



VAC SERVICE – ENSURING VACS ARE DOING WHAT THEY SHOULD

June 2023



ANNUAL VAC SERVICE – WHAT IT IS AND WHY IT NEEDS TO BE DONE

Many Hilti customers request a vac check as a service. This is as a vac performs a very important role as part of a dust removal system. Its role is to provide a reverse flow of air (sometimes called a suction) through its pipe, so it can transport dust to the vac bin, and filter out the very fine particles in the vac filter. Just by looking at it and listening to it, you can't know if the flow rate is as per the manufacturer's specifications. You thus need to check it, once a year as per the Australian / New Zealand Standard AS/NZS 60335.2.69. It's also in the vac instruction manuals.

“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.”

We do this for M and H class vacuum cleaners. We place a sticker on the vac itself, and send a certificate back with the vacuum cleaner. As it is part of a standard, we do this automatically. It is only charged outside of the no-cost period and it is not charged for fleet tools ever. The cost of running these tests is AUD60, which is to cover the additional time the technician spends checking the tool, as well as the additional administrative step. If a vac comes in for another repair within the year it has been checked, this charge is not levied.

THIS IS WHAT THE CUSTOMER WILL SEE

Sticker on the vac

22	23	24	25	26	27
01	HILTI				12
02	VC SERVICE				11
03	05	06	07	08	09

Service Certificate

HILTI

Inspection Report Certificate

Vacuum Cleaner Type: L M H

Vacuum Cleaner serial no. _____

Customer name _____

Repair Notification no. _____

Date _____

The following inspection has been conducted according to AS / NZS 60355.2.69 (which includes IEC 60355-2-69) as follows:

- Visual / functional test
- Electrical safety inspection
- Air tightness inspection
- Air flow inspection
- Warning signal inspection
- Compliance according to IEC EN 60355.2.69

Next inspection service is required in 12 months.

For your next inspection, send the product to your local Hilti Tool Service Center.

Technician's name: _____

Signature: _____

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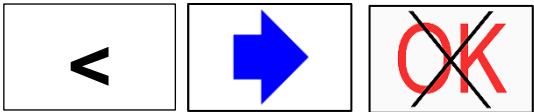
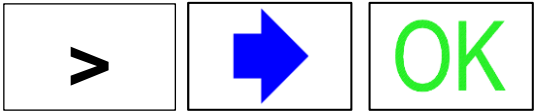
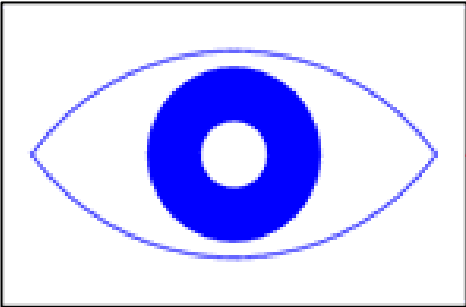
THIS IS WHAT'S ACTUALLY DONE FOR THE CHECK

Material No	Material Description	Quantity	Unit	Values	Unit
372017	Visual/function check	1	PC		
2376256	Visual/function check passed Corresponds to manual, measured w/o hose, check/exchange hose regularly	1	PC		
2376257	Electrical safety inspection passed	1	PC		
2376258	Air tightness inspection passed	1	PC		
2376259	Air flow inspection passed Corresponds to manual, measured with standard hose and new filter	1	PC		
2376390	Warning signal inspection passed	1	PC		
2376391	Compliance acc. IEC EN 60335-2-69 passed Test procedure for M-class, test acc. Annex 22.AA.201.2 not included	1	PC		
439174	Electrical safety check	1	PC		



TESTING → AIRFLOW HAS TO MEET SPECIFICATION

4.



Tool Type & Generation	Check Offered?	Vacuum (kPa)	Air Flow at Hose End (l/s)
VC 10H-22 01	Y	See Service Drawing	30
VC 10L-22 01	Y		30
VC 10M-22 01	Y		30
VC 140-2-22 01	Y		30
VC 150-10 X 01	Y		37,5
VC 150-10 X 02	Y		38
VC 150-10 XE 01	Y		37,5
VC 150-10 XE 02	Y		38
VC 150-6 X 01	Y		37,5
VC 150-6 X 02	Y		38
VC 150-6 XE 01	Y		37,5
VC 150-6 XE 02	Y		38
VC 20H-X 02	Y		39
VC 20L-X 01	Y		39
VC 20M-X 01	Y		39
VC 20-UL 02	Y		37,5
VC 20-UM 01	Y		37,5
VC 20-UM 02	Y		37,5
VC 20-UME 02	Y		37,5
VC 20-UM-Y 01	Y		37,7
VC 300-17 01	Y	44	
VC 40H-X 02	Y	39	
VC 40H-XE 01	Y	37,2	
VC 40L-X 01	Y	39	
VC 40M-X 01	Y	39	
VC 40-UL 02	Y	37,5	
VC 40-UM 01	Y	37,5	
VC 40-UM 02	Y	37,5	
VC 40-UM-Y 01	Y	37,7	
VC 60L-X 01	Y	44	
VC 60M-X 01	Y	44	