

**I European Developments before 1945:
The Field of Knowledge**

Urban Studies of Man-made Climates 11
An Introduction

1 Thermal Geographies of the European City 17
Urban Hygiene and the Heat Economy

2 Man-made Climate by Design 43
Urban Climatology and Modern Architecture

3 Democratizing Urban Nature 75
Infrastructures of Climate Control at Large Scales

**II Global Adaptations after 1945:
Three Design Metaphors**

Design Metaphors of Man-made Climates 115
An Introduction

4 Thermal Heritage 121
Collective Memory and the Natural History of Cities

5 Microclimatic Islands 155
Thermal Spectacles and Closed-system Imaginaries

6 Energy-Synergy 179
Energy Ecologies and Settlement Structures

III Epilogue

7 Singapore as a Model? 213
Urban Climate Control in Practice

Appendices

Endnotes 228

References 256

Index 265

About the Author 272

Acknowledgments 273

Illustration Credits 274