

Delco 2014

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List of Acronyms

FDS	Fire Dynamics Simulator
HGL	Hot Gas Layer
HRR	Heat Release Rate
HRRPUA	Heat Release Rate per Unit Area
NIST	National Institute of Standards and Technology

Section 1

Introduction

Section 2

Experimental Setup

2.1 Experimental Structure

2.1.1 Construction

The building was composed of concrete walls, as shown in Fig. ??.

2.2 Fuel Load



Figure 2.1: East (top) and West (bottom) Test Structures

Section 3

Results

3.1 Hose Flow Tests

3.1.1 Tests 18 and 19

Tests 18 and 19 both involved similar experimental setups

Clockwise vs. Counterclockwise Rotation

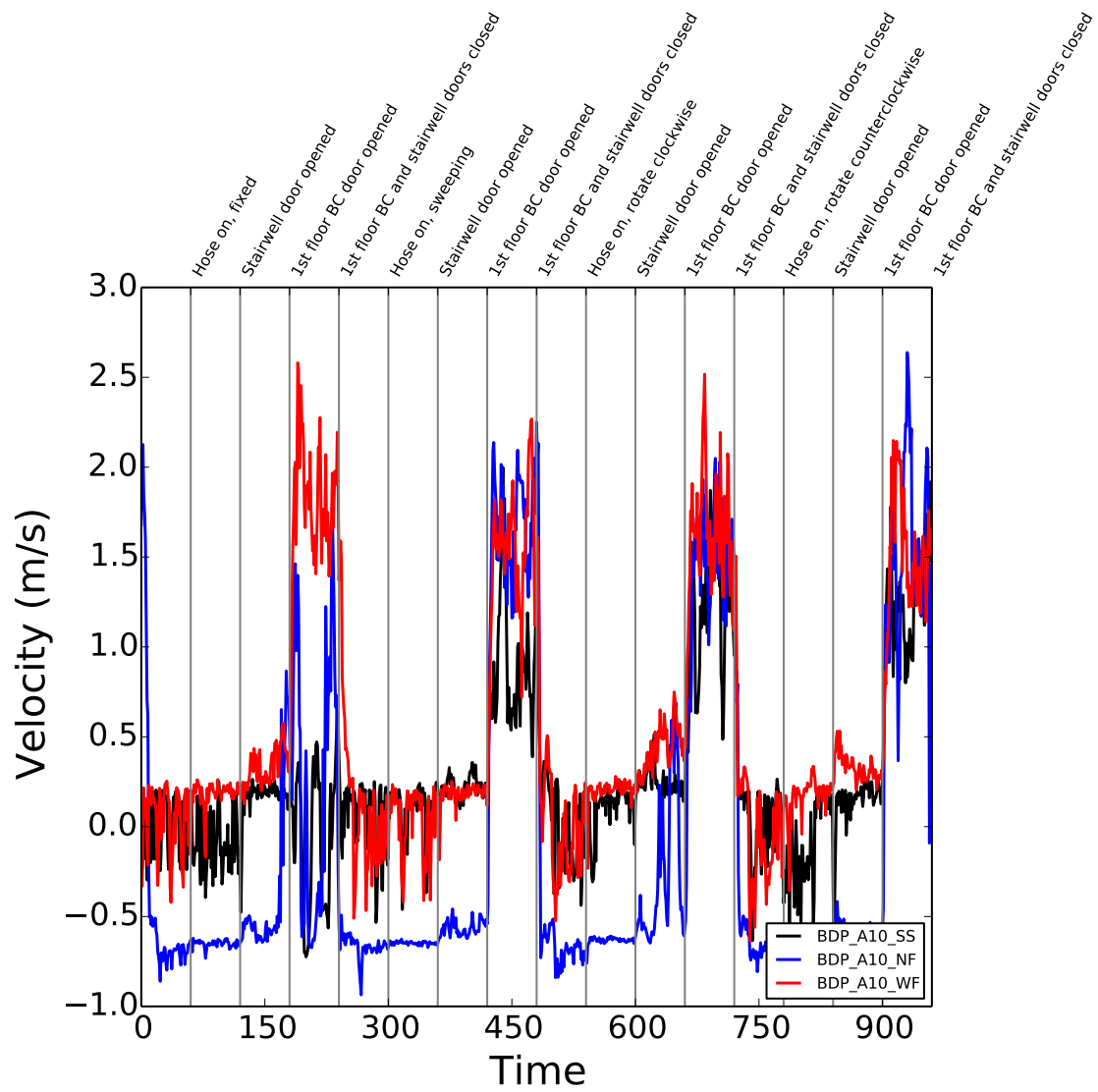


Figure 3.1: Velocity at Ceiling Level of Stairwell Door, Test 18, All Streams

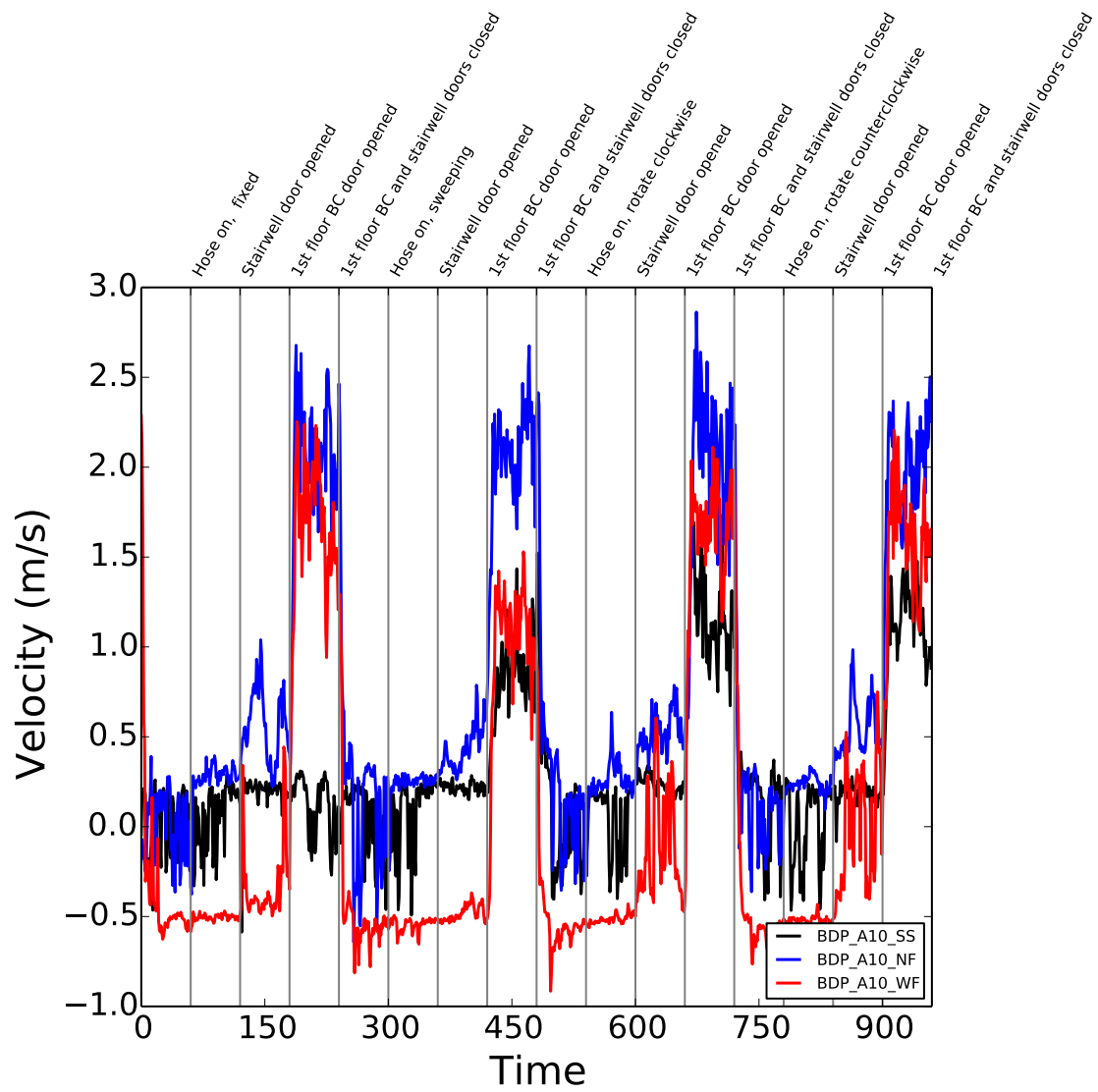


Figure 3.2: Velocity at Ceiling Level of Stairwell Door, Test 18, All Streams

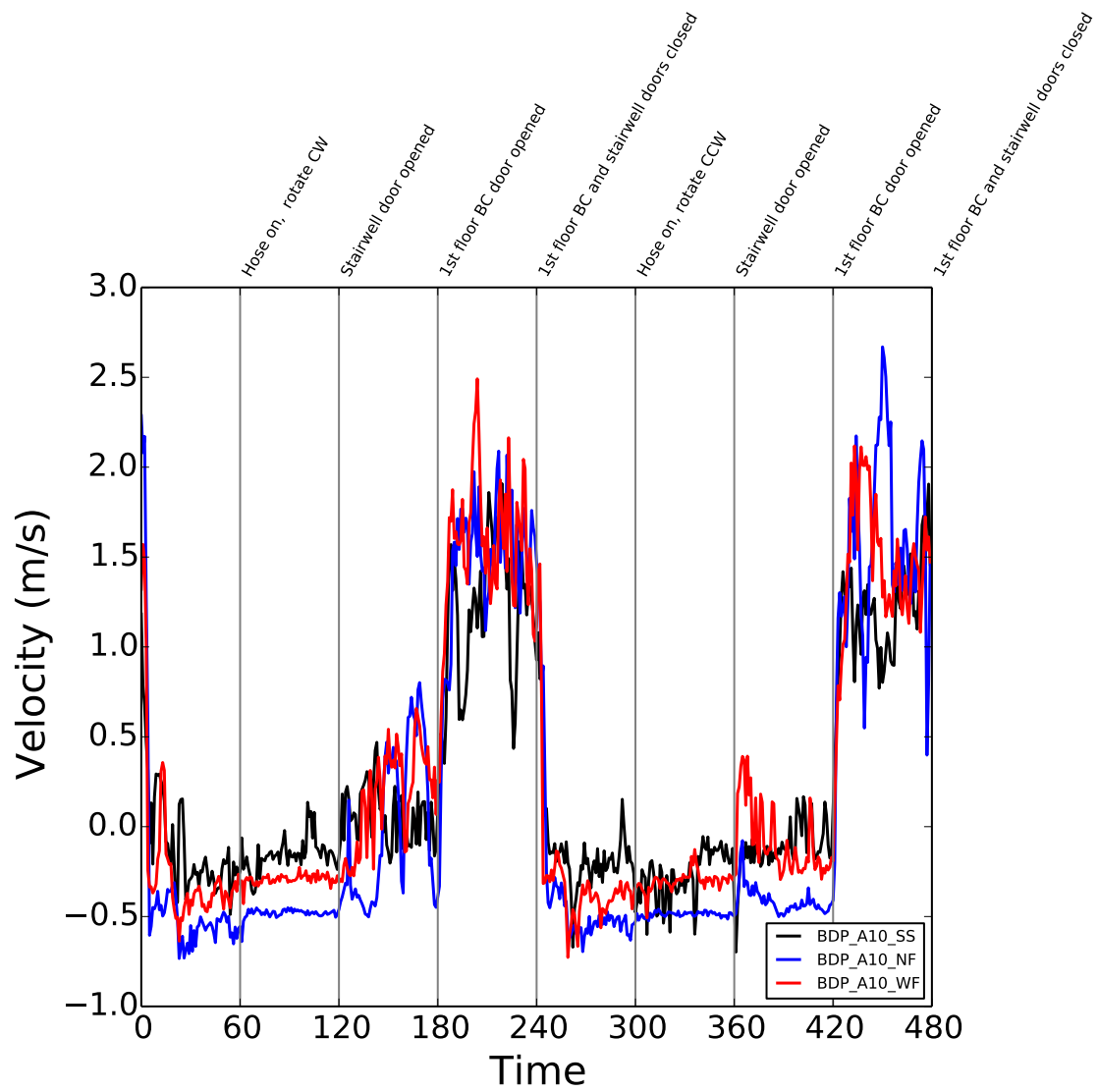


Figure 3.3: Velocity at Ceiling Level of Stairwell Door, Test 18, All Streams, CW vs. CCW

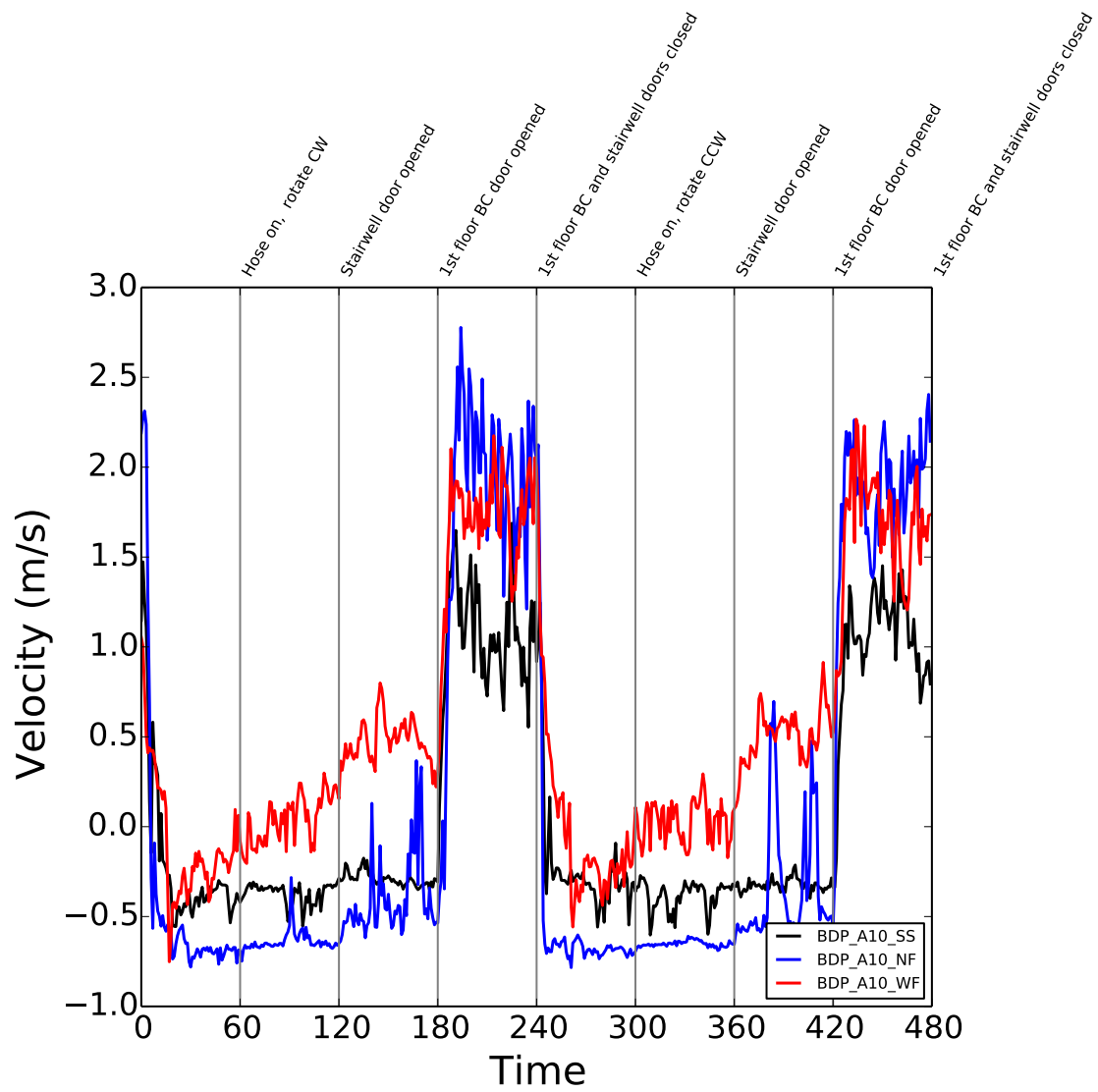


Figure 3.4: Velocity at Ceiling Level of Stairwell Door, Test 18, All Streams, CW vs. CCW

Section 4

Conclusions

Section 5

Acknowledgments

References

Appendix A

Appendix A

Placeholder