-6 For 180,230mm Model w/ mark of origin for IEC 195384-0 w/o mark of origin for IEC 195385-8 North America package for UL 197584-8 Twin notches _____ w/ mark of origin 195387-4 w/o mark of origin 195388-2 North America package 195386-6	



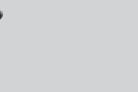
For Model	Suction Systems and Part No.
Angle Grinder 	Dust collecting wheel guard 
For 125mm Model _____ 196845-3 196846-1 For 230mm Model _____ 198379-2 198380-7	
Angle Grinder 	Dust collecting wheel guard 
For 115, 125mm Model _____ 192968-5 193794-5 (Economy type) For 180mm Model _____ 194303-3 For 230mm Model _____ 194044-1	
Belt Sander 9924DB 	Joint 32 192518-6 
Belt Sander 9404, 9902, 9903, 9910, 9911, 9920, 	
Belt Sander 9403, 9921 	Joint 32 192349-3 
Wheel Sander 9741 	Joint 410899-9 



System charts

For Model	Suction Systems and Part No.
Disc Grinder N9500N, 9500NB 	Dust collecting wheel guard 192212-0  Rubber sleeve 192202-3 
Angle Grinder For 100mm Model  For 115,125mm Model 	Dust collecting wheel guard Dust collecting w/c 100C set — 198413-8 Dust collecting w/c 100C set — 198414-6  198415-4
Belt Sander 9032 	Dust nozzle assembly 122652-8 
Belt Sander 9031 	
Finishing Sander 9046, BO3700, BO3710, BO3711, BO4900/V, BO4901, BO4555, BO4556, BO4565, BO4566, BO4557, BO4558 	
Random Orbit Sander BO5012, BO5030, BO5031, BO5040, BO5041, BO6030, BO6040, DBO140, DBO180 	
Multi Tool DTM50, DTM40 — 195965-0 TM3000C — 196022-7 TM3010C — 196550-2  DTM51, DTM41 — 196765-1 	Dust attachment set  
Circular Saw DHS630 — 194314-8 DSS611, DSS610 — 419283-5 DSS501, DSS500 — 194415-2 HS300D, HS301D — 195334-5 	Joint (Dust nozzle) 
Jig Saw JV100D, JV143D, JV183D, 4326, 4327, 4328, 4329, JV0600 	
Jig Saw DJV140, DJV180, 4350T/CT/FCT, 4351T/CT/FCT 	Dust Nozzle 417853-4 

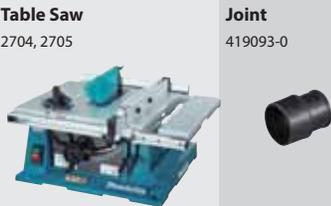


For Model	Suction Systems and Part No.
Belt Sander 9031 	front cuffs24 195546-0 
Circular Saw HS6100, HS6101, HS7100, HS7101 — 453289-3 DHS710, HS6600, HS6601, HS7010, HS7600, HS7601, HS7610, HS7611 — 196520-1 HS6600, HS7000, HS7600, DHS711 — 196843-7 (with short lever) HS0600 — 198263-1 DHS680 — 198265-7 (with short lever) HS7000, HS7600 — 196961-1 196952-2 (with short lever) 196520-1 197221-4 (with short lever)	Joint (Dust nozzle) 453289-3 196520-1 196843-7 (with short lever) 198263-1 198265-7 (with short lever) 196961-1 196952-2 (with short lever) 196520-1 197221-4 (with short lever)
	
Plunge Cut Circular Saw SP6000 	Front cuffs 24 195546-0 
Cordless Plunge Cut Circular Saw DSP600, DSP601 	
Aluminum Groove Cutter CA5000 	
Cordless Jig Saw DJV141, DJV142, DJV181, DJV182, DJV102D, JV103D — 457801-1 	Dust nozzle assembly 126331-0  457801-1  Front cuffs 24 195546-0
Slide Compound Saw LS1019/L, LS1219/L 	Front cuffs 24 195546-0 
Cordless Slide Compound Miter Saw DLS110, DLS111, DLS112 	

* not needed
Front cuffs 24

System charts

For Model	Suction Systems and Part No.
Cordless Slide Compound Miter Saw DLS713 DLS714	 <p>A Front cuffs 38</p>
Slide Compound Saw LS0714/F/FL/L LS0815F/FL LS1016L LS1017L LS1018/L LS1216/L	 <p>B Front cuffs 38</p>
Miter Saw LS1030N, LS1440	 <p>C Front cuffs 38</p>
Compound Miter Saw LS1040/F, LS1045, LS1221	 <p>D</p>
Cordless Compound Miter Saw DLS600	 <p>E</p>
Flip Over Saw LF1000	 <p>F Adapter 38</p>
Table Top Miter Saw LH1040/F LH1201FL	 <p>G Tool adapter 38</p>

For Model	Suction Systems and Part No.
Table Saw 2704, 2705	Joint 419093-0
 <p>A Front cuffs 38</p>	 <p>B Front cuffs 38</p>
Table Saw 2703	Joint 55 192799-2
 <p>C</p>	 <p>D Front cuffs 38</p>
Table Saw MLT100	Dust point JM27000090
 <p>E</p>	 <p>F</p>
Table Saw 2712	Dust point JM27000090
 <p>G</p>	 <p>H</p>
Band Saw LB1200F	Joint 419093-0
 <p>I Adapter 38</p>	 <p>J Adapter 38</p>
 <p>K Tool adapter 38</p>	 <p>L Tool adapter 38</p>



System charts

For Model	Suction Systems and Part No.
Plate Joiner PJ7000, 3901, DPJ180, DPJ140, DPJ181	 <p>A front cuffs 22</p>
Cut-out Tool 3706	 <p>B front cuffs 22</p>
Dust collection cover 193449-2	 <p>C* front cuffs 22</p>
Cordless Cut-out Tool DCO180	 <p>D Joint 22-38 195548-6</p>
Cordless Drywall saw DSD180, SD100D	 <p>E front cuffs 22</p>
Router RP0910, RP1110C	 <p>F Tool adapter 24 + Joint 25-50 192349-3</p>
	 <p>G Tool adapter 38 + Joint 22-38 195548-6</p>

*C: DVC350 Cannot be used with Router models

For Model	Suction Systems and Part No.	
Router RP1801/ F RP1800/ F RP2301FC RP2300FC	Dust nozzle 194934-8	 <p>A front cuffs 38</p>
		 <p>B front cuffs 38</p>
Router RD1100, RD1101, RF1100, RF1101, RP1100, RP1101	Dust nozzle 193379-7	 <p>C front cuffs 38</p>
		 <p>D front cuffs 38</p>
Router RP0900, ***RT0700C, DRT50	Dust nozzle 194733-8	 <p>E front cuffs 38</p>
Cordless Router DRT50		 <p>F Adapter 38</p>
*** Use with Plunge base assembly		
Trimmer RT0700C	Dust nozzle 195559-1	 <p>G Tool adapter 38</p>
Cordless Trimmer DRT50		

Makita recommend to use 38mm hose when you use Router or Power planer.



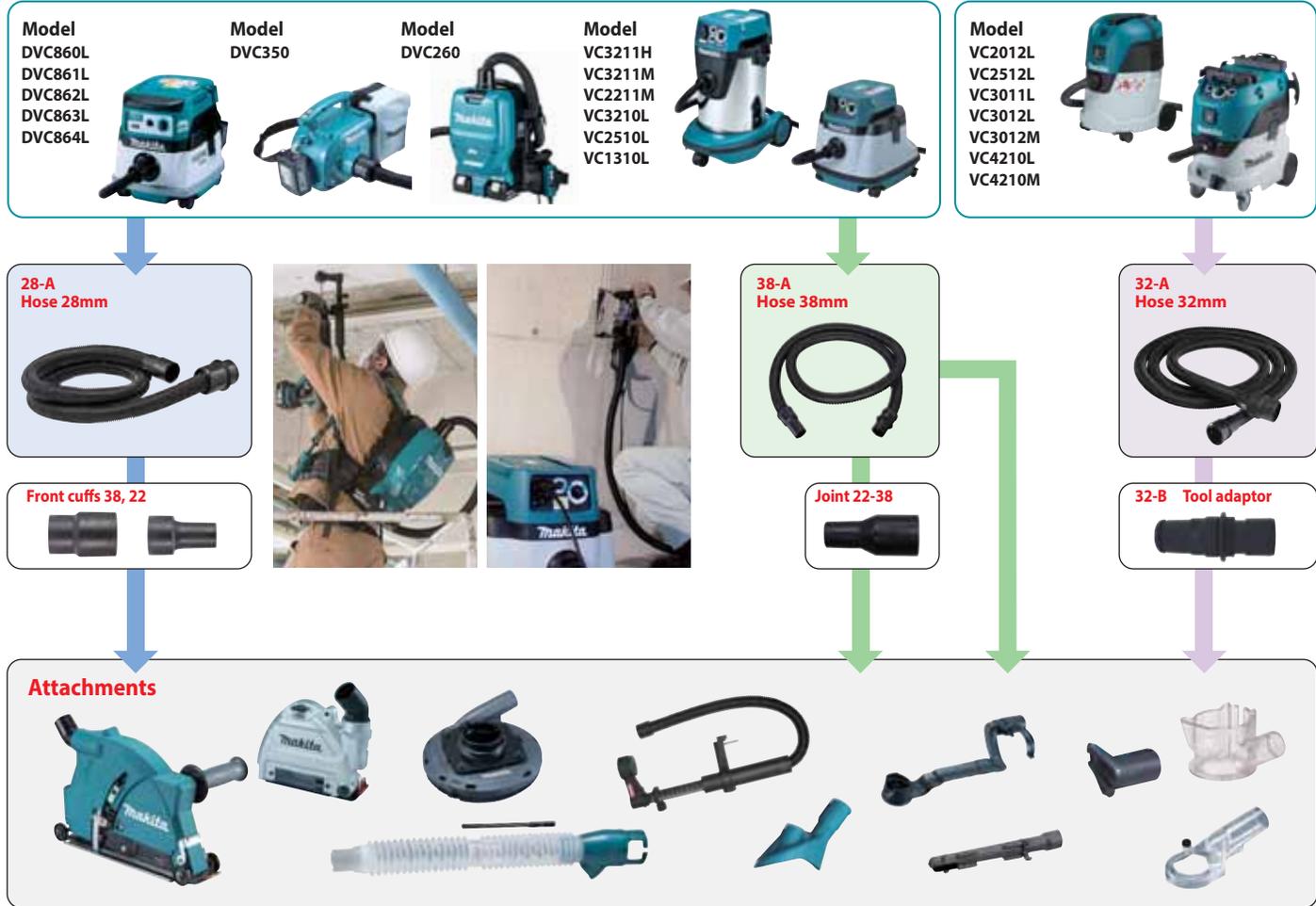
Vacuum Cleaner System charts

For Dust Collecting

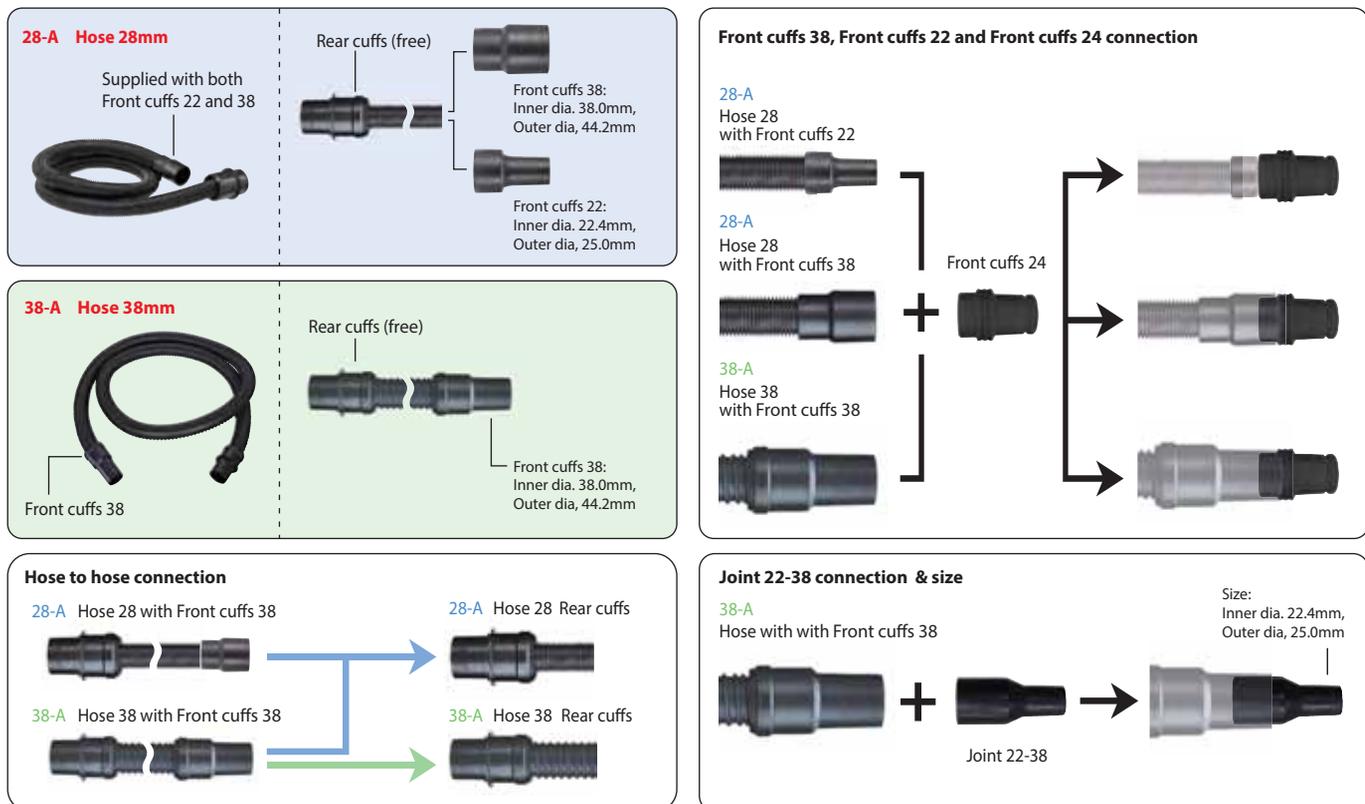
Hose connection
28mm

Hose connection
38mm

Hose connection
32mm



Front cuffs, Joint & Hose Connection



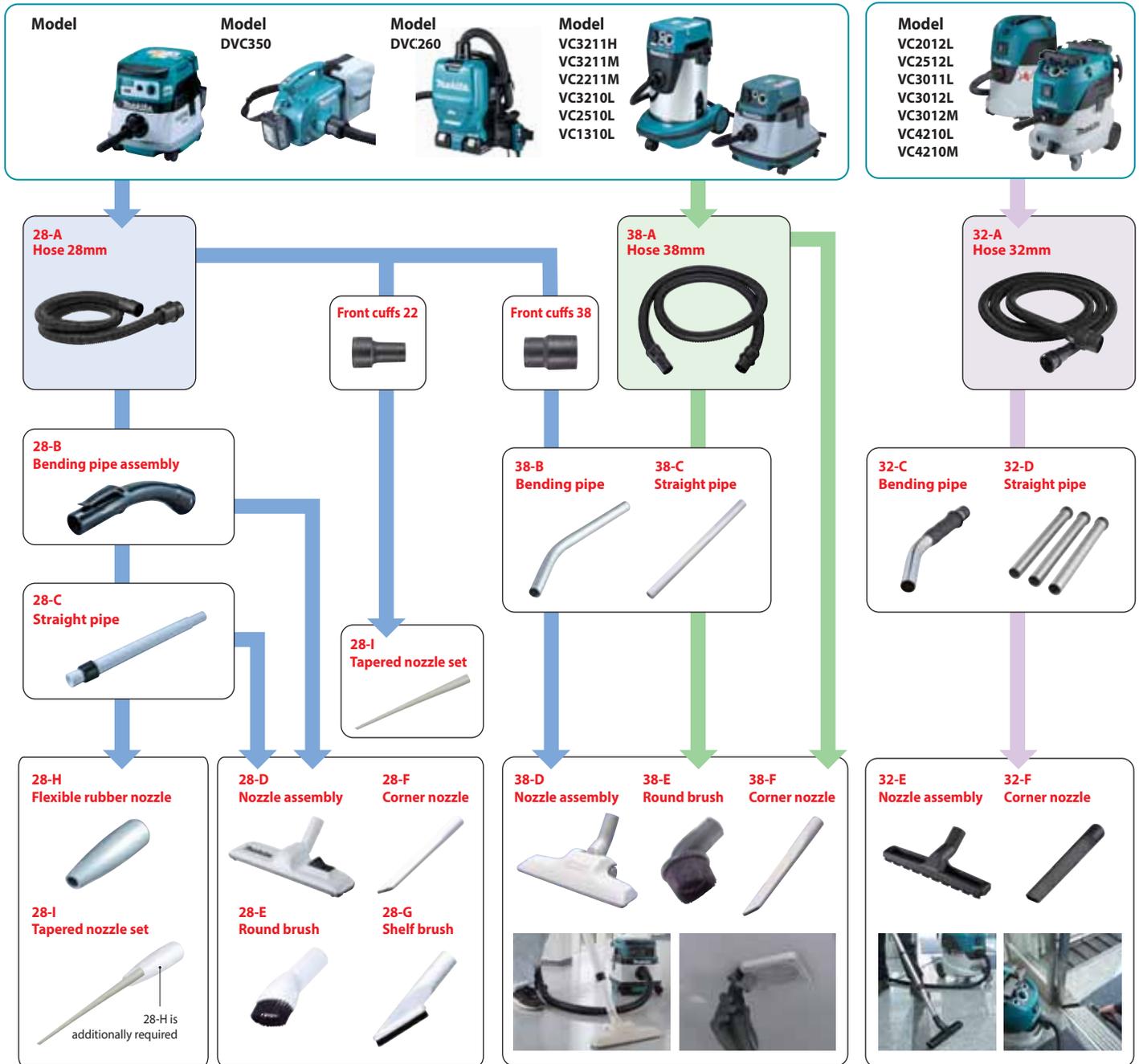
Vacuum Cleaner System charts

For Cleaning

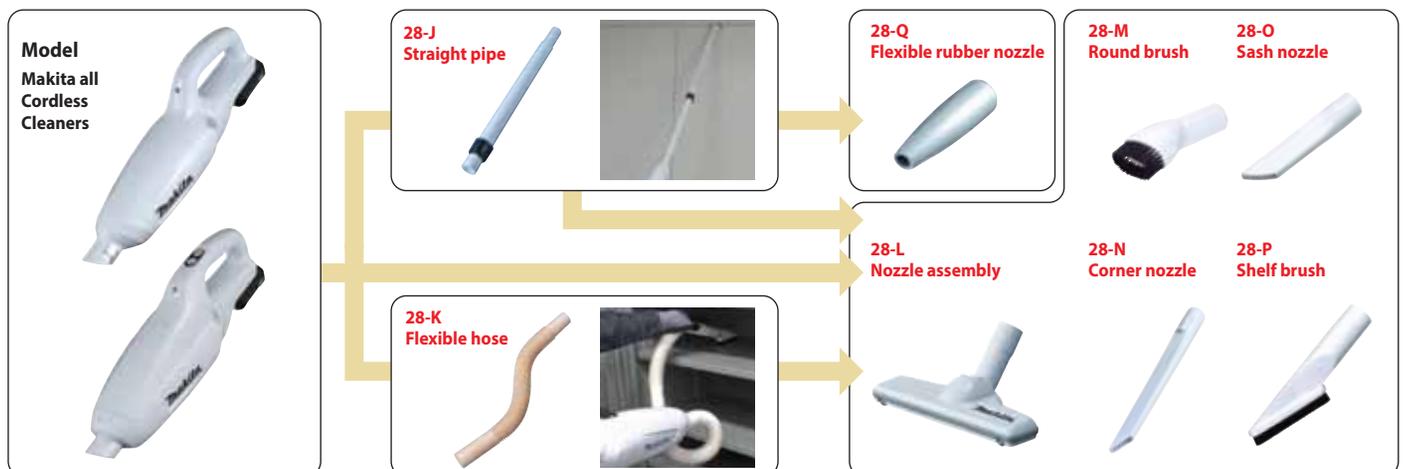
Hose connection
28mm

Hose connection
38mm

Hose connection
32mm



Cordless Cleaner System charts



Front cuffs & Joint

Front cuffs 22



Front cuffs 24



Front cuffs 38



Joint H



Rubber sleeve 18-21



Type	Part No.
Front cuffs 22	195547-8
Front cuffs 24	195546-0
Front cuffs 38	195545-2
Joint 22-38	195548-6
Joint H	424009-2
Rubber sleeve 18-21	192202-3

Hose connection 28mm

28-A

Hose

Note:
Can be connected with power tools, Front cuffs and Joint are required for some power tools.

*DVC260 only
* for cleaning



Size	Length (m)	with Front cuffs	Part No.
28mm	1.0	-	*143787-2
28mm	1.5	-	*144408-9
28mm	1.5	38	*152992-0
28mm	1.5	22, 38	A-34235
28mm	2.5	22, 24, 38	195437-5
28mm	3.5	22, 24, 38	195433-3
28mm	5	22, 24, 38	195436-7
28mm	5	22, 38	A-34229

28-B

Bending pipe



Description	Part No.
With 28mm Hose	126756-8

28-C

Straight pipe



Description	Part No.	EU
		Part No.
Pipe length is variably adjustable from 500 to 850mm.	198559-0	198560-5

28-D

Nozzle assembly

F/C switching t-nozzle 28
Flooring & carpet



Floor/carpet t-nozzle
For rug / carpet cleaning



For rug / carpet cleaning



Floor t-nozzle 28



Seat nozzle 28
For car seat



Description	Color	Part No.	EU
			Part No.
F/C switching t-nozzle 28 Flooring & carpet	White	198183-9	198532-0
Floor/carpet t-nozzle For rug / carpet cleaning	White	198525-7	198528-1
	Black	198526-5	198529-9
For rug / carpet cleaning	Ivory	122291-4	-
Floor t-nozzle 28	White	123486-2	-
Seat nozzle 28 For car seat	White	199037-3	199038-1
	Black	198921-9	199039-9

28-E
Round brush



Color	Part No.	EU	
		Part No.	
White	198877-6	198878-4	
Black	198551-6	198555-8	

28-F
Corner nozzle



Type	Color	Part No.	EU	
			Part No.	
300-28mm	White	198918-8	198919-6	
	Black	198991-8	198992-6	

28-G
Shelf brush

(For gentle cleaning by soft-tipped brush)



Color	Part No.	EU	
		Part No.	
White	198872-6	198873-4	
Black	198536-2	198540-1	

28-H
Flexible rubber nozzle



Color	Part No.	EU	
		Part No.	
gray	197900-4	197901-2	

28-I
Tapered nozzle set

Use with Front cutts 22 or Flexible rubber nozzle



Color	Part No.	EU	
		Part No.	
gray	192236-6	198558-2	

Hose stand

For model
VC2510L



Part No.
197323-6

Holder set 10-33



Part No.
195544-4

Holder cuff set



Components	Part No.
Holder10-33, Front cuff 24, Front cuff 22	195637-7



Hose connection 38mm

38-A
Hose 38mm
 for cleaning



Size	Length (m)	with Front cuffs	Part No.
38mm	1.5	38	198757-6
38mm	2.5	38	195434-1
38mm	5	38	195435-9

Cleaning set

Includes one each of:
 -Hose complete 38-2.5
 -Straight pipe
 -Bending pipe
 -Nozzle assembly
 -Corner nozzle



Part No.
195439-1

38-B
Bending pipe



Description	Part No.
Aluminum	192562-3

38-C
Straight pipe



Description	Part No.	EU
		Part No.
Aluminum	192563-1	-

38-D
Nozzle assembly
 * For model: wet model only
 Flooring & capet

Universal Type



Compact Type A



Compact Type B



Wide Type



Description	Dry/ Wet	Part No.	EU
			Part No.
Flooring & carpet	Dry	198184-7	198533-8
Universal Type	Dry/ Wet	195551-7	-
Compact Type A	Dry	195549-4	122334-2
Compact Type B	Wet	*195550-9	*122335-0
Wide Type	Wet	*A-47846	-

38-E
Round brush



Type	Color	Part No.	EU
			Part No.
38mm	Black	191657-9	-

38-F
Corner nozzle



Type	Color	Part No.
38mm	Yellow gray	410306-2



Filter & Dust bag



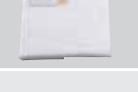
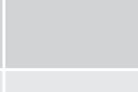
for Dust
(Powder)

Compatible with usual Poly bags or
Paper filters, allowing for:



- Quick and easy dust disposal
- Lower-running cost compared with paper dust bag



	DVC862L DVC860L	DVC864L DVC863L DVC861L	VC3211H	VC3211M VC2211M VC2201M	VC3210L	VC2510L	VC1310L
	 (Wet & Dry)	 (Dry)	 (Wet & Dry)	 (Wet & Dry)	 (Wet & Dry)	 (Wet & Dry)	 (Wet & Dry)
Powder Filter Set Dry only	*197166-6 	*197166-6 	196251-2 	196252-0 	195441-4 	195441-4 	195438-3 
*HEPA filter							
Pre-filter set	195553-3 	195553-3 	196253-8 	196253-8 	195612-3 	195554-1 	195553-3 
Cloth filter	140248-3 						
Damper set	195552-5 	195552-5 	196254-6 	196254-6 	195552-5 	195552-5 	195552-5 
Filter for water set Water only	195555-9 				195611-5 	195556-7 	195555-9 
Paper filter set (5pcs) for dry dust except powder	194556-4 (A-48430) 	194556-4 (A-48430) 					194556-4 (A-48430) 
Dust paper filter 7L (5pcs) for dry powder	194719-2 (A-49541) 	194719-2 (A-49541) 					194719-2 (A-49541) 
Filter bag set 15L (5pcs) for dry dust	195557-5 	195557-5 				195557-5 	195557-5 
Filter bag set 25L (5pcs) for dry dust			195558-3 	195558-3 	195558-3 		
Poly bag set (10pcs)	195432-5 	195432-5 	195440-6 	195440-6 	195440-6 	195440-6 	195432-5 

Hose connection 32mm

32-A Hose



Model No.	Size	Length (m)	Part No.
VC3012L/M, VC4210L/M	32mm	4	P-84084
VC2012L, VC2512L, VC3011L	32mm	3.5	P-81739

32-B Tool adaptor

Quicksystem ø24 (set)



Quicksystem ø38 (set)



Tool adapter 24



Joint 25-50



Adapter 35/38



Tool cuff adapter 24



Tool cuff adapter 38



Model No.	Description	Part No.
VC3012L/M, VC4210L/M	Quicksystem ø24 (set)	P-70378
	Quicksystem ø38 (set)	W107418688
VC2012L, VC2512L, VC3011L	Tool cuff adapter 24	P-81745
VC3012L/M, VC4210L/M VC2012L, VC2512L, VC3011L	Joint 25-50	192349-3
	Adapter 35/38	P-70421
VC3012L/M, VC4210L/M	Tool cuff adapter 24	P-70415
	Tool cuff adapter 38	P-70421

Cleaning set

Includes one each of:
-Extension tubes
-Crevice nozzle ø35x300
-Curved hand tube inox
-Floor nozzle D36x300 wet/dry



Model No.	Part No.
VC3012L/M, VC4210L/M	W107418349

32-C Curved hand tube inox



Model No.	Part No.
VC3012L/M, VC4210L/M	P-70346

32-D Extension tubes



Model No.	Description	Part No.
VC3012L/M, VC4210L/M	ø35x350mm 3pcs	W107418350
VC2012L, VC2512L, VC3011L	ø35x520mm black 2 pcs	P-72942

32-E Nozzle assembly

Floor nozzle D36x300



Model No.	Type	Dry/ Wet	Part No.
VC3012L/M, VC4210L/M	D36x300	Dry/ Wet	P-81789
VC2012L, VC2512L, VC3011L	D36x260	Dry/ Wet	W107402706
VC2012L, VC2512L, VC3011L	Universal Type	Wet	W14295

32-F Corner nozzle

*Use with P-81745



Model No.	Size	Part No.
VC3012L/M, VC4210L/M	ø35x300	W6084
VC2012L, VC2512L, VC3011L	ø35x200	*W29541

Fleece filter bag & Pre Disposal bag

For Model
VC3011L, VC2512L, VC2012L

Description	Per pkg.	Part No.
Fleece filter bag (Filter bag)	5	P-72899
Pre Disposal bag	5	P-70297

Filter & bag

For Model
VC4210M / L

Description	Per pkg.	Part No.
PTFE Flat filter	1	W107418351
Motor cooling filter PET	1	W107418352
Fleece filter bag (Filter bag)	5	W107418353
Long-Life Filter bag	1	W107418354
Pre Disposal bag	5	W107418355

For Model

VC3012M / L, VC2512L, VC3011L

Description	Per pkg.	Part No.
PET Filtselent	1	P-70219

For Model

VC3012M / L, VC2512L, VC3011L

Description	Per pkg.	Part No.
Fleece Filter bags	5	P-84078
Pre Disposal bag	5	P-70297

For Cordless Cleaner

28-J

Straight pipe



Description	Color	Part No.	EU
			Part No.
Telescopic pipe assembly 28 Pipe length is variably adjustable from 500 to 850mm.	White	198559-0	198560-5
Pipe 28	Ivory	451424-7	-
	White	451241-5	-
	Blue	451244-9	-
	Red	451425-5	-
	Pink	457231-6	-
	Black	456587-4	-

28-K

Flexible hose set28



Description	Color	Part No.	EU
			Part No.
Flexible hose set28 Superior in flexibility and for the cleaning of the small place in the car	Ivory	191496-7	198544-3
	White	198867-9	198868-7
	Blue	198541-9	198545-1
	Red	198542-7	198546-9
	Pink	198870-0	198871-8
	Black	198543-5	198547-7

28-L

Nozzle assembly

F/C switching t-nozzle 38



Description	Color	Part No.	EU
			Part No.
F/C switching t-nozzle 38 Flooring & carpet	White	198183-9	198532-0

Nozzle assembly

Floor/carpet t-nozzle
For rug / carpet cleaning



Description	Color	Part No.	EU
			Part No.
Floor/carpet t-nozzle For rug / carpet cleaning	Ivory	198150-4	198149-9
	White	198525-7	198528-1
	Blue	198523-1	198527-3
	Red	198524-9	198522-3
	Pink	198882-3	198883-1
	Black	198526-5	198529-9

Nozzle assembly

Floor t-nozzle 28



Description	Color	Part No.
Floor t-nozzle 28	Ivory	123485-4
	White	123486-2
	Blue	123488-8
	Red	123489-6
	Pink	123843-4
	Black	123539-7

Nozzle assembly

For rug / carpet cleaning



Description	Color	Part No.	EU
			Part No.
For rug / carpet cleaning	Ivory	122291-4	-

Nozzle assembly

Seat nozzle 28



Description	Color	Part No.	EU
			Part No.
Seat nozzle 28 For car seat	White	199037-3	199038-1
	Blue	199040-4	199041-2
	Black	198921-9	199039-9

28-O

Sash nozzle 28



Description	Color	Part No.
Sash nozzle 28	Ivory	416041-0
	White	451240-7
	Blue	451243-1
	Red	416225-0
	Pink	457228-5
	Black	456586-6

28-M

Round brush 28



Color	Part No.	EU
		Part No.
Ivory	198548-5	198552-4
White	198877-6	198878-4
Blue	198549-3	198553-2
Red	198550-8	198554-0
Pink	198880-7	198881-5
Black	198551-6	198555-8

28-P

Shelf brush set28

(For gentle cleaning by soft-tipped brush)



Color	Part No.	EU
		Part No.
Ivory	191724-0	198537-0
White	198872-6	198873-4
Blue	198534-6	198538-8
Red	198535-4	198539-6
Pink	198875-0	198876-8
Black	198536-2	198540-1

28-N

Corner nozzle 300-28



Size	Color	Part No.	EU
			Part No.
300-28mm	White	198918-8	198919-6
	Blue	198989-5	198990-0
	Black	198991-8	198992-6

28-Q

Flexible rubber nozzle



Color	Part No.	EU
		Part No.
Gray	197900-4	197901-2

Cordless Cleaner for Capsule type

For Model:
CL183D, DCL181F, DCL180, CL111D, CL106FD, CL070D
Filter

Pre filter



Easy shake off dust filter



Description	Per pkg.	Part No.
Filter	10	198914-6
	10	198915-4 (EU)
Pre filter	1	198750-0
	1	198751-8 (EU)
Easy shake off dust filter	1	198752-6
	1	198753-4 (EU)



Cordless Cleaner for Paper bag type

For Model:
DCL182, CL107FD, CL105D, CL104D, CL072D
Paper filter

Dust bag



Easy shake off dust bag



Description	Per pkg.	Part No.
Paper filter Anti-bacterial type	10	194565-3
	10	198744-5 (EU)
	5	198745-3 (EU)
Dust bag	1	198746-1
	1	198747-9 (EU)
Easy shake off dust bag	1	198748-7
	1	198749-5 (EU)

Quick charger

(AC only)



Model No.	Charging time (min.) (approx.)	Part No.
CL104D, CL105D, CL111D	180	DC1001

Other Cleaners

For DVC260

Dust bag assembly



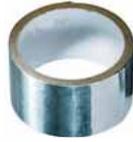
Filter bag set (Paper dust bag)



Description	Per pkg.	Part No.
Dust bag assembly	1	197898-5
		197899-3(EU)
Filter bag set (Paper dust bag)	10	197902-0
		197903-8(EU)

For DRC200

Boundary line tape (15m roll)



Side brushes



Power brush



Turn brush cover



Filter



Description	Part No.
Boundary line tape (15m roll)	SH00000231 (EU)
	SH00000240 (USA, AU)
Side brushes	SH00000065
Power brush	SH00000063
Turn brush cover	SH00000064
Filter	SH00000213

For DVC350

Dust bag



Part No.
122918-6

Nozzle assembly

A: Standard equipment



Model No.	Size(mm)	Type	Part No.
DVC350	220	A	132025-7
	430	-	134182-7

For DCL501



	Type	Part No.
Hose	-	SH00000034
Straight pipe	Zoom pipe can be extended to allow for grip height adjustment to suit user's height.	SH00000060
Nozzle assembly	Flooring & carpet	SH00000058
Crevice nozzle	-	SH00000042

Dustcup set & Grip base set

*Standard equipment

Dustcup set

Photo:

198362-9



Grip base set

with Spacer assembly, Hex. bolt and grip base

Photo:

194583-1

Model No.	Dustcup set	Grip base set
	Part No.	Part No.
HR1840, HR1841F, DHR165, HR166D	198362-9	194581-5
HR2230, HR2460/F		194583-1
HR2470/F, HR2475, BHR262, DHR263, HR262D, DHR202, DHR241		194582-3
HR2432		198865-3
HR2800, HR2810, HR2811F		*
HR2300, HR2600, HR2601, HR2610, HR2611F, HR2630, HR2631F, HR2641	195048-6	*
HR2320T, HR2610T, HR2611FT, HR2630T, HR2631FT	195132-7	
DHR242, DHR280, DHR282, HR2650, HR2651 HR2661	195048-6	*
DHR243, DHR281, DHR283, HR2651T	195132-7	



Product Comparison List

Model No.	Dust class	Powered	Tank capacity Dust/ Water (L)	Tank type	Max Air Flow (m ³ / min)	Max Sealed Suction (kpa)	Switch of connected power tool
DVC864L	L (HEPA filter)	DC (LXT18Vx2)	8/- (Dust only)	Plastic	2.1**	9.8	AWS
DVC863L	L (HEPA filter)	DC (LXT18Vx2)	8/- (Dust only)	Plastic	2.1**	9.8	-
DVC862L	L	DC (LXT18Vx2)	8/6	Plastic	2.1**	9.8	-
DVC861L	L (HEPA filter)	AC/DC (LXT18Vx2)	8/- (Dust only)	Plastic	AC/DC : 3.6 / 2.1**	AC/DC : 24 / 9.0	-
DVC860L	L	AC/DC (LXT18Vx2)	8/6	Plastic	AC/DC : 3.6 / 2.1**	AC/DC : 24 / 9.0	-
DVC260	(HEPA filter)	DC (LXT18Vx2)	Filter bag 2.0/ Dust bag 1.5 (Dust only)	Dust bag or Filter bag	1.5*	7.1	-
DVC350	-	DC (LXT18Vx1)	3/- (Dust only)	Dust bag	1.4*	6.0	-
VC3211H	H	AC	32/27	Stainless steel	2.0* / 3.5**	22.0	Automatic
VC3211M	M	AC	32/27	Stainless steel	2.0* / 3.5**	22.0	Automatic
VC2211M	M	AC	22/17	Stainless steel	2.0* / 3.5**	22.0	Automatic
VC2201M	M	AC	22/17	Stainless steel	2.0* / 3.5**	22.0	-
VC3210L	L	AC	32/27	Stainless steel	2.0* / 3.5**	22.0	Automatic
VC2510L	L	AC	25/14	Plastic	2.0* / 3.5**	22.0	Automatic
VC1310L	L	AC	13/7	Plastic	2.0* / 3.5**	22.0	Automatic
VC4210M	M	AC	42/29	Plastic	4.5	25.0	Automatic
VC4210L	L	AC	42/29	Plastic	4.5	25.0	Automatic
VC3012M	M	AC	30/19	Plastic	3.7	25.0	Automatic
VC3012L	L	AC	30/19	Plastic	3.7	25.0	Automatic
VC3011L	L	AC	26/23	Stainless steel	3.6	21.0	Automatic
VC2512L	L	AC	21/18	Plastic	3.6	21.0	Automatic
VC2012L	L	AC	15/12	Stainless steel	3.6	21.0	Automatic

*with hose 28-25 **with hose 38-25



Safety Precautions

When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following.

/// KEEP WORK AREA CLEAN.

Cluttered areas and benches invite injuries.

/// CONSIDER WORK AREA ENVIRONMENT.

Don't use power tools in damp or wet locations. Keep work area well lit. Don't expose power tools to rain. Don't use power tool in presence of flammable liquids or gases.

/// KEEP CHILDREN AWAY.

All visitors should be kept away from work area. Don't let visitors touch the tool or extension cord.

/// STORE IDLE TOOLS.

When not in use, tools should be stored in a dry, high of locked up place, out of reach of children.

/// DON'T FORCE THE TOOL.

It will do the job better and safer at the rate for which it was intended.

/// USE THE RIGHT TOOL.

Don't force small tools or attachments to do the job of a heavy-duty tool. Don't use tools for purposes not intended.

/// DRESS PROPERLY.

Don't wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.

/// USE SAFETY GLASSES.

Also use face or dust mask if the cutting operation is dusty.

/// DON'T ABUSE THE CORD.

Never carry the tool by the cord or yank it to disconnect it from the socket. Keep the cord away from heat, oil, and sharp edges.

/// SECURE WORK.

Use clamps or a vise to hold the work. It's safer than using your hand and it frees both hands to operate the tool.

/// DON'T OVERREACH.

Keep proper footing and balance at all times.

/// MAINTAIN TOOLS WITH CARE.

Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubrication and changing accessories. Inspect tool cord periodically and if damaged, have it repaired by an authorized service facility. Inspect extension cords periodically and replace, if damaged. Keep handles dry, clean and free from oil and grease.

/// DISCONNECT TOOLS.

When not in use, before servicing and when changing accessories such as blades, bits and cutters.

/// REMOVE ADJUSTING KEYS AND WRENCHES.

Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.

/// AVOID UNINTENTIONAL STARTING.

Don't carry a plugged-in tool with a finger on the switch. Ensure switch is OFF when plugging in.

/// USE OUTDOOR EXTENSION CORDS.

When tool is used outdoors, use only extension cords intended for outdoor use.

/// STAY ALERT.

Watch what you are doing. Use common sense. Don't operate tool when you are tired.

/// CHECK DAMAGED PARTS.

Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, free running of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service facility. Don't use the tool if the switch does not turn it on and off.

/// GUARD AGAINST ELECTRIC SHOCK.

Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).

/// REPLACEMENT PARTS.

When servicing a tool, use only identical replacement parts.

/// VOLTAGE WARNING:

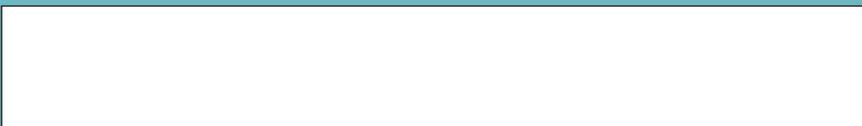
Before connecting the tool to a power source (receptacle, outlet, etc.) Be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in SERIOUS INJURY to the user V as well as damage to the tool. If in doubt, DO NOT PLUG IN THE TOOL. Using a power source with voltage less than the nameplate rating is harmful to the motor.

Note

- Makita reserves the right to change specifications of parts and accessories without notice.
- Items of standard equipment and specifications may vary by country or area.
- Net weight and dimensions may differ by the type of battery.
- Standard export color for motor housing is Makita industrial green (blue).
- Please state required voltage when ordering. These offers are subject to availability in each country. Actual product color may differ slightly from color reproduced here.
- Weight data in this catalogue is the value measured by us according to EPTA Procedure.

Guarantee

Every Makita tool is thoroughly inspected and tested before leaving the factory. It is guaranteed against defective workmanship and materials. Should any trouble develop, return the COMPLETE tool prepaid to Makita or point of purchase. If inspection shows trouble is caused by defective workmanship of material, all repairs will be made without charge. The guarantee does not apply where repairs have been made or attempted by others; repairs are due to normal wear; the tool has been abused or in an accident; misuse is evident – caused by overloading the tool beyond its capacity, use of the tool after partial failure or use with improper accessories.



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PRINTED IN JAPAN 201712