# Variable suction power control by dial

Suction power is variably adjustable to suit application or continuous rating input of connected power tool



## Large capacity of on-board storage

Convenient for compact storage of:

• Power supply cord



## For both Wet & Dry vacuum cleaning

Equipped with water level sensor







# Compatible with commercially available poly bags, allowing for:

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



#### Base hook

Convenient for compact storage of: Front cuffs, Hose, Power supply cord



Large capacity of on-board storage



### Caster stopper

prevents the vacuum cleaner from moving unintentionally during use with power tool or intermission of operation.



**Hose band** 

ties the air hose and a power supply cord of a connecting power tool together for added maneuverability.



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Vacuum Cleaner (Wet & Dry)
VC3211H

# Constantly high suction power

Dust is removed from the Prefilters while the machine is in operation.

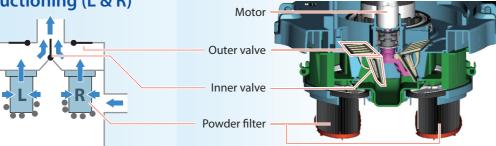


# **New Automatic Self-cleaning Filtration System** achieved by two triple structure filter units composed of Powder filter, Damper and Prefilter

- Constantly high suction power throughout operation because dust is removed from Prefilters every 10 seconds during operation.
- Easy filter cleaning simply by tapping dust off of Prefilter
- Quiet cleaning because Damper and Prefilter make no noise.



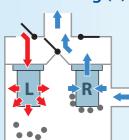
### Suctioning (L & R)



1) When switched on, the machine starts vacuum operation using two filter units, and each Prefilter of the two filter units collapses into itself to compress Damper, and fits closely over Damper and Powder filter.



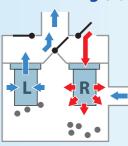
### Self-cleaning (L)



2) About 10 seconds after, the vacuum air flow toward one of the two filter units is automatically reversed by air flow control valves engaged with a DC motor powered cam, then the air blast forcibly expands compressed Damper to shake off dust from the Prefilter while the vacuum operation continues using the other filter unit.



#### Self-cleaning (R)



- 3) Immediately after 2), the other filter unit is automatically cleaned through the same mechanism as in 2) while the machine continues
- 4) Again, the machine starts vacuum operation using two filter units.



## **Wet & Dry Vacuum Cleaners** approved for Dust Class H in accordance with the EU standard





### Dust classes in accordance with the EU standard

Dust class	Major requirement	Dust permeability *4
<b>H</b> (VC3211H)	<ul> <li>Air flow sensor</li> <li>Filter protection structure *1</li> <li>Structure that requires a tool for filter removal/installation *2</li> <li>Structure that protects users from exposure to dust when emptying dust bag *3</li> </ul>	less than 0.005%
M	• Air flow sensor • Filter protection structure *1	less than 0.1%
L		less than 1%

- \*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