

# IP 65 TEST REPORT

PANASONIC CF-19, CF-30, CF-U1, & CF-H1

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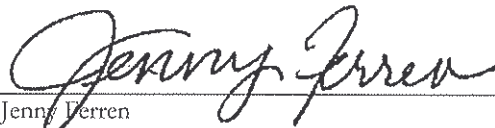
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# ENVIRONMENTAL TEST REPORT

PANASONIC CF-19, CF-30, CF-U1, & CF-H1

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## 1 EXECUTIVE SUMMARY

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Panasonic CF-19, CF-30, CF-U1, and CF-H1 computers were tested by Southwest Research Institute® to determine the degree of equipment protection provided by their enclosures against dust and water. The Panasonic CF-19, CF-30, CF-U1, and CF-H1 computers met the IP65 level (against ingress of solid foreign objects: dust-tight; against ingress of water: jetting). Each computer successfully booted the Microsoft® Windows® operating system following each test listed in the test summary (Table 2.1) below. All tests were conducted using IEC 60529 as a guideline document.

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## 2 TEST SUMMARY

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*Table 2.1 Summary of IP65 Testing Performed on the CF-19, CF-30, CF-U1, and CF-H1 Computers*

Test Description	Test Parameters	Pass/Fail*			
		CF-19	CF-30	CF-U1	CF-H1
Dust	IP 6x level: dust-tight	Pass	Pass	Pass	Pass
Water	IP x5 level: jetting	Pass	Pass	Pass	Pass

\* "Pass" indicates that the computer had no deposit of dust observable inside the enclosure as a result of the test exposure and that there was no water intrusion inside the enclosure that was sufficient enough to interfere with the correct operation of the equipment. Each computer successfully booted Microsoft® Windows® following each test.

