

**Standards Manager Web Standards List**  
**ASHRAE-American Society of Heating Refrigerating & Air-conditioning Engineers**

<b>Id</b>	<b>Number</b>	<b>Title</b>	<b>Year</b>	<b>Organization</b>	<b>Page</b>
1	35	Method of Testing Desiccants for Refrigerant Drying	2024	ASHRAE	
2	40	Methods of Testing for Rating Heat-Operated Unitary Air-Conditioning and Heat-Pump Equipment	2024	ASHRAE	
3	100	Energy Conservation in Existing Buildings	2024	ASHRAE	
4	193	Method of Test for Determining the Airtightness of HVAC Equipment	2024	ASHRAE	
5	GUIDELINE 42	Enhanced Indoor Air Quality in Commercial and Institutional Buildings	2023	ASHRAE	
6	161	Air Quality within Commercial Aircraft	2023	ASHRAE	
7	55	Thermal Environmental Conditions for Human Occupancy	2023	ASHRAE	
8	205	Representation of Performance Data for HVAC&R and Other Facility Equipment	2023	ASHRAE	97
9	214	Standard for Determining and Expressing Building Energy Performance in a Rating Program	2023	ASHRAE	14
10	GUIDELINE 10	Interactions Affecting the Achievement of Acceptable Indoor Environments	2023	ASHRAE	0
11	GUIDELINE 38	Guideline for Using Metal Pressure Vessels to Test Materials Used in Refrigeration Systems	2023	ASHRAE	0
12	41.13	Standard Methods for Fuel Higher Heating Value Measurement	2023	ASHRAE	0
13	211	Standard for Commercial Building Energy Audits	2023	ASHRAE	0
14	228	Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance	2023	ASHRAE	0
15	241	Control of Infectious Aerosols	2023	ASHRAE	0
16	241	Control of Infectious Aerosols	2023	ASHRAE	0
17	GUIDELINE 14	Guideline to Measurement of Energy and Demand Savings	2023	ASHRAE	
18	22	Methods of Testing for Rating Water-Cooled Refrigerant Condensers	2023	ASHRAE	
19	41.11	Standard Methods for Power Measurement	2023	ASHRAE	
20	181	Methods of Testing for Rating Liquid-to-Liquid Heat Exchangers	2023	ASHRAE	
21	514	Risk Management for Building Water Systems: Physical, Chemical, and Microbial Hazards	2023	ASHRAE	
22	41.8	Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters	2023	ASHRAE	
23	135.1	Method of Test for Conformance to BACnet«	2023	ASHRAE	
24	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2023	ASHRAE	
25	189.1	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential	2023	ASHRAE	
26	224	Standard for the Application of Building Information Modeling	2023	ASHRAE	
27	224	Standard for the Application of Building Information Modeling	2023	ASHRAE	
28	GUIDELINE 41	Design, Installation and Commissioning of Variable Refrigerant Flow (VRF) Systems	2023	ASHRAE	
29	GUIDELINE 21	Guide for the Ventilation and Thermal Management of Batteries for Stationary Applications	2022	ASHRAE	140
30	GUIDELINE 16	Selecting Outdoor, Return, and Relief Dampers for Air-Side Economizer Systems	2022	ASHRAE	0
31	23	Methods of Testing for Rating Positive Displacement Refrigerant Compressors and Condensing Units	2022	ASHRAE	0

32	41.3	Standard Methods for Pressure Measurement	2022	ASHRAE	0
33	103	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2022	ASHRAE	0
34	41.2	Standard Methods for Laboratory Airflow Measurement	2022	ASHRAE	0
35	118.2	Method of Testing for Rating Residential Water Heaters	2022	ASHRAE	0
36	120	Method of Testing to Determine Flow Resistance of HVAC Ducts and Fittings	2022	ASHRAE	0
37	139	Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for Regeneration Process	2022	ASHRAE	0
38	174	Method of Test for Rating Desiccant-Based Dehumidification Equipment	2022	ASHRAE	0
39	15.2	Safety Standard for Refrigeration Systems in Residential Applications	2022	ASHRAE	0
40	32.2	Methods of Testing for Rating Pre-Mix and Post-Mix Soft-Drink Vending and Dispensing Equipment	2022	ASHRAE	0
41	62.1	Ventilation for Acceptable Indoor Air Quality	2022	ASHRAE	0
42	62.2	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings	2022	ASHRAE	0
43	15	Safety Standard for Refrigeration Systems Notice	2022	ASHRAE	0
44	34	Designation and Safety Classification of Refrigerants	2022	ASHRAE	0
45	118.1	Method of Testing for Rating Commercial Gas, Electric, and Oil Water Heaters	2022	ASHRAE	0
46	154	Ventilation for Commercial Cooking Operations	2022	ASHRAE	0
47	17	Method of Testing Capacity of Electronic and Thermostatic Refrigerant Expansion Valves	2022	ASHRAE	0
48	113	Method of Testing for Room Air Diffusion	2022	ASHRAE	0
49	230	Commissioning Process for Existing Buildings and Systems	2022	ASHRAE	0
50	32.1	Methods of Testing for Rating Refrigerated Vending Machines for Sealed Beverages	2022	ASHRAE	18
51	90.1 I-P	Energy Standard for Buildings Except Low-Rise Residential Buildings	2022	ASHRAE	468
52	90.1 SI	Energy Standard for Buildings Except Low-Rise Residential Buildings	2022	ASHRAE	468
53	90.4	Energy Standard for Data Centers	2022	ASHRAE	62
54	41.7	Method of Test for Measurement of Flow of Gas	2021	ASHRAE	0
55	41.9	Calorimeter Test Methods for Mass Flow Measurements of Volatile Refrigerants	2021	ASHRAE	0
56	70	Method of Testing for Rating the Performance of Air Outlets and Inlets	2021	ASHRAE	0
57	138	Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling	2021	ASHRAE	0
58	170	Ventilation of Health Care Facilities	2021	ASHRAE	0
59	207	Laboratory Method of Test of Fault Detection and Diagnosis for Air Economizers	2021	ASHRAE	0
60	219	Method of Testing the Ability of Liquid Line Filter Driers or Adsorbents to Remove Organic Acid	2021	ASHRAE	0
61	GUIDELINE 33	Guideline for Documenting Indoor Airflow and Contaminant Transport Modeling	2021	ASHRAE	0
62	153	Method of Test for Mass Flow Capacity of Four-Way Refrigerant Reversing Valves	2021	ASHRAE	0
63	189.3	Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities	2021	ASHRAE	0
64	188	Legionellosis: Risk Management for Building Water Systems	2021	ASHRAE	0
65	GUIDELINE 36	High-Performance Sequences of Operation for HVAC Systems	2021	ASHRAE	0
66	153	Method of Test for Mass Flow Capacity of Four-Way Refrigerant Reversing Valves	2021	ASHRAE	0
67	189.3	Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities	2021	ASHRAE	0
68	188	Legionellosis: Risk Management for Building Water Systems	2021	ASHRAE	0
69	GUIDELINE 36	High-Performance Sequences of Operation for HVAC Systems	2021	ASHRAE	0

70	GUIDELINE 28	Air Quality within Commercial Aircraft	2021	ASHRAE	0
71	41.6	Standard Method for Humidity Measurement	2021	ASHRAE	0
72	164.4	Methods of Test for Commercial and Industrial Adiabatic Humidifiers	2021	ASHRAE	0
73	169	Climatic Data for Building Design Standards	2021	ASHRAE	0
74	GUIDELINE 11	Field Testing of HVAC Controls Components	2021	ASHRAE	0
75	215	Method of Test to Determine Leakage of Operating HVAC Air Distribution Systems	2021	ASHRAE	0
76	105	Standard Methods of Measuring and Expressing Building Energy Performance	2021	ASHRAE	0
77	160	Criteria for Moisture-Control Design Analysis in Buildings	2021	ASHRAE	0
78	62.1 Users Manual	Ventilation for Acceptable Indoor Air Quality	2020	ASHRAE	0
79	90.1 Users Manual	Energy Standard for Buildings Except Low-Rise Residential Buildings	2020	ASHRAE	0
80	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2020	ASHRAE	0
81	26	Mechanical Refrigeration and Air-Conditioning Installations Aboard Ship	2020	ASHRAE	0
82	28	Method of Testing Flow Capacity of Refrigerant Capillary Tubes	2020	ASHRAE	0
83	201	Facility Smart Grid Information Model	2020	ASHRAE	0
84	GUIDELINE 41	Design, Installation and Commissioning of Variable Refrigerant Flow (VRF) Systems	2020	ASHRAE	0
85	40304	NULL	2020	ASHRAE	0
86	40307	Adventures in Heat and Cold	2020	ASHRAE	0
87	90479	SMART GRID APPLIICATION GUIDE	2020	ASHRAE	0
88	41.1	Standard Method for Temperature Measurement	2020	ASHRAE	0
89	41.10	Flowmeter Test Methods for Mass Flow Measurement of Volatile Refrigerants	2020	ASHRAE	0
90	84	Method of Testing Air-to-Air Heat Exchangers	2020	ASHRAE	0
91	146	Method of Testing and Rating Pool Heaters	2020	ASHRAE	0
92	217	Non-Emergency Ventilation in Enclosed Road, Rail, and Mass Transit Facilities	2020	ASHRAE	0
93	225	Method for Performance Testing Centrifugal Refrigerant Compressors and Condensing Units	2020	ASHRAE	0
94	Guideline 12	Minimizing the Risk of Legionellosis Associated with Building Water Systems	2020	ASHRAE	0
95	135	BACnet a Data Communication Protocol for Building Automation and Control Networks	2020	ASHRAE	0
96	169	Climatic Data for Building Design Standards	2020	ASHRAE	0
97	41.11	Standard Methods for Power Measurement	2020	ASHRAE	0
98	55	Thermal Environmental Conditions for Human Occupancy	2020	ASHRAE	0
99	62.2 USER MANUAL	STANDARD 62.2 USER'S MANUAL	2020	ASHRAE	0
100	64	Methods of Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers	2020	ASHRAE	0
101	125	Method of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems	2020	ASHRAE	0
102	126	Method of Testing HVAC Air Ducts SMACNA Standard	2020	ASHRAE	0
103	127	Method of Testing for Rating Computer and Data Processing Room Unitary Air-Conditioners	2020	ASHRAE	0
104	182	Method of Testing Absorption Water-Chilling and Water-Heating Packages	2020	ASHRAE	0
105	183	Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings	2020	ASHRAE	0

106	184	Method of Test for Field Performance of Liquid-Chilling Systems	2020	ASHRAE	0
107	185.1	Method of Testing UV-C Lights for Use in Air-Handling Units or Air Ducts to Inactivate Airborne Microorganisms	2020	ASHRAE	0
108	185.2	Method of Testing Ultraviolet Lamps for Use in HVAC&R Units or Air Ducts to Inactivate Microorganisms on Irradiated Surfaces	2020	ASHRAE	0
109	189.1	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential	2020	ASHRAE	0
110	190	Method of Testing for Rating Indoor Pool Dehumidifiers	2020	ASHRAE	0
111	204	Method of Test for Rating Micro Combined Heat and Power Devices	2020	ASHRAE	0
112	216	Methods of Test for Determining Application Data of Overhead Circulator Fans	2020	ASHRAE	0
113	221	Test Method to Field-Measure and Score the Cooling and Heating Performance of an Installed Unitary HVAC System	2020	ASHRAE	0
114	90.1 USER MANUAL	STANDARD 90.1 USERS MANUAL	2019	ASHRAE	0
115	90459	Advanced Energy Design Guide for Small to Medium Office Buildings	2019	ASHRAE	0
116	90467	High-Performance Buildings Simplified	2019	ASHRAE	0
117	D-90467	High-Performance Buildings Simplified	2019	ASHRAE	0
118	D-MECP19	Modeling and Energy Consumption with Parallel and Series VAV Terminal Units with ECM and PSC Motors	2019	ASHRAE	0
119	188 ADD A	Legionellosis: Risk Management for Building Water Systems	2019	ASHRAE	0
120	218	Method of Test for Lubricant and Refrigerant Miscibility Determination	2019	ASHRAE	0
121	GUIDELINE 1.2	Technical Requirements for the Commissioning Process for Existing HVAC&R Systems and Assemblies	2019	ASHRAE	0
122	GUIDELINE 4	Preparation of Operations and Maintenance Documentation for HVAC&R Systems	2019	ASHRAE	0
123	37	Methods of Testing for Rating Unitary Air-Conditioning and Heat Pump Equipment	2019	ASHRAE	0
124	41.8	Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters	2019	ASHRAE	0
125	62.2	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings	2019	ASHRAE	0
126	90.4	Energy Standard for Data Centers	2019	ASHRAE	0
127	135.1	Method of Test for Conformance to BACnet«	2019	ASHRAE	0
128	15 ERTA	Safety Standard for Refrigeration Systems and Designation and Classification of Refrigerants	2019	ASHRAE	0
129	15	Safety Standard for Refrigeration Systems Notice	2019	ASHRAE	0
130	20	Method of Testing for Rating Remote Mechanical-Draft Air-Cooled Refrigerant Condensers	2019	ASHRAE	0
131	23.1	Methods of Testing for Rating the Performance of Positive Displacement Refrigerant Compressors and Condensing Units that Operate at Subcritical Temperatures of the Refrigerant	2019	ASHRAE	0
132	23.2	Methods of Test for Rating the Performance of Positive Displacement Compressors that Operate at Supercritical Pressures of the Refrigerants	2019	ASHRAE	0
133	24	Methods of Testing for Rating Liquid Coolers	2019	ASHRAE	0
134	26 ERTA	Mechanical Refrigeration and Air-Conditioning Installations Aboard Ship	2019	ASHRAE	0
135	30	Methods of Testing Liquid-Chilling Packages First Public Review	2019	ASHRAE	0
136	34 ADD Q	Energy Guideline for Historic Buildings	2019	ASHRAE	0
137	34 ADD S	Energy Guideline for Historic Buildings	2019	ASHRAE	0
138	34 ADD T	Energy Guideline for Historic Buildings	2019	ASHRAE	0
139	34 ADD V	Energy Guideline for Historic Buildings	2019	ASHRAE	0
140	37 ERTA	Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment	2019	ASHRAE	0
141	55 ERTA	Thermal Environmental Conditions for Human Occupancy	2019	ASHRAE	0
142	62.1 ADD M	Ventilation for Acceptable Indoor Air Quality	2019	ASHRAE	0

143	62.1 ADD T	Ventilation for Acceptable Indoor Air Quality	2019	ASHRAE	0
144	62.1	Ventilation for Acceptable Indoor Air Quality	2019	ASHRAE	0
145	62.2 INT 5	Ventilation and Acceptable Indoor Air Quality in Residential Buildings	2019	ASHRAE	0
146	90.1 ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2019	ASHRAE	0
147	90.1	Energy Standard for Buildings Except Low-Rise Residential Buildings	2019	ASHRAE	0
148	90.4 ADD D	Energy Standard for Data Centers	2019	ASHRAE	0
149	90.4 ADD F	Energy Standard for Data Centers	2019	ASHRAE	0
150	90.4 ADD G	Energy Standard for Data Centers	2019	ASHRAE	0
151	90.4 ADD I	Energy Standard for Data Centers	2019	ASHRAE	0
152	103 ERTA	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2019	ASHRAE	0
153	111 ERTA	Testing, Adjusting, and Balancing of Building HVAC Systems	2019	ASHRAE	0
154	135 ADD BR	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
155	135 ADD BS	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
156	135 ADD BT	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
157	135 ADD BU	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
158	135 ADD BW	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
159	135 ADD BY	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
160	135 ADD BZ	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
161	135.1 INT 1	Method of Test for Conformance to BACnet	2019	ASHRAE	0
162	139	Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for Regeneration Process	2019	ASHRAE	0
163	147	Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems	2019	ASHRAE	0
164	150	Method of Testing the Performance of Cool Storage Systems	2019	ASHRAE	0
165	158.1	Methods of Testing Capacity of Refrigerant Solenoid Valves	2019	ASHRAE	0
166	161 ADD A	Air Quality within Commercial Aircraft	2019	ASHRAE	0
167	161 ADD B	Air Quality within Commercial Aircraft	2019	ASHRAE	0
168	161 ADD C	Air Quality within Commercial Aircraft	2019	ASHRAE	0
169	161 ADD D	Air Quality within Commercial Aircraft	2019	ASHRAE	0
170	161 ADD E	Air Quality within Commercial Aircraft	2019	ASHRAE	0
171	189.3 ADD A	Construction, and Operation of Sustainable High-Performance Health Care Facilities	2019	ASHRAE	0
172	212	Method of Test for Determining Energy Performance and Water-Use Efficiency of Add-On Evaporative Precoolers for Unitary Air-Conditioning Equipment	2019	ASHRAE	0
173	GUIDELINE 0	The Commissioning Process	2019	ASHRAE	0
174	GUIDELINE 1.4 ERTA	Preparing Systems Manuals for Facilities?	2019	ASHRAE	0
175	GUIDELINE 1.4	Preparing Systems Manuals for Facilities	2019	ASHRAE	0
176	GUIDELINE 29	Guideline for the Risk Management of Public Health and Safety in Buildings	2019	ASHRAE	0
177	GUIDELINE 34	Energy Guideline for Historic Buildings	2019	ASHRAE	0
178	GUIDELINE 36 ADD A	High-Performance Sequences of Operation for HVAC Systems	2019	ASHRAE	0

179	GUIDELINE 36 ADD B	High-Performance Sequences of Operation for HVAC Systems	2019	ASHRAE	0
180	GUIDELINE 36 ADD C	High-Performance Sequences of Operation for HVAC Systems	2019	ASHRAE	0
181	GUIDELINE 36 ADD D	High-Performance Sequences of Operation for HVAC Systems	2019	ASHRAE	0
182	GUIDELINE 36 ADD E	High-Performance Sequences of Operation for HVAC Systems	2019	ASHRAE	0
183	RP-1719	Design Guide for Cool Thermal Storage	2019	ASHRAE	0
184	34	Designation and Safety Classification of Refrigerants	2019	ASHRAE	0
185	GUIDELINE 28 ADD B	Air Quality within Commercial Aircraft	2018	ASHRAE	0
186	GUIDELINE 28 ADD C	Air Quality within Commercial Aircraft	2018	ASHRAE	0
187	135 ERTA	A Data Communication Protocol for Building Automation and Control Networks	2018	ASHRAE	0
188	184 ADD A	Method of Test for Field Performance of Liquid-Chilling Systems	2018	ASHRAE	0
189	GUIDELINE 21	Guide for the Ventilation and Thermal Management of Batteries for Stationary Applications	2018	ASHRAE	0
190	41.7	Method of Test for Measurement of Flow of Gas	2018	ASHRAE	0
191	90307	Commissioning Stakeholders' Guide	2018	ASHRAE	0
192	200	Methods of Testing Chilled Beams	2018	ASHRAE	0
193	90454	IT Equipment Power Trends - Third Edition	2018	ASHRAE	0
194	15 INT 1	SAFETY STANDARD FOR REFRIGERATION SYSTEMS	2018	ASHRAE	0
195	147 ADD B	Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems	2018	ASHRAE	0
196	34 ADD N	Designation and Safety Classification of Refrigerants	2018	ASHRAE	0
197	189.1 ERTA	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
198	90.1-2016 SI INT 6	Energy Standard for Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
199	209	Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
200	90.4 ADD A	Energy Standard for Data Centers	2018	ASHRAE	0
201	161	Air Quality within Commercial Aircraft	2018	ASHRAE	0
202	22	Methods of Testing for Rating Liquid-Cooled Refrigerant Condensers	2018	ASHRAE	0
203	GUIDELINE 16	Selecting Outdoor, Return, and Relief Dampers for Air-Side Economizer Systems	2018	ASHRAE	0
204	147 ADD E	Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems	2018	ASHRAE	0
205	201 ERTA	Facility Smart Grid Information Model Errata	2018	ASHRAE	0
206	202 ADD B	Commissioning Process for Buildings and Systems	2018	ASHRAE	0
207	90326	ASHRAE GreenGuide Design, Construction, and Operation of Sustainable Buildings - Fifth Edition	2018	ASHRAE	0
208	62.1 INT 3	VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY	2018	ASHRAE	0
209	90.4 ADD B	Energy Standard for Data Centers	2018	ASHRAE	0
210	62.1 INT 4	VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY	2018	ASHRAE	0
211	62.2 ERTA	Ventilation and Acceptable Indoor Air Quality in Residential Buildings	2018	ASHRAE	0
212	POCKET GUIDE I-P	Pocket Guide for Air Conditioning, Heating, Ventilation, Refrigeration (I-P Edition) - 9th Edition	2018	ASHRAE	0

213	POCKET GUIDE SI	POCKET GUIDE for Air Conditioning, Heating, Ventilation, Refrigeration (SI Edition) - 9th Edition	2018	ASHRAE	0
214	AEDG ZE K12	Advanced Energy Design Guide for K-12 School Buildings Achieving Zero Energy	2018	ASHRAE	0
215	181	Methods of Testing for Rating Liquid-to-Liquid Heat Exchangers	2018	ASHRAE	0
216	100	Energy Efficiency in Existing Buildings	2018	ASHRAE	0
217	GUIDELINE 1.3	Building Operations and Maintenance Training for the HVAC&R Commissioning Process	2018	ASHRAE	0
218	90571	Design Guide for Air Terminal Units Selection, Application, Control, and Commissioning	2018	ASHRAE	0
219	90.1-2016 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
220	15 ADD A	NULL	2018	ASHRAE	0
221	15 ADD E	NULL	2018	ASHRAE	0
222	32.2	Methods of Testing for Rating Pre-Mix and Post-Mix Soft-Drink Vending and Dispensing Equipment	2018	ASHRAE	0
223	34 ADD J	NULL	2018	ASHRAE	0
224	34 ADD K	NULL	2018	ASHRAE	0
225	34 ADD L	NULL	2018	ASHRAE	0
226	34 ADD M	NULL	2018	ASHRAE	0
227	41.2	Standard Methods for Laboratory Airflow Measurement R(1992)	2018	ASHRAE	0
228	41.9	Calorimeter Test Methods for Mass Flow Measurements of Volatile Refrigerants	2018	ASHRAE	0
229	72	Method of Testing Open Refrigerators	2018	ASHRAE	0
230	90.1-2016 I-P INT 6	NULL	2018	ASHRAE	0
231	90.1 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
232	90.1 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
233	90.4 ERTA	Energy Standard for Data Centers	2018	ASHRAE	0
234	103 ERTA	Methods of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2018	ASHRAE	0
235	128	Method of Rating Unitary Spot Air Conditioners Errata March 6, 2002	2018	ASHRAE	0
236	135 ADD BD	NULL	2018	ASHRAE	0
237	135 ADD BE	NULL	2018	ASHRAE	0
238	135 ADD BI	NULL	2018	ASHRAE	0
239	135 ADD BK	NULL	2018	ASHRAE	0
240	135 ADD BL	NULL	2018	ASHRAE	0
241	135 ADD BM	NULL	2018	ASHRAE	0
242	135 ADD BN	NULL	2018	ASHRAE	0
243	135 ADD BP	NULL	2018	ASHRAE	0
244	135 ADD BQ	A Data Communication Protocol for Building Automation and Control Networks	2018	ASHRAE	0
245	135.1 ERTA	NULL	2018	ASHRAE	0
246	147 ADD A	NULL	2018	ASHRAE	0
247	147 ADD C	NULL	2018	ASHRAE	0
248	147 ADD D	NULL	2018	ASHRAE	0
249	158.2	Methods of Testing Capacity of Refrigerant Pressure Regulators	2018	ASHRAE	0
250	170 ERTA	Ventilation of Health Care Facilities - Includes ANSI/ASHRAE/ASHE addenda listed in Appendix C	2018	ASHRAE	0

251	174	Method of Test for Rating Desiccant-Based Dehumidification Equipment	2018	ASHRAE	0
252	180	Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems	2018	ASHRAE	0
253	188	Legionellosis: Risk Management for Building Water Systems	2018	ASHRAE	0
254	202	Commissioning Process for Buildings and Systems	2018	ASHRAE	0
255	203	NULL	2018	ASHRAE	0
256	211	Standard for Commercial Building Energy Audits	2018	ASHRAE	0
257	215	Method of Test to Determine Leakage of Operating HVAC Air Distribution Systems	2018	ASHRAE	0
258	222	Standard Method of Test for Electrical Power Drive Systems	2018	ASHRAE	0
259	90456	GUIDE for Sustainable Refrigerated Facilities and Refrigeration Systems	2018	ASHRAE	0
260	90458	Residential INDOOR AIR QUALITY Guide	2018	ASHRAE	0
261	DIRECTRIZ 1.3	NULL	2018	ASHRAE	0
262	GUIDELINE 11	Field Testing of HVAC Controls Components	2018	ASHRAE	0
263	GUIDELINE 16 ERTA	Selecting Outdoor, Return, and Relief Dampers for Air-Side Economizer Systems	2018	ASHRAE	0
264	GUIDELINE 32	Management for Sustainable High-Performance Operations and Maintenance	2018	ASHRAE	0
265	GUIDELINE 36	High-Performance Sequences of Operation for HVAC Systems	2018	ASHRAE	0
266	GUIDELINE 38	Guideline for Using Metal Pressure Vessels to Test Materials Used in Refrigeration Systems	2018	ASHRAE	0
267	REFRIGERATI ON IP HANDBOOK	NULL	2018	ASHRAE	0
268	REFRIGERATI ON SI HANDBOOK	NULL	2018	ASHRAE	0
269	90.2	Energy-Efficient Design of Low-Rise Residential Buildings	2018	ASHRAE	0
270	25	Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration	2018	ASHRAE	0
271	90.1-2016 I-P ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
272	41.9 ERTA	Standard Methods for Volatile-Refrigerant Mass Flow Measurements Using Calorimeters	2017	ASHRAE	0
273	135 INT 4	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
274	189.1 ERTA	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
275	188 ADD A	Legionellosis: Risk Management for Building Water Systems	2017	ASHRAE	0
276	199 ERTA	Method of Testing the Performance of Industrial Pulse Cleaned Dust Collectors	2017	ASHRAE	0
277	GUIDELINE 1.5	The Commissioning Process for Smoke Control Systems	2017	ASHRAE	0
278	184 ERTA	Method of Test for Field Performance of Liquid-Chilling Systems	2017	ASHRAE	0
279	135 ERTA	A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
280	188 ADD D	Legionellosis: Risk Management for Building Water Systems	2017	ASHRAE	0
281	90.1-2016 I-P INT 3	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
282	CFSP	Design Guide for Cleanrooms Fundamentals, Systems, and Performance	2017	ASHRAE	0



283	52.2	Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size	2017	ASHRAE	0
284	DOAS	Design Guide for Dedicated Outdoor Air Systems	2017	ASHRAE	0
285	90.1-2016 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
286	214	Standard for Determining and Expressing Building Energy Performance in a Rating Program	2017	ASHRAE	0
287	90.1-2016 I-P ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
288	90.1-2016 SI INT 5	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
289	62.2 ERTA	Ventilation and Acceptable Indoor Air Quality in Residential Buildings	2017	ASHRAE	0
290	GUIDELINE 40	Refrigeration Oil Description	2017	ASHRAE	0
291	194	Method of Test for Direct-Expansion Ground-Source Heat Pumps	2017	ASHRAE	0
292	185.1 ERTA	Method of Testing UV-C Lights for Use in Air-Handling Units or Air Ducts to Inactivate Airborne Microorganisms	2017	ASHRAE	0
293	170	Ventilation of Health Care Facilities - Includes ANSI/ASHRAE/ASHE addenda listed in Appendix C	2017	ASHRAE	0
294	120	Method of Testing to Determine Flow Resistance of HVAC Ducts and Fittings	2017	ASHRAE	0
295	171	Method of Testing for Rating Seismic and Wind Restraints	2017	ASHRAE	0
296	90.1-2016 I-P ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
297	PRINCIPLES OF HEATING VEN	Principles of Heating Ventilating and Air Conditioning - Edition 8; 90569	2017	ASHRAE	0
298	135 INT 6	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
299	90.1-2016 I-P INT 2	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
300	90.1-2016 SI INT 4	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
301	30	Method of Testing Liquid Chillers	2017	ASHRAE	0
302	135 INT 5	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
303	135 INT 9	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
304	103	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2017	ASHRAE	0
305	200 ADD B	Methods of Testing Chilled Beams	2017	ASHRAE	0
306	32.1	Methods of Testing for Rating Refrigerated Vending Machines for Sealed Beverages	2017	ASHRAE	0
307	GUIDELINE 39	Method of Test for Measuring Fractionated Compositions of Refrigerant Blends	2017	ASHRAE	0
308	189.3	Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities	2017	ASHRAE	0
309	135 INT 8	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
310	188 ADD C	Legionellosis: Risk Management for Building Water Systems	2017	ASHRAE	0
311	169 ERTA	Climatic Data for Building Design Standards	2017	ASHRAE	0
312	55	Thermal Environmental Conditions for Human Occupancy - Includes ANSI/ASHRAE addenda listed in Appendix N	2017	ASHRAE	0
313	55 ADD A	Thermal Environmental Conditions for Human Occupancy	2017	ASHRAE	0
314	172	Method of Test for Insoluble Materials in Synthetic Lubricants and HFC Refrigerant Systems	2017	ASHRAE	0
315	202 ADD A	Commissioning Process for Buildings and Systems	2017	ASHRAE	0

316	62.2 ADD B, D, K, L, Q AN	Ventilation and Acceptable Indoor Air Quality in Residential Buildings	2017	ASHRAE	0
317	15 ADD F	Safety Standard for Refrigeration Systems	2017	ASHRAE	0
318	189.1 ERTA	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
319	189.1	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential	2017	ASHRAE	0
320	135 INT 7	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
321	188 ADD B	Legionellosis: Risk Management for Building Water Systems	2017	ASHRAE	0
322	135 INT 3	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
323	103 ERTA	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2017	ASHRAE	0
324	90.1-2016 I-P INT 1	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
325	63.2	Method of Testing Liquid-Line Filter Drier Filtration Capability	2017	ASHRAE	0
326	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2017	ASHRAE	0
327	34 ADD C	Designation and Safety Classification of Refrigerants	2017	ASHRAE	0
328	90.1-2016 SI	Energy Standard for Buildings Except Low-Rise Residential Buildings - Includes ANSI/ASHRAE/IES addenda listed in Appendix H	2016	ASHRAE	0
329	UFAD O&M GUIDE	UFAD O&M GUIDE A Practical Guide for Operation and Maintenance of Underfloor Air Distribution Systems	2016	ASHRAE	0
330	15 & 34	ASHRAE Standard 34-2016 Safety Standard for Refrigeration Systems / ASHRAE Standard 34-2016 Designation and Safety Classification of Refrigerants - ASHRAE Standard 34-2016: Includes ANSI/ASHRAE addenda listed in Appendix F / ASHRAE Standard 34-2016: Inclu	2016	ASHRAE	0
331	90.1 Users Manual	Energy Standard for Buildings Except Low-Rise Residential Buildings	2016	ASHRAE	0
332	90.1 Users Manual SI	Energy Standard for Buildings Except Low-Rise Residential Buildings	2016	ASHRAE	0
333	160	Criteria for Moisture-Control Design Analysis in Buildings	2016	ASHRAE	0
334	51	Laboratory Methods of Testing Fans for Aerodynamic Performance Rating	2016	ASHRAE	0
335	90.1-2016 I-P	Energy Standard for Buildings Except Low-Rise Residential Buildings	2016	ASHRAE	0
336	62.1 Users Manual	Ventilation for Acceptable Indoor Air Quality	2016	ASHRAE	0
337	29 ERTA	Method of Testing Automatic Ice Makers	2016	ASHRAE	0
338	62.2 User Manual	Ventilation And Acceptable Indoor Air Quality In Residential Buildings	2016	ASHRAE	0
339	ST-16-017	Performance Analysis of a Ground-Source Heat Pump System Using Mine Water as Heat Sink and Source	2016	ASHRAE	0
340	D-90273	Ventilation and Acceptable Indoor Air Quality in Residential Buildings	2016	ASHRAE	0
341	GUIDELINE 20	Documenting HVAC&R Work Processes and Data Exchange Requirements	2016	ASHRAE	0
342	GUIDELINE 28	Air Quality within Commercial Aircraft	2016	ASHRAE	0
343	GUIDELINE 33	Guideline for Documenting Indoor Airflow and Contaminant Transport Modeling	2016	ASHRAE	0
344	124	Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances	2016	ASHRAE	0
345	125	Method of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems	2016	ASHRAE	0
346	138	Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling	2016	ASHRAE	0
347	164.2	Method of Test for Residential Self-Contained Humidifiers	2016	ASHRAE	0

348	ST-16-001	NULL	2016	ASHRAE	0
349	ST-16-002	NULL	2016	ASHRAE	0
350	ST-16-003	NULL	2016	ASHRAE	0
351	ST-16-004	NULL	2016	ASHRAE	0
352	ST-16-005	NULL	2016	ASHRAE	0
353	ST-16-006	NULL	2016	ASHRAE	0
354	ST-16-007	NULL	2016	ASHRAE	0
355	ST-16-008	NULL	2016	ASHRAE	0
356	ST-16-009	NULL	2016	ASHRAE	0
357	ST-16-010	NULL	2016	ASHRAE	0
358	ST-16-012	NULL	2016	ASHRAE	0
359	ST-16-013	NULL	2016	ASHRAE	0
360	ST-16-014	NULL	2016	ASHRAE	0
361	ST-16-015	NULL	2016	ASHRAE	0
362	ST-16-016	NULL	2016	ASHRAE	0
363	ST-16-018	NULL	2016	ASHRAE	0
364	ST-16-019	NULL	2016	ASHRAE	0
365	ST-16-020	NULL	2016	ASHRAE	0
366	ST-16-022	NULL	2016	ASHRAE	0
367	ST-16-023	NULL	2016	ASHRAE	0
368	ST-16-024	NULL	2016	ASHRAE	0
369	ST-16-025	NULL	2016	ASHRAE	0
370	ST-16-026	NULL	2016	ASHRAE	0
371	ST-16-027	NULL	2016	ASHRAE	0
372	33 ERTA	NULL	2016	ASHRAE	0
373	34 ERTA	NULL	2016	ASHRAE	0
374	52.2 ADD E	NULL	2016	ASHRAE	0
375	52.2 ADD F	NULL	2016	ASHRAE	0
376	55 ERTA	Thermal Environmental Conditions for Human Occupancy	2016	ASHRAE	0
377	62.1	Ventilation for Acceptable Indoor Air Quality	2016	ASHRAE	0
378	62.2 ERTA	NULL	2016	ASHRAE	0
379	62.2	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings	2016	ASHRAE	0
380	79 ERTA	NULL	2016	ASHRAE	0
381	90.1-2013 I-P ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2016	ASHRAE	0
382	90.1-2013 I-P INT 8	NULL	2016	ASHRAE	0
383	90.1-2013 I-P INT 9	NULL	2016	ASHRAE	0
384	90.1-2013 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2016	ASHRAE	0
385	90.1-2013 SI INT 8	NULL	2016	ASHRAE	0

386	90.1-2013 SI INT 9	NULL	2016	ASHRAE	0
387	110 ERTA	NULL	2016	ASHRAE	0
388	135 ADD AJ	NULL	2016	ASHRAE	0
389	135 ADD AM	NULL	2016	ASHRAE	0
390	135 ADD AQ	NULL	2016	ASHRAE	0
391	135 ADD BA	NULL	2016	ASHRAE	0
392	135 ADD BC	NULL	2016	ASHRAE	0
393	135 ADD BF	NULL	2016	ASHRAE	0
394	135 ADD BG	NULL	2016	ASHRAE	0
395	135 ADD BH	NULL	2016	ASHRAE	0
396	145.2 ERTA	NULL	2016	ASHRAE	0
397	170 ADD C	NULL	2016	ASHRAE	0
398	170 ADD F	NULL	2016	ASHRAE	0
399	170 ADD H	NULL	2016	ASHRAE	0
400	170 INT 8	NULL	2016	ASHRAE	0
401	170 INT 9	NULL	2016	ASHRAE	0
402	199	NULL	2016	ASHRAE	0
403	201	NULL	2016	ASHRAE	0
404	90462	NULL	2016	ASHRAE	0
405	GUIDELINE 10 ADD G	NULL	2016	ASHRAE	0
406	15 & 34 INT 2	NULL	2016	ASHRAE	0
407	15 & 34 INT 3	NULL	2016	ASHRAE	0
408	15 ADD B	NULL	2016	ASHRAE	0
409	15 ADD C	NULL	2016	ASHRAE	0
410	15 ADD E	NULL	2016	ASHRAE	0
411	15 ADD G	NULL	2016	ASHRAE	0
412	16	Method of Testing for Rating Room Air Conditioners and Packaged Terminal Air Conditioners R(1999)	2016	ASHRAE	0
413	29 ERRETA	NULL	2016	ASHRAE	0
414	33	Method of Testing Forced Circulation Air Cooling and Air Heating Coils	2016	ASHRAE	0
415	34 ADD AA	NULL	2016	ASHRAE	0
416	34 ADD AB	NULL	2016	ASHRAE	0
417	34 ADD AC	NULL	2016	ASHRAE	0
418	34 ADD AD	NULL	2016	ASHRAE	0
419	34 ADD AF	NULL	2016	ASHRAE	0
420	34 ADD AG	NULL	2016	ASHRAE	0
421	34 ADD AH	NULL	2016	ASHRAE	0
422	34 ADD AI	NULL	2016	ASHRAE	0
423	34 ADD AJ	NULL	2016	ASHRAE	0
424	34 ADD Y	NULL	2016	ASHRAE	0
425	34 ADD Z	NULL	2016	ASHRAE	0

426	37 ERTA	NULL	2016	ASHRAE	0
427	41.8	Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters	2016	ASHRAE	0
428	62.1 ERTA	Ventilation for Acceptable Indoor Air Quality	2016	ASHRAE	0
429	62.1 INT 1	NULL	2016	ASHRAE	0
430	90.1-2016 SI ERTA	NULL	2016	ASHRAE	0
431	90.4	NULL	2016	ASHRAE	0
432	103 ERTA	NULL	2016	ASHRAE	0
433	110	Method of Testing Performance of Laboratory Fume Hoods	2016	ASHRAE	0
434	124 ERTA	NULL	2016	ASHRAE	0
435	126	Method of Testing HVAC Air Ducts SMACNA Standard 126-2000	2016	ASHRAE	0
436	130	Methods of Testing for Rating Ducted Air Terminal Units	2016	ASHRAE	0
437	135 ERTA	NULL	2016	ASHRAE	0
438	135 INT 1	NULL	2016	ASHRAE	0
439	135 INT 2	NULL	2016	ASHRAE	0
440	135	Data Communication Protocol for Building Automation and Control Networks Errata February 2, 1998; Addendum 135a November 1998; Errata - 09/07/1999 Addendum 135b February 10, 2000, Addendums 135d, 135e: Novembe	2016	ASHRAE	0
441	145.2	Laboratory Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Air-Cleaning Devices	2016	ASHRAE	0
442	154	(Pending)Ventilation for Commercial Cooking Operations	2016	ASHRAE	0
443	169 ERTA	NULL	2016	ASHRAE	0
444	160 ADD D	NULL	2016	ASHRAE	0
445	160 ADD E	NULL	2016	ASHRAE	0
446	170 ADD M	NULL	2016	ASHRAE	0
447	184	NULL	2016	ASHRAE	0
448	CH-06-4-3	NULL	2016	ASHRAE	0
449	FUNDAMENTAL OF HVAC CONTR	NULL	2016	ASHRAE	0
450	GUIDELINE 10	NULL	2016	ASHRAE	0
451	GUIDELINE 23	NULL	2016	ASHRAE	0
452	OR-05-2-3	NULL	2016	ASHRAE	0
453	OR-16-C001	NULL	2016	ASHRAE	0
454	OR-16-C002	NULL	2016	ASHRAE	0
455	OR-16-C003	NULL	2016	ASHRAE	0
456	OR-16-C004	NULL	2016	ASHRAE	0
457	OR-16-C005	NULL	2016	ASHRAE	0
458	OR-16-C006	NULL	2016	ASHRAE	0
459	OR-16-C007	NULL	2016	ASHRAE	0
460	OR-16-C008	NULL	2016	ASHRAE	0
461	OR-16-C009	NULL	2016	ASHRAE	0
462	OR-16-C010	NULL	2016	ASHRAE	0

463	OR-16-C011	NULL	2016	ASHRAE	0
464	OR-16-C012	NULL	2016	ASHRAE	0
465	OR-16-C013	NULL	2016	ASHRAE	0
466	OR-16-C014	NULL	2016	ASHRAE	0
467	OR-16-C015	NULL	2016	ASHRAE	0
468	OR-16-C016	NULL	2016	ASHRAE	0
469	OR-16-C017	NULL	2016	ASHRAE	0
470	OR-16-C018	NULL	2016	ASHRAE	0
471	OR-16-C019	NULL	2016	ASHRAE	0
472	OR-16-C020	NULL	2016	ASHRAE	0
473	OR-16-C021	NULL	2016	ASHRAE	0
474	OR-16-C023	NULL	2016	ASHRAE	0
475	OR-16-C024	NULL	2016	ASHRAE	0
476	OR-16-C025	NULL	2016	ASHRAE	0
477	OR-16-C026	NULL	2016	ASHRAE	0
478	OR-16-C027	NULL	2016	ASHRAE	0
479	OR-16-C028	NULL	2016	ASHRAE	0
480	OR-16-C029	NULL	2016	ASHRAE	0
481	OR-16-C030	NULL	2016	ASHRAE	0
482	OR-16-C031	NULL	2016	ASHRAE	0
483	OR-16-C032	NULL	2016	ASHRAE	0
484	OR-16-C033	NULL	2016	ASHRAE	0
485	OR-16-C034	NULL	2016	ASHRAE	0
486	OR-16-C035	NULL	2016	ASHRAE	0
487	OR-16-C036	NULL	2016	ASHRAE	0
488	OR-16-C037	NULL	2016	ASHRAE	0
489	OR-16-C038	NULL	2016	ASHRAE	0
490	OR-16-C039	NULL	2016	ASHRAE	0
491	OR-16-C040	NULL	2016	ASHRAE	0
492	OR-16-C041	NULL	2016	ASHRAE	0
493	OR-16-C042	NULL	2016	ASHRAE	0
494	OR-16-C043	NULL	2016	ASHRAE	0
495	OR-16-C044	NULL	2016	ASHRAE	0
496	OR-16-C045	NULL	2016	ASHRAE	0
497	OR-16-C046	NULL	2016	ASHRAE	0
498	OR-16-C047	NULL	2016	ASHRAE	0
499	OR-16-C048	NULL	2016	ASHRAE	0
500	OR-16-C049	NULL	2016	ASHRAE	0
501	OR-16-C050	NULL	2016	ASHRAE	0
502	OR-16-C051	NULL	2016	ASHRAE	0
503	OR-16-C053	NULL	2016	ASHRAE	0

504	OR-16-C054	NULL	2016	ASHRAE	0
505	OR-16-C055	NULL	2016	ASHRAE	0
506	OR-16-C056	NULL	2016	ASHRAE	0
507	OR-16-C057	NULL	2016	ASHRAE	0
508	OR-16-C058	NULL	2016	ASHRAE	0
509	OR-16-C059	NULL	2016	ASHRAE	0
510	OR-16-C060	NULL	2016	ASHRAE	0
511	OR-16-C061	NULL	2016	ASHRAE	0
512	OR-16-C062	NULL	2016	ASHRAE	0
513	OR-16-C063	NULL	2016	ASHRAE	0
514	OR-16-C064	NULL	2016	ASHRAE	0
515	OR-16-C065	NULL	2016	ASHRAE	0
516	OR-16-C066	NULL	2016	ASHRAE	0
517	OR-16-C067	NULL	2016	ASHRAE	0
518	OR-16-C068	NULL	2016	ASHRAE	0
519	OR-16-C069	NULL	2016	ASHRAE	0
520	OR-16-C070	NULL	2016	ASHRAE	0
521	OR-16-C071	NULL	2016	ASHRAE	0
522	OR-16-C072	NULL	2016	ASHRAE	0
523	OR-16-C073	NULL	2016	ASHRAE	0
524	OR-16-C074	NULL	2016	ASHRAE	0
525	OR-16-C075	NULL	2016	ASHRAE	0
526	OR-16-C076	NULL	2016	ASHRAE	0
527	OR-16-C077	NULL	2016	ASHRAE	0
528	OR-16-C078	NULL	2016	ASHRAE	0
529	OR-16-C079	NULL	2016	ASHRAE	0
530	OR-16-C080	NULL	2016	ASHRAE	0
531	OR-16-C081	NULL	2016	ASHRAE	0
532	OR-16-C082	NULL	2016	ASHRAE	0
533	OR-16-C083	NULL	2016	ASHRAE	0
534	OR-16-C084	NULL	2016	ASHRAE	0
535	90577	NULL	2015	ASHRAE	0
536	DATA COM SERIES BOOK 12	NULL	2015	ASHRAE	0
537	GUIDELINE 6	NULL	2015	ASHRAE	0
538	GUIDELINE 1.4 ERTA	NULL	2015	ASHRAE	0
539	185.1 ERTA	NULL	2015	ASHRAE	0
540	185.1 INT	NULL	2015	ASHRAE	0
541	188 INT 1	NULL	2015	ASHRAE	0
542	189.1 ERTA	NULL	2015	ASHRAE	0

543	189.1 USERS MANUAL	NULL	2015	ASHRAE	0
544	170 INT 6	NULL	2015	ASHRAE	0
545	170 INT 7	NULL	2015	ASHRAE	0
546	170 ADD G	NULL	2015	ASHRAE	0
547	170 ADD D	NULL	2015	ASHRAE	0
548	200 ADD A	NULL	2015	ASHRAE	0
549	90136	NULL	2015	ASHRAE	0
550	90316 ERRATA	NULL	2015	ASHRAE	0
551	133	Method of Testing Direct Evaporative Air Coolers	2015	ASHRAE	0
552	103 ERTA	NULL	2015	ASHRAE	0
553	55 INT 2	NULL	2015	ASHRAE	0
554	79	Method of Testing for Rating Fan-Coil Conditioners	2015	ASHRAE	0
555	52.2 ADD A, B, AND D SUPP	NULL	2015	ASHRAE	0
556	52.2 ADD C	NULL	2015	ASHRAE	0
557	41.7	Method of Test for Measurement of Flow of Gas R(2000)	2015	ASHRAE	0
558	52.2 ERTA	NULL	2015	ASHRAE	0
559	52.2 INT 3	NULL	2015	ASHRAE	0
560	55 ADD D	NULL	2015	ASHRAE	0
561	55 ADD E	NULL	2015	ASHRAE	0
562	55 ADD F	NULL	2015	ASHRAE	0
563	55 ERTA	Thermal Environmental Conditions for Human Occupancy	2015	ASHRAE	0
564	34 ADD O	NULL	2015	ASHRAE	0
565	34 ADD P	NULL	2015	ASHRAE	0
566	34 ADD Q	NULL	2015	ASHRAE	0
567	34 ADD R	NULL	2015	ASHRAE	0
568	34 ADD S	NULL	2015	ASHRAE	0
569	34 ADD T	NULL	2015	ASHRAE	0
570	34 ADD A, B, C, D, E, F,	NULL	2015	ASHRAE	0
571		Cold-Climate Buildings Design Guide	2015	ASHRAE	250
572	15 & 34 ERTA 2	NULL	2015	ASHRAE	0
573	15 & 34 ERTA	NULL	2015	ASHRAE	0
574	29	Method of Testing Automatic Ice Makers	2015	ASHRAE	0
575	41.4	Standard Method for Measuring the Proportion of Lubricant in Liquid Refrigerant	2015	ASHRAE	0
576	90.1-2013 SI SUPP	Energy Standard for Buildings Except Low-Rise Residential Buildings	2015	ASHRAE	0
577	100	Energy Conservation in Existing Buildings	2015	ASHRAE	0
578	139	Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process	2015	ASHRAE	0
579	145.1	Laboratory Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Loose Granular Media	2015	ASHRAE	0



580	153	Method of Test for Mass Flow Capacity of Four-Way Refrigerant Reversing Valves	2015	ASHRAE	0
581	164.3	Method of Test for Commercial and Industrial Isothermal Humidifiers	2015	ASHRAE	0
582	185.1	Method of Testing UV-C Lights for Use in Air-Handling Units or Air Ducts to Inactivate Airborne Microorganisms	2015	ASHRAE	0
583	188	Legionellosis: Risk Management for Building Water Systems	2015	ASHRAE	0
584	200	Methods of Testing Chilled Beams	2015	ASHRAE	0
585	90132	Design Guide for Tall, Supertall, and Megatall Building Systems	2015	ASHRAE	0
586	90555	COMBINED HEAT AND POWER DESIGN GUIDE	2015	ASHRAE	0
587	90558	LABORATORY DESIGN GUIDE Planning and Operation of Laboratory HVAC Systems - Second Edition	2015	ASHRAE	0
588	AEDG	Advanced Energy Design Guide for Grocery Stores	2015	ASHRAE	0
589	DATAKOM SERIES BOO	Server Efficiency - Metrics for Computer Servers and Storage	2015	ASHRAE	0
590	GUIDELINE 0.2	Commissioning Process for Existing Systems and Assemblies	2015	ASHRAE	0
591	GUIDELINE 13	Specifying Building Automation Systems	2015	ASHRAE	0
592	GUIDELINE 24	Ventilation and Indoor Air Quality in Low-Rise Residential Buildings	2015	ASHRAE	0
593	118.2	Method of Testing for Rating Residential Water Heaters	2015	ASHRAE	0
594	98020	Fundamentals of Water System Design I-P - Second Edition	2015	ASHRAE	0
595	D-MECP15-2	Modeling and Energy Consumption with Parallel and Series VAV Terminal Units with ECM and PSC Motors - Third Edition; Product Code: D-MECP15-2	2014	ASHRAE	0
596	GUIDELINE 2	Engineering Analysis of Experimental Data	2014	ASHRAE	0
597	REFRIGERATI ON IP HANDBOOK	229766805929	2014	ASHRAE	0
598	REFRIGERATI ON SI HANDBOOK	NULL	2014	ASHRAE	0
599	RP-1616 I-P	NULL	2014	ASHRAE	0
600	105	Standard Methods of Measuring, Expressing and Comparing Building Energy Performance and Greenhouse Gas Emissions	2014	ASHRAE	0
601	23.2	Methods of Test for Rating the Performance of Positive Displacement Compressors that Operate at Supercritical Pressures of the Refrigerants	2014	ASHRAE	0
602	41.3	Standard Methods for Pressure Measurement	2014	ASHRAE	0
603	41.6	Standard Method for Humidity Measurement	2014	ASHRAE	0
604	41.11	Standard Methods for Power Measurement	2014	ASHRAE	0
605	55 ERTA	Thermal Environmental Conditions for Human Occupancy	2014	ASHRAE	0
606	55 ERTA	Thermal Environmental Conditions for Human Occupancy	2014	ASHRAE	0
607	20 ERTA	NULL	2014	ASHRAE	0
608	152	Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems	2014	ASHRAE	0
609	GUIDELINE 1.1 SPAN	Procedures for Preparing Facility Systems Manuals	2014	ASHRAE	0
610	RP-1674	Geothermal Heating and Cooling Design of Ground-Source Heat Pump Systems	2014	ASHRAE	0
611	62.1 ERTA	Ventilation for Acceptable Indoor Air Quality	2014	ASHRAE	0
612	90.1-2013 I-P ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2014	ASHRAE	0

613	90.1-2013 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2014	ASHRAE	0
614	181	Methods of Testing for Rating Liquid-to-Liquid Heat Exchangers	2014	ASHRAE	0
615	185.2	Method of Testing Ultraviolet Lamps for Use in HVAC&R Units or Air Ducts to Inactivate Microorganisms on Irradiated Surfaces	2014	ASHRAE	0
616	189.1	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings	2014	ASHRAE	0
617	189.1 Manual	Standard 189.1-2014 Users Manual	2014	ASHRAE	0
618	35	Method of Testing Desiccants for Refrigerant Drying	2014	ASHRAE	0
619	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2014	ASHRAE	0
620	14	Measurement of Energy, Demand, and Water Savings	2014	ASHRAE	0
621	55 INT 1	NULL	2014	ASHRAE	0
622	55 ADD A	NULL	2014	ASHRAE	0
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663	POCKET GUIDE SI	NULL	2013	ASHRAE	0
664	190	Method of Testing for Rating Indoor Pool Dehumidifiers	2013	ASHRAE	0
665	194	Method of Test for Rating Air Terminal Unit Controls	2013	ASHRAE	0
666	195	Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency	2013	ASHRAE	0
667	198	Commissioning Process for Buildings and Systems	2013	ASHRAE	0
668	206 ERTA	Method of Testing for Rating of Multipurpose Heat Pumps for Residential Space Conditioning and Water Heating	2013	ASHRAE	0
669	90.1-2013 SI	Energy Standard for Buildings Except Low-Rise Residential Buildings - Includes ANSI/ASHRAE/IES Addenda listed in Appendix F	2013	ASHRAE	0
670	90.1 USERS MANUAL	Users Manual I-P and SI	2013	ASHRAE	0
671	90.1-2013 I-P	Energy Standard for Buildings Except Low-Rise Residential Buildings - Includes ANSI/ASHRAE/IES Addenda listed in Appendix F	2013	ASHRAE	0
672	62.1	Ventilation for Acceptable Indoor Air Quality - Includes ANSI/ASHRAE addenda listed in Appendix J	2013	ASHRAE	0
673	84	Method of Testing Air-to-Air Heat/Energy Exchangers	2013	ASHRAE	0
674	161	Air Quality within Commercial Aircraft	2013	ASHRAE	0
675	169	Climatic Data for Building Design Standards	2013	ASHRAE	0
676	90138	Understanding Psychrometrics - Third Edition	2013	ASHRAE	0
677	90453	HVAC Design Manual for Hospitals and Clinics - Second Edition	2013	ASHRAE	0
678	90554	Principles of Heating Ventilating and Air Conditioning - 7th Edition	2013	ASHRAE	0
679	90557	DISTRICT COOLING GUIDE	2013	ASHRAE	0
680	90560	DISTRICT HEATING GUIDE	2013	ASHRAE	0
681	55	Thermal Environmental Conditions for Human Occupancy - Includes ANSI/ASHRAE addenda listed in Appendix M	2013	ASHRAE	0
682	41.10	Standard Methods for Refrigerant Mass Flow Measurement Using Flowmeters	2013	ASHRAE	0
683	24	Methods of Testing for Rating Liquid Coolers	2013	ASHRAE	0

684	41.1	Standard Method for Temperature Measurement	2013	ASHRAE	0
685	198	Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency	2013	ASHRAE	0
686	15 & 34	Safety Standard for Refrigeration Systems - Includes ANSI/ASHRAE addenda listed in Appendix H	2013	ASHRAE	0
687	18	Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration	2013	ASHRAE	0
688	135.1	Method of Test for Conformance to BACnet	2013	ASHRAE	0
689	147	Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems	2013	ASHRAE	0
690	41.1	Standard Method for Temperature Measurement	2013	ASHRAE	0
691	86	Methods of Testing the Floc Point of Refrigeration Grade Oils	2013	ASHRAE	0
692	62.2	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings	2013	ASHRAE	0
693	113	Method of Testing for Room Air Diffusion	2013	ASHRAE	0
694	137	Methods of Testing for Efficiency of Space-Conditioning/Water-Heating Appliances That Include a Desuperheater Water Heater	2013	ASHRAE	0
695	138	Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling	2013	ASHRAE	0
696	149	Laboratory Methods of Testing Fans Used to Exhaust Smoke in Smoke Management Systems	2013	ASHRAE	0
697	24	Methods of Testing for Rating Liquid Coolers	2013	ASHRAE	0
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700	135	BACnet a Data Communication Protocol for Building Automation and Control Networks	2012	ASHRAE	0
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702	118.1	Method of Testing for Rating Commercial Gas, Electric, and Oil Water Heaters	2012	ASHRAE	0
703	127	Method of Testing for Rating Computer and Data Processing Room Unitary Air-Conditioners	2012	ASHRAE	0
704	52.2	Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size	2012	ASHRAE	0
705	13256-1	Water-source heat pumpsù testing and rating for performanceù Part 1: Water-to-air and brine-to-air heat pumps	2012	ASHRAE	0
706	13256-2	Water-source heat pumpsù testing and rating for performanceù Part 2: Water-to-water and brine-to-water heat pumps	2012	ASHRAE	0
707	164.1	Method of Test for Residential Central-System Humidifiers	2012	ASHRAE	0
708	164.2	Method of Test for Residential Self-Contained Humidifiers	2012	ASHRAE	0
709	194	Method of Test for Direct-Expansion Ground-Source Heat Pumps	2012	ASHRAE	0
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856	70	Method of Testing the Performance of Air Outlets and Air Inlets	2011	ASHRAE	0
857	183	Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings	2011	ASHRAE	0
858	41.9	Calorimeter Test Methods for Mass Flow Measurements of Volatile Refrigerants	2011	ASHRAE	0
859	32.2	Methods of Testing for Rating Pre-Mix and Post-Mix Soft-Drink Vending and Dispensing Equipment	2011	ASHRAE	0
860	128	Method of Rating Unitary Spot Air Conditioners	2011	ASHRAE	0
861	125	Method of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems	2011	ASHRAE	0
862	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2011	ASHRAE	0
863	145.2	Laboratory Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Air-Cleaning Devices	2011	ASHRAE	0
864	146	Method of Testing and Rating Pool Heaters	2011	ASHRAE	0
865	158.2	Methods of Testing Capacity of Refrigerant Pressure Regulators	2011	ASHRAE	0
866	64	Methods of Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers	2011	ASHRAE	0
867	154	Ventilation for Commercial Cooking Operations	2011	ASHRAE	0
868	135.1	Method of Test for Conformance to BACnet«	2011	ASHRAE	0
869	188	Legionellosis: Risk Management for Building Water Systems	2011	ASHRAE	0
870	ENERGY EFFICIENCY SET	Energy Efficiency Guide for Existing Commercial Buildings: Technical Implementation	2011	ASHRAE	0
871	151	Practices for Measuring, Testing, Adjusting and Balancing Shipboard HVAC&R Systems	2010	ASHRAE	0
872	35	Method of Testing Desiccants for Refrigerant Drying	2010	ASHRAE	0
873	23.1	Methods of Testing for Rating the Performance of Positive Displacement Refrigerant Compressors and Condensing Units that Operate at Subcritical Temperatures of the Refrigerant	2010	ASHRAE	0
874	116	Methods of Testing for Rating Seasonal Efficiency of Unitary Air Conditioners and Heat Pumps	2010	ASHRAE	0
875	63.2	Method of Testing Liquid Line Filter-Drier Filtration Capability	2010	ASHRAE	0
876	87.3	Methods of Testing Propeller Fan Vibration - Diagnostic Test Methods	2010	ASHRAE	0
877	93	Methods of Testing to Determine the Thermal Performance of Solar Collectors	2010	ASHRAE	0
878	94.1	Method of Testing Active Latent-Heat Storage Devices Based on Thermal Performance	2010	ASHRAE	0



879	94.2	Method of Testing Thermal Storage Devices with Electrical Input and Thermal Output Based on Thermal Performance	2010	ASHRAE	0
880	94.3	Method of Testing Active Sensible Thermal Energy Devices Based on Thermal Performance	2010	ASHRAE	0
881	193	Method of Test for Determining the Airtightness of HVAC Equipment	2010	ASHRAE	0
882	26	Mechanical Refrigeration and Air-Conditioning Installations Aboard Ship	2010	ASHRAE	0
883	28	Method of Testing Flow Capacity of Refrigerant Capillary Tubes	2010	ASHRAE	0
884	32.1	Methods of Testing for Rating Bottled and Canned Beverage Vending Machines	2010	ASHRAE	0
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886	55	Thermal Environmental Conditions for Human Occupancy	2010	ASHRAE	0
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1114	29	Methods of Testing Automatic Ice Makers	2009	ASHRAE	0
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1116	34 Addenda	Designation and Safety Classification of Refrigerants Addenda x,y,aa,ab,ac,ad,and ae	2009	ASHRAE	0
1117	37	Methods of Testing for Rating Unitary Air-Conditioning and Heat Pump Equipment	2009	ASHRAE	0

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1119	170 Addenda	Ventilation of Health Care Facilities Addenda a	2009	ASHRAE	0
1120	149	Laboratory Methods of Testing Fans Used to Exhaust Smoke in Smoke Management Systems	2009	ASHRAE	0
1121	160	Criteria for Moisture-Control Design Analysis in Buildings	2009	ASHRAE	0
1122	161 Addenda	Air Quality within Commercial Aircraft Addenda a and b	2009	ASHRAE	0
1123	135 Addenda	BACnet a Data Communication Protocol for Building Automation and Control Networks Addenda j	2009	ASHRAE	0
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1129	135 Addenda	BACnet a Data Communication Protocol for Building Automation and Control Networks Addenda v	2009	ASHRAE	0
1130	137	Methods of Testing for Efficiency of Space-Conditioning/Water-Heating Appliances That Include a Desuperheater Water Heater	2009	ASHRAE	0
1131	138	Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling	2009	ASHRAE	0
1132	135.1 Addenda	Method of Test for Conformance to BACnet« Addenda b	2009	ASHRAE	0
1133	62.2 Addenda	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings Addenda e	2009	ASHRAE	0
1134	87.2	In-Situ Method of Testing Propeller Fans for Reliability	2009	ASHRAE	0
1135	113	Method of Testing for Room Air Diffusion	2009	ASHRAE	0
1136	16	Method of Testing for Rating Room Air Conditioners and Packaged Terminal Air Conditioners	2009	ASHRAE	0
1137	170	Ventilation of Health Care Facilities	2008	ASHRAE	0
1138	26	Guideline for Field Testing of General Ventilation Devices and Systems for Removal Efficiency In-Situ by Particle Size and Resistance to Flow	2008	ASHRAE	0
1139	118.1	Method of Testing for Rating Commercial Gas, Electric, and Oil Water Heaters	2008	ASHRAE	0
1140	111	Practices for Measurement, Testing, Adjusting, and Balancing of Building Heating, Ventilation, Air-Conditioning, and Refrigeration Systems	2008	ASHRAE	0
1141	120	Method of Testing to Determine Flow Resistance of HVAC Ducts and Fittings	2008	ASHRAE	0
1142	126	Method of Testing HVAC Air Ducts and Fittings	2008	ASHRAE	0
1143	130	Methods of Testing for Rating Ducted Air Terminal Units	2008	ASHRAE	0
1144	133	Method of Testing Direct Evaporative Air Coolers	2008	ASHRAE	0
1145	84	Method of Testing Air-to-Air Heat Exchangers	2008	ASHRAE	0
1146	90.1 Addenda	Energy Standard for Buildings Except Low-Rise Residential Buildings Addenda a, b, c, g, h, i, j, k, l, m, n, p, q, s, t, u, w, y, ad, and aw	2008	ASHRAE	0
1147	140 Addenda	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs Addenda a	2008	ASHRAE	0
1148	145.1	Laboratory Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Loose Granular Media	2008	ASHRAE	0
1149	164.1	Method of Test for Residential Central-System Humidifiers	2008	ASHRAE	0
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1151	171	Method of Testing Seismic Restraint Devices for HVAC&R Equipment	2008	ASHRAE	0
1152	180	Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems	2008	ASHRAE	0
1153	182	Method of Testing Absorption Water-Chilling and Water-Heating Packages	2008	ASHRAE	0
1154	34 Addenda	Designation and Safety Classification of Refrigerants Addenda i,j and k	2008	ASHRAE	0
1155	34 Addenda	Designation and Safety Classification of Refrigerants Addenda l	2008	ASHRAE	0

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1157	17	Method of Testing Capacity of Thermostatic Refrigerant Expansion Valves	2008	ASHRAE	0
1158	18	Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration	2008	ASHRAE	0
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1160	41.10	Flowmeter Test Methods for Mass Flow Measurement of Volatile Refrigerants	2008	ASHRAE	0
1161	62.2 Addenda	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings Addenda a, b, c, and k	2008	ASHRAE	0
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1310	62.1 Users Manual	Ventilation for Acceptable Indoor Air Quality Addenda a, b, e, f, and h	2007	ASHRAE	0
1311	62.2	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings	2007	ASHRAE	0
1312	51	Laboratory Methods of Testing Fans for Aerodynamic Performance Rating	2007	ASHRAE	0
1313	52.2	Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size	2007	ASHRAE	0
1314	52.2 Addenda	Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size Addenda b	2007	ASHRAE	0
1315	32.2	Methods of Testing for Rating Pre-Mix and Post-Mix Soft-Drink Vending and Dispensing Equipment	2007	ASHRAE	0
1316	34	Designation and Safety Classification of Refrigerants Includes ANSI/ASHRAE Addenda Listed in Appendix F	2007	ASHRAE	0
1317	34 Addenda	Designation and Safety Classification of Refrigerants Addenda a, b, c, d, e, f, g, and h	2007	ASHRAE	0

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1319	15	Safety Standard for Refrigeration Systems	2007	ASHRAE	0
1320	143	Method of Test for Rating Indirect Evaporative Coolers	2007	ASHRAE	30
1321	55	Thermal Environmental Conditions for Human Occupancy	2007	ASHRAE	32
1322	90.1 SI	Energy Standard for Buildings Except Low-Rise Residential Buildings	2007	ASHRAE	189
1323	22	Methods of Testing for Rating Water-Cooled Refrigerant Condensers	2007	ASHRAE	0
1324	143	Method of Test for Rating Indirect Evaporative Coolers	2007	ASHRAE	0
1325	183	Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings	2007	ASHRAE	0
1326	161	Air Quality within Commercial Aircraft	2007	ASHRAE	0
1327	139	Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for Regeneration Process	2007	ASHRAE	0
1328	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2007	ASHRAE	0
1329	135.1	Method of Test for Conformance to BACnet«	2007	ASHRAE	0
1330	90.1 Users Manual	Energy Standard for Buildings Except Low-Rise Residential Buildings	2007	ASHRAE	0
1331	90.1 Addenda	Energy Standard for Buildings Except Low-Rise Residential Buildings Addenda r	2007	ASHRAE	0
1332	90.1 I-P	Energy Standard for Buildings Except Low-Rise Residential Buildings	2007	ASHRAE	0
1333	90.2	Energy-Efficient Design of Low-Rise Residential Buildings	2007	ASHRAE	0
1334	78	Method of Testing Flow Capacity of Suction Line Filters and Filter-Driers	2007	ASHRAE	0
1335	127	Method of Testing for Rating Computer and Data Processing Room Unitary Air-Conditioners	2007	ASHRAE	0
1336	124	Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances	2007	ASHRAE	0
1337	97	Sealed Glass Tube Method to Test the Chemical Stability of Material for Use within Refrigerant Systems	2007	ASHRAE	0
1338	103	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2007	ASHRAE	0
1339	105	Standard Methods of Measuring and Expressing Building Energy Performance	2007	ASHRAE	0
1340	118.2	Method of Testing for Rating Residential Water Heaters	2006	ASHRAE	0
1341	94.1	Method of Testing Active Latent-Heat Storage Devices Based on Thermal Performance	2006	ASHRAE	0
1342	79	Method of Testing for Rating Fan-Coil Conditioners	2006	ASHRAE	0
1343	86	Methods of Testing the Floc Point of Refrigeration Grade Oils	2006	ASHRAE	0
1344	87.3	Methods of Testing Propeller Fan Vibration - Diagnostic Test Methods	2006	ASHRAE	0
1345	70	Method of Testing for Rating the Performance of Air Outlets and Inlets	2006	ASHRAE	0
1346	146	Method of Testing and Rating Pool Heaters	2006	ASHRAE	0
1347	136	A Method of Determining Air Change Rates in Detached Dwellings	2006	ASHRAE	0
1348	169 Addenda	Weather Data for Building Design Standards Addenda a	2006	ASHRAE	0
1349	158.2	Methods of Testing Capacity of Refrigerant Pressure Regulators	2006	ASHRAE	0
1350	25	Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration	2006	ASHRAE	0
1351	28	Method of Testing Flow Capacity of Refrigerant Capillary Tubes R(2006)	2006	ASHRAE	0
1352	41.4	Standard Method for Measurement of Proportion of Lubricant in Liquid Refrigerant	2006	ASHRAE	0
1353	41.7	Method of Test for Measurement of Flow of Gas R(2006)	2006	ASHRAE	0
1354	63.2	Method of Testing Liquid Line Filter-Drier Filtration Capability	2006	ASHRAE	0
1355	94.2	Method of Testing Thermal Storage Devices with Electrical Input and Thermal Output Based on Thermal Performance R(2006)	2006	ASHRAE	0
1356	94.3	Method of Testing Active Sensible Thermal Energy Devices Based on Thermal Performance R(2006)	2006	ASHRAE	0
1357	99	Refrigeration Oil Description	2006	ASHRAE	0

1358	100	Energy Conservation in Existing Buildings ASHRAE/IESNA 100-1995; Supersedes ASHRAE/IESNA 100.2: 1991, 100.3: 1985, 100.4: 1984, 100.5: 1991 and 100.6: 1991; Addenda b January 30,1997	2006	ASHRAE	0
1359	169	Weather Data for Building Design Standards	2006	ASHRAE	72
1360	18	Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration	2006	ASHRAE	0
1361	26	Mechanical Refrigeration and Air-Conditioning Installations Aboard Ship	2006	ASHRAE	0
1362	20	Method of Testing for Rating Remote Mechanical-Draft Air-Cooled Refrigerant Condensers	2006	ASHRAE	0
1363	40	Methods of Testing for Rating Heat-Operated Unitary Air-Conditioning and Heat-Pump Equipment	2006	ASHRAE	0
1364	41.1	Standard Method for Temperature Measurement	2006	ASHRAE	0
1365	41.6	Standard Method for Measurement of Moist Air Properties	2006	ASHRAE	0
1366	41.9	Calorimeter Test Methods for Mass Flow Measurements of Volatile Refrigerants	2006	ASHRAE	0
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1665	23	Methods of Testing for Rating Positive Displacement Refrigerant Compressors and Condensing Units	2005	ASHRAE	0
1666	24	Methods of Testing for Rating Liquid Coolers	2005	ASHRAE	0
1667	72	Method of Testing Open Refrigerators	2005	ASHRAE	0
1668	29	Methods of Testing Automatic Ice Makers R(2005)	2005	ASHRAE	0
1669	116	Methods of Testing for Rating Seasonal Efficiency of Unitary Air Conditioners and Heat Pumps	2005	ASHRAE	0
1670	37	Methods of Testing for Rating Unitary Air-Conditioning and Heat Pump Equipment	2005	ASHRAE	0
1671	64	Methods of Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers	2005	ASHRAE	0
1672	134	Graphic Symbols for Heating, Ventilating, Air-Conditioning, and Refrigerating Systems	2005	ASHRAE	0
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1680	119	Air Leakage Performance for Detached Single-Family Residential Buildings	2004	ASHRAE	0

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1682	90.2	Energy-Efficient Design of Low-Rise Residential Buildings	2004	ASHRAE	0
1683	152	Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems Second Public Review	2004	ASHRAE	0
1684	158.1	Methods of Testing Capacity of Refrigerant Solenoid Valves	2004	ASHRAE	16
1685	55	Thermal Environmental Conditions for Human Occupancy	2004	ASHRAE	30
1686	62.1	Ventilation for Acceptable Indoor Air Quality	2004	ASHRAE	0
1687	15	Safety Standard for Refrigeration Systems Notice	2004	ASHRAE	42
1688	90.1 SI	Energy Standard for Buildings Except Low-Rise Residential Buildings	2004	ASHRAE	209
1689	150	Method of Testing the Performance of Cool Storage Systems	2004	ASHRAE	0
1690	32.1	Methods of Testing for Rating Bottled and Canned Beverage Vending Machines	2004	ASHRAE	0
1691	62.2	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings	2004	ASHRAE	0
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1738	INDEX OF VOL 110 PT 2	NULL	2004	ASHRAE	0
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1819	IJHVAC 10-3 ERTA	NULL	2004	ASHRAE	0
1820	IJHVAC 10-3	NULL	2004	ASHRAE	0
1821	IJHVAC 10-4	NULL	2004	ASHRAE	0
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1868	AN-04-11-3	NULL	2004	ASHRAE	0
1869	AN-04-11-4	NULL	2004	ASHRAE	0
1870	IJHVAC 9-1	NULL	2003	ASHRAE	0
1871	IJHVAC 9-2	NULL	2003	ASHRAE	0
1872	IJHVAC 9-3	NULL	2003	ASHRAE	0
1873	IJHVAC 9-4	NULL	2003	ASHRAE	0
1874	32.2	Methods of Testing for Rating Pre-Mix and Post-Mix Soft-Drink Vending and Dispensing Equipment	2003	ASHRAE	0
1875	90290	NULL	2003	ASHRAE	0
1876	INDEX IP	NULL	2003	ASHRAE	0
1877	INDEX OF VOL 109 PT 1	NULL	2003	ASHRAE	0
1878	INDEX OF VOL 109 PT 2	NULL	2003	ASHRAE	0
1879	INDEX SI	NULL	2003	ASHRAE	0
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1881	154	Ventilation for Commercial Cooking Operations	2003	ASHRAE	0
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1885	TECH SEC 03-1	NULL	2003	ASHRAE	0
1886	TECH SEC 03-2	NULL	2003	ASHRAE	0
1887	SYMP SEC 03-1	NULL	2003	ASHRAE	0
1888	SYMP SEC 03-2	NULL	2003	ASHRAE	0
1889	TECH SEC 02-2	NULL	2002	ASHRAE	0
1890	SOC 2002-2	NULL	2002	ASHRAE	0
1891	SYMP SEC 02-2	NULL	2002	ASHRAE	0
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1899	INDEX OF VOL 108 PT 1	Index of Technical and Symposium Papers; Vol. 108, Part 1	2002	ASHRAE	0
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2027	AC-02-14-1	Performance Evaluation of a Reciprocating Chiller Using Experimental Data and Model Predictions for Fault Detection and Diagnosis	2002	ASHRAE	0
2028	AC-02-14-2	Comparison of Three Fault Detection Methods Based on Field Data of an Air-Handling Unit	2002	ASHRAE	0
2029	AC-02-14-3	Demonstration of Fault Detection and Diagnosis Methods for Air-Handling Units RP-1020; See Technical Paper 4547	2002	ASHRAE	0
2030	AC-02-15	Symposium on Commerical Ground-Source Heat Pump System Challenges	2002	ASHRAE	0

2031	AC-02-15-1	Performance Analysis of U-Tube, Concentric Tube, and Standing Column Well Ground Heat Exchangers Using a System Simulation Approach	2002	ASHRAE	0
2032	AC-02-15-2	Uncertainty in the Design Length Calculation for Vertical Ground Heat Exchangers	2002	ASHRAE	0
2033	AC-02-15-3	Ground Thermal Conductivity Testing - Controlled Site Analysis	2002	ASHRAE	0
2034	AC-02-15-4	Development of Deemed Energy and Demand Savings for Residential Ground-Source Heat Pump Retrofits in the State of Texas	2002	ASHRAE	0
2035	AC-02-15-5	Regulations for Open-Loop Ground-Source Heat Pumps in the United States	2002	ASHRAE	0
2036	AC-02-16	Symposium on Kitchen Ventilation System Performance	2002	ASHRAE	0
2037	AC-02-16-1	The Effects of Exhaust Air Velocity on Grease Deposition in Kitchen Exhaust Ductwork RP-1033; See Technical Paper 4548	2002	ASHRAE	0
2038	AC-02-16-2	Quantifying Kitchen Comfort Using a Thermal Mannequin	2002	ASHRAE	0
2039	AC-02-16-3	Effects of Commercial Kitchen Pressure on Exhaust System Performance	2002	ASHRAE	0
2040	AC-02-17	Symposium on Application of CFD Modeling to Indoor Airflow Design Problems	2002	ASHRAE	0
2041	AC-02-17-1	Design of a Ventilation System for an Indoor Auto-Racing Complex	2002	ASHRAE	0
2042	AC-02-17-2	Design and Assessment of a Very Large-Scale CFD Industrial Ventilation Flowfield Simulation	2002	ASHRAE	0
2043	AC-02-17-3	Numerical Simulation of Airflow in an Aircraft Cabin Section	2002	ASHRAE	0
2044	AC-02-17-4	Performance Comparison of Axial Fan and Fan-Filter Unit (FFU) Type Clean Rooms by CFD	2002	ASHRAE	0
2045	AC-02-18	Symposium on Combined Heat and Power (CHP) Technologies for the 21st Century	2002	ASHRAE	0
2046	AC-02-18-1	The Potential of CHP Technology in Commerical Buildings - Characterizing the CHP Demonstration Building	2002	ASHRAE	0
2047	AC-02-18-2	Status of Fuel Cell Systems for Combined Heat and Power Applications in Buildings RP-1058	2002	ASHRAE	0
2048	AC-02-18-3	Evaluation of Cooling, Heating, and Power (CHP) for Office Buildings	2002	ASHRAE	0
2049	AC-02-18-4	CHP Demonstration Projects at Federal Fecilities	2002	ASHRAE	0
2050	AC-02-19	Symposium on Thermal Storage Performance Evaluation	2002	ASHRAE	0
2051	AC-02-19-1	Evaluation of an Internal Melt Ice-on-Coil Storage Tank During Partial Charging and Discharging Cycles	2002	ASHRAE	0
2052	AC-02-19-2	Field Monitoring and Data Validation for Evaluating the Performance of Cool Storage Systems RP-1004	2002	ASHRAE	0
2053	AC-02-19-3	Methodology Development for Determining Long-Term Performance of Cool Storage Systems from Short-Term Tests RP-1004	2002	ASHRAE	0
2054	INDEX OF VOL 108 PT 2	NULL	2002	ASHRAE	0
2055	IJHVAC 8-3	NULL	2002	ASHRAE	0
2056	IJHVAC 8-4	NULL	2002	ASHRAE	0
2057	IJHVAC 8-1	NULL	2002	ASHRAE	0
2058	IJHVAC 8-2	NULL	2002	ASHRAE	0
2059	IJHVAC 7-1	NULL	2001	ASHRAE	0
2060	IJHVAC 7-2	NULL	2001	ASHRAE	0
2061	IJHVAC 7-3	NULL	2001	ASHRAE	0
2062	IJHVAC 7-4	NULL	2001	ASHRAE	0
2063	90421	NULL	2001	ASHRAE	0
2064	AT-01-1	Case Studies and Modeling for Heating Systems in Special Function Buildings and Residences with Special Emphasis on Radiant Panel Systems	2001	ASHRAE	0
2065	AT-01-1-1	Heating of Church Buildings of Historic Importance with Direct Gas-Fired Heating Systems	2001	ASHRAE	0
2066	AT-01-1-2	Impact of Dual Utility Selection on 305 m2 (1000 ft2) Residences	2001	ASHRAE	0
2067	AT-01-1-3	An Analysis of Combined CFD and Multizone IAQ Model Assembly Issues	2001	ASHRAE	0

2068	AT-01-1-4	Radiant Panel Surface Temperature Over a Range of Ambient Temperatures	2001	ASHRAE	0
2069	AT-01-1-5	Hybrid Heating and Ventilating of Industrial Facilities Connected to District Energy System	2001	ASHRAE	0
2070	AT-01-2	Central Energy Plant kW Per Ton and Demand Controls	2001	ASHRAE	0
2071	AT-01-2-1	The Measurement of Energy Consumption in kW Per Ton for Central Chilled Water Plants	2001	ASHRAE	0
2072	AT-01-2-2	Measurement Considerations for the Determination of Central Plant Efficiency	2001	ASHRAE	0
2073	AT-01-2-3	Instrumentation Issues for Monitoring Chiller Plant	2001	ASHRAE	0
2074	AT-01-3	Innovative Materials and Building Envelope Systems	2001	ASHRAE	0
2075	AT-01-3-1	Performance of Innovative Vapor Retarders Under Summer Conditions	2001	ASHRAE	0
2076	AT-01-3-2	Advances in Residential Wall Technologies - Simple Ways of Decreasing the Whole Building Energy Consumption	2001	ASHRAE	0
2077	AT-01-3-3	Development of a Textured Spun-Bonded Polyloefin Water Barrier for Stucco and EIFS	2001	ASHRAE	0
2078	AT-01-3-4	Indoor Air Quality and Hygroscopically Active Materials	2001	ASHRAE	0
2079	AT-01-4	Absorption/Sorption Heat Pumps and Refrigeration Systems	2001	ASHRAE	0
2080	AT-01-4-1	Numerical Study of Absorption in a Laminar Falling Film of Ammonia-Water	2001	ASHRAE	0
2081	AT-01-4-2	Surface Tension of Aqueous Lithium Bromide with Controlled Vapor Concentration of 2-Ethyl-Hexanol	2001	ASHRAE	0
2082	AT-01-4-3	Effective Lift Characterization of GAX Cycles	2001	ASHRAE	0
2083	AT-01-5	Analysis Tools for the Design of Low Energy Cooling Systems	2001	ASHRAE	0
2084	AT-01-5-1	Night Ventilation Cooling of Office Buildings: Parametric Analyses of Conceptual Energy Impacts	2001	ASHRAE	0
2085	AT-01-5-2	Desiccant Cooling for Swedish Office Buildings	2001	ASHRAE	0
2086	AT-01-5-3	Pre-Design and Design Tools for Evaporative Cooling	2001	ASHRAE	0
2087	AT-01-5-4	Guidance and Tools for Night and Evaporative Cooling in Office Buildings	2001	ASHRAE	0
2088	AT-01-6	TES Systems Aging Gracefully	2001	ASHRAE	0
2089	AT-01-6-1	University Hospital Chilled Water Thermal Storage - Still Meeting the Challenges	2001	ASHRAE	0
2090	AT-01-6-2	Long-Term Experience with External-Melt Ice-on-Coil Storage Cooling System	2001	ASHRAE	0
2091	AT-01-6-3	Reedsburg Technical Collage Ice Maker Heat Pump	2001	ASHRAE	0
2092	AT-01-7	Integration of Dedicated Outside Air Dehumidification Systems and Terminal Sensible Cooling/Heating	2001	ASHRAE	0
2093	AT-01-7-1	Overview of Integrated Dedicated Outdoor Air Systems with Parallel Terminal Systems	2001	ASHRAE	0
2094	AT-01-7-2	Achieving Dry Outside Air in an Energy-Efficient Manner	2001	ASHRAE	0
2095	AT-01-7-3	Selecting the Supply Air Conditions for a Dedicated Outdoor Air System Working in Parallel with Distributed Sensible Cooling Terminal Equipment	2001	ASHRAE	0
2096	AT-01-7-4	Integration of Hydronic Thermal Transport Systems with Fire Suppression Systems	2001	ASHRAE	0
2097	AT-01-7-5	Ceiling Radiant Cooling Panels as a Viable Distributed Parallel Sensible Cooling Technology Integrated with Dedicated Outdoor Air Systems	2001	ASHRAE	0
2098	AT-01-8	Pumping Design and Performance Modeling of Geothermal Heat Pump Systems	2001	ASHRAE	0
2099	AT-01-8-1	Energy Use of Pumping Options for Ground-Source Heat Pumps	2001	ASHRAE	0
2100	AT-01-8-2	Dual Set Point Control of Open-Loop Heat Pump Systems	2001	ASHRAE	0
2101	AT-01-8-3	Ground-Coupled Heat Pump System Simulation	2001	ASHRAE	0
2102	AT-01-8-4	Field Validation of a Short Time Step Model for Vertical Ground-Loop Heat Exchangers	2001	ASHRAE	0
2103	AT-01-9	Thermoeconomics and Second Law Analysis of HVAC&R Systems	2001	ASHRAE	0
2104	AT-01-9-1	Thermoeconomic Analysis of Absorption Systems for Cooling	2001	ASHRAE	0
2105	AT-01-9-2	Thermoeconomics Applied to Air-Conditioning Systems	2001	ASHRAE	0
2106	AT-01-9-3	Second Law Analysis of Refrigerators and Air Conditioners	2001	ASHRAE	0
2107	AT-01-9-4	Thermoeconomic Analysis of Absorption Heat Transformers	2001	ASHRAE	0

2108	AT-01-9-5	Second Law Analysis of Various Double-Effect Lithium Bromide/Water Absorption Chillers	2001	ASHRAE	0
2109	AT-01-10	Characterizing the Performance of Non-Simple Fenestrations: Special Problems in Shaded and Projecting Products	2001	ASHRAE	0
2110	AT-01-10-1	The Effects of Calorimeter Tilt on the Inward-Flowing Fraction of Absorbed Solar Radition in a Venetian Blind	2001	ASHRAE	0
2111	AT-01-10-2	Effect of Tilt Angle and Temperature Difference on Solar Heat Gain Coefficient Measurement of Fenestration System	2001	ASHRAE	0
2112	AT-01-10-3	Test of Measured Solar Heat Gain Variation in a Fenestration and Shade Combination with Respect to Test Specimen Tilt	2001	ASHRAE	0
2113	AT-01-10-4	A Simplified Analysis of Radiant Heat Loss Through Projecting Fenestration Products	2001	ASHRAE	0
2114	AT-01-11	Smoke Management Reasearch and Case Studies of Large Spaces	2001	ASHRAE	0
2115	AT-01-11-1	CFD Simulation in Atrium Smoke Management System Design	2001	ASHRAE	0
2116	AT-01-11-2	The Smoke Hazard from a Fire in High Spaces RP-899	2001	ASHRAE	0
2117	AT-01-11-3	Sprinklered Mercantile Fires RP-976	2001	ASHRAE	0
2118	AT-01-11-4	Case Study of a Fire Engineering Approach to a Large, Unsprinklered, Naturally Ventilated Atrium Building	2001	ASHRAE	0
2119	AT-01-12	Effects of International Building Code 2000 on Seismic Design for HVAC	2001	ASHRAE	0
2120	AT-01-12-1	Maneuvering Through the Maze of Seismic Building Codes and Guides	2001	ASHRAE	0
2121	AT-01-12-2	How to Use the New Codes in Moderate Seismic Areas	2001	ASHRAE	0
2122	AT-01-12-3	Static Modeling of Equipment Acted on by Seismic Forces	2001	ASHRAE	0
2123	AT-01-13	Modeling and Measurement of VOC Emissions from Building Materials	2001	ASHRAE	0
2124	AT-01-13-1	Correlations between the Internal Diffusion and Equilibrium Partition Coefficients of Volatile Organic Compounds (VOCs) in Building Materials and the VOC Properties	2001	ASHRAE	0
2125	AT-01-13-2	Effects of Airflow on VOC Emissions from "Wet" Coating Materials: Experimental Measurements and Numerical Simulation	2001	ASHRAE	0
2126	AT-01-13-3	Distribution of Chemical Pollutants in a Room Based on CFD Simulation Coupled with Emission/Sorption Analysis	2001	ASHRAE	0
2127	AT-01-13-4	The Impact of Combinations of Building Materials and Intermittent Ventilation on Perceived Air Quality	2001	ASHRAE	0
2128	AT-01-14	Recent Results from Fault Detection and Diagnostic Research	2001	ASHRAE	0
2129	AT-01-14-1	Model-Based Fault Detection and Diagnosis for Cooling Towers	2001	ASHRAE	0
2130	AT-01-14-2	Simple Rule-Based Methods for Fault Detection and Diagnostics to Packaged Air Conditioners	2001	ASHRAE	0
2131	AT-01-14-3	Fault Diagnosis in Air-Conditioning Systems: A Multi-Step Fuzzy Model-Based Approach See Technical Paper 4456	2001	ASHRAE	0
2132	AT-01-14-4	An Expert Rule Set for Fault Detection in Air-Handling Units	2001	ASHRAE	0
2133	AT-01-15	Combustion Turbine Inlet Cooling: Creative Applications and Advances in the Technology	2001	ASHRAE	0
2134	AT-01-15-1	A Hybrid System for Combustion Turbine Inlet Air Cooling at a Cogeneration Plant in Pasadena, Texas	2001	ASHRAE	0
2135	AT-01-15-2	A New Approach to Turbine Inlet Air Cooling	2001	ASHRAE	0
2136	AT-01-15-3	Condensation and Icing in Gas Turbine Systems: Inlet Air Temperature and Humidity Limits	2001	ASHRAE	0
2137	AT-01-15-4	Combustion Turbine Inlet Air Cooling (CTIAC): Benefits and Technology Options in District Energy Applications	2001	ASHRAE	0
2138	AT-01-16	Advances in Thermal and Fluid Flow Characteristics of HVAC and Refrigeration Process	2001	ASHRAE	0
2139	AT-01-16-1	Thermal Performance of Flooded Evaporators, Part 1: Review of Boiling Heat Transfer Studies RP-1089	2001	ASHRAE	0
2140	AT-01-16-2	Thermal Performance of Flooded Evaporators, Part 2: Review of Void Fraction, Two-Phase Pressure Drop, and Flow Pattern Studies RP-1089	2001	ASHRAE	0
2141	AT-01-16-3	Local Heat Transfer Characteristics of Louvered Plate Fin Surfaces See Technical Paper 4454	2001	ASHRAE	0
2142	AT-01-16-4	Ice Slurry Cooling Research: Effects of Microscale Ice Particle Characteristics and Freezing-Point-Depressant Additives on Slurry Fluidity See Technical Paper 4455	2001	ASHRAE	0
2143	CI-01-1	Symposium on Air Velocity Measurements in Non-Ideal Flow Conditions	2001	ASHRAE	0
2144	CI-01-1-1	Inaccuracies in Standard Meteorological Low-Speed Wind Data	2001	ASHRAE	0
2145	CI-01-1-2	Measurement of Two-Dimensional Air Velocities in a Full-Scale Room Using Particle Image Velocimetry	2001	ASHRAE	0



2146	CI-01-1-3	Ultrasonic Measurement in the Palm of Your Hand	2001	ASHRAE	0
2147	CI-01-1-5	Air-to-Air Energy Exchanger Test Facility for Mass and Energy Transfer Performance	2001	ASHRAE	0
2148	CI-01-2	Symposium on Aspects of Secondary Fluid Systems and Space Conditioning in Supermarkets	2001	ASHRAE	0
2149	CI-01-2-1	Analysis of a Medium-Temperature Secondary Loop Refrigerating System	2001	ASHRAE	0
2150	CI-01-2-3	Defrost Issues in Indirectly Refrigerated Display Cases	2001	ASHRAE	0
2151	CI-01-3	Symposium on Design Issues for Geothermal Heat Pumps	2001	ASHRAE	0
2152	CI-01-3-1	Selecting the Design Entering Water Temperature for Vertical Geothermal Heat Pumps in Cooling-Dominated Applications	2001	ASHRAE	0
2153	CI-01-3-2	Impact of Design Simplicity on the Economics of Geothermal Heat Pumps	2001	ASHRAE	0
2154	CI-01-3-3	Specification of Water Wells	2001	ASHRAE	0
2155	CI-01-3-4	Fresh Air Moisture Control with a Water-Source Heat Pump and Enthalpy Recovery System	2001	ASHRAE	0
2156	CI-01-4	Symposium on Use of Computational Fluid Dynamics in Heat Exchanger Design	2001	ASHRAE	0
2157	CI-01-4-1	Three-Dimensional Thermal-Hydraulic Analysis in Convex Louver Finned Tube Heat Exchangers	2001	ASHRAE	0
2158	CI-01-4-2	Effect of Successively Variable Louver Angle on the Air-Side Performance of Fin-and-Tube Heat Exchangers	2001	ASHRAE	0
2159	CI-01-4-3	CFD Simulation of Turbulent Combustion and Mixing Processes Upstream of Desiccant Wheel	2001	ASHRAE	0
2160	CI-01-5	Issues in Window Condensation Resistance	2001	ASHRAE	0
2161	CI-01-5-1	Natural Convection Effects in Three-Dimensional Window Frames with Internal Cavities	2001	ASHRAE	0
2162	CI-01-5-2	Three-Dimensional Conjugate CFD Simulations of Internal Window Frame Cavities Validated Using IR Thermography	2001	ASHRAE	0
2163	CI-01-5-3	Rating the Condensation Potential of Windows: Results from Testing and Simulation	2001	ASHRAE	0
2164	CI-01-6	Symposium on the Effect of Safety Factors on Pump Selection and Performance	2001	ASHRAE	0
2165	CI-01-6-1	Reasons, Results, and Remedies for Pump Safety Factors Overuse	2001	ASHRAE	0
2166	CI-01-6-2	Why Did I Buy Such an Oversized Pump?	2001	ASHRAE	0
2167	CI-01-6-3	Oversized Pumps - A Look at Practical Field Experiences	2001	ASHRAE	0
2168	CI-01-6-4	The Impact of Safety Factors on Pump Performance and Selection: Case Study, a Methodology for Correcting Pump Oversizing	2001	ASHRAE	0
2169	CI-01-7	Symposium on Applied Heat Pump/Heat Recovery Concepts for the New Millenium	2001	ASHRAE	0
2170	CI-01-7-1	Study on Heat Supply System Using Underground Water Tank for Thermal Storage	2001	ASHRAE	0
2171	CI-01-7-2	Test of an Earth-Coupled Heat Pump with Aboveground Water Storage	2001	ASHRAE	0
2172	CI-01-7-3	Desuperheater Heat Recovery Hot Water Heating Systems in Subtropics: Using Water Cooling Towers to Extract Heat from Ambient Air as Heat Source	2001	ASHRAE	0
2173	CI-01-7-4	New Refrigerants for Applied Heat Pumps	2001	ASHRAE	0
2174	CI-01-8	Symposium on Experimental Validation of Multizone Network Airflow Models	2001	ASHRAE	0
2175	CI-01-8-1	Validation of Multizone IAQ Modeling of Residential-Scale Buildings: A Review	2001	ASHRAE	0
2176	CI-01-8-2	A Validation Study of Multizone Airflow and Contaminant Migration Simulation Programs as Applied to Tall Buildings RP-903	2001	ASHRAE	0
2177	CI-01-8-3	Whole-Building Airflow Network Characterization by a Many-Pressure-States (MPS) Technique	2001	ASHRAE	0
2178	CI-01-9	Symposium on NIST Centennial - Celebrating 100 Years of NIST-ASHRAE Relationship	2001	ASHRAE	0
2179	CI-01-9-1	A History of Testing Heat Insulators at the National Institute of Standards and Technology	2001	ASHRAE	0
2180	CI-01-9-2	NBS Research and ASHRAE's 90 Series Standards	2001	ASHRAE	0
2181	CI-01-9-3	The Role of the National Institute of Standards and Technology in Development of Energy Calculation Programs	2001	ASHRAE	0
2182	CI-01-9-4	The History of NIST's Refrigerants Program: I. Zeotropic Mixture Cycles and Heat Transfer	2001	ASHRAE	0
2183	CI-01-9-5	The History of NIST's Refrigerants Program: II. Thermophysical Properties Research	2001	ASHRAE	0
2184	CI-01-10	Symposium on Better Inputs for Better Outputs	2001	ASHRAE	0

2185	CI-01-10-1	Results of the HERS BESTEST on an Energy Simulation Computer Program	2001	ASHRAE	0
2186	CI-01-10-2	Sensitivity Analysis of Energy Simulation by Building Type	2001	ASHRAE	0
2187	CI-01-10-3	Estimating Food Service Loads and Profiles	2001	ASHRAE	0
2188	CI-01-11	Symposium on Psychrometrics at Extreme Conditions	2001	ASHRAE	0
2189	CI-01-11-1	Psychrometrics in the Supersaturated Frost Zone RP-1094	2001	ASHRAE	0
2190	CI-01-11-2	The Search for High Temperature Experimental Psychrometric Data RP-1060	2001	ASHRAE	0
2191	CI-01-11-3	High Temperature Properties of Moist Air RP-1060	2001	ASHRAE	0
2192	152P	(Pending)Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems Second Public Review	2001	ASHRAE	0
2193	154	(Pending)Ventilation for Commercial Cooking Operations	2001	ASHRAE	0
2194	133	Method of Testing Direct Evaporative Air Coolers	2001	ASHRAE	0
2195	127	Method of Testing for Rating Computer and Data Processing Room Unitary Air-Conditioners	2001	ASHRAE	0
2196	128	Method of Rating Unitary Spot Air Conditioners Errata March 6, 2002	2001	ASHRAE	0
2197	87.3	Methods of Testing Propeller Fan Vibration - Diagnostic Test Methods	2001	ASHRAE	0
2198	90.1 I-P	Energy Standard for Buildings Except Low-Rise Residential Buildings I-P Edition; Errata - 12/15/2001; Errata - 02/15/2002; Errata - 05/21/2002; Addendum B,C,D - 6/27/2002	2001	ASHRAE	0
2199	90.1 SI	Energy Standard for Buildings Except Low-Rise Residential Buildings SI Edition; Errata - 12/15/2001; Errata - 02/15/2002; Errata - 05/21/2002; Addendum B,C,D - 6/27/2002; Errata - 11/15/2002	2001	ASHRAE	0
2200	90.2	Energy-Efficient Design of Low-Rise Residential Buildings Addenda 90.2a - 1995; Addenda 90.2b - 1994; Addenda 90.2c - 1997; Addenda 90.2l - 2001	2001	ASHRAE	0
2201	62	Ventilation for Acceptable Indoor Air Quality Addendum k: 06/27/2002; Errata - 10/02/2002	2001	ASHRAE	0
2202	62.2P	(Draft)(Pending)Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings Third Public Review: 04/2002	2001	ASHRAE	0
2203	64	(Pending)Methods of Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers	2001	ASHRAE	0
2204	41.10P	(Draft)(Pending)Flowmeter Test Methods for Mass Flow Measurement of Volatile Refrigerants First Public Review	2001	ASHRAE	0
2205	55	(Pending)Thermal Environmental Conditions for Human Occupancy	2001	ASHRAE	0
2206	34	Designation and Safety Classification of Refrigerants Includes ANSI/ASHRAE Addenda Listed in Appendix C; Errata February 7, 2002; Addendum A June 22, 2002	2001	ASHRAE	0
2207	34 Addenda	Designation and Safety Classification of Refrigerants Addendum A June 22, 2002	2001	ASHRAE	0
2208	25	Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration	2001	ASHRAE	0
2209	15	Safety Standard for Refrigeration Systems Notice: 2/19/2002; Errata - 10/29/2002	2001	ASHRAE	0
2210	15B	(Pending)Safety Code for Mechanical Refrigeration Addendum 15b:02-2001	2001	ASHRAE	0
2211	4410	Dynamic Modeling of Encapsulated Ice Tank for HVAC System Simulation	2001	ASHRAE	0
2212	4411	Modeling and Analysis of Gas Coolers	2001	ASHRAE	0
2213	4412	Multiple Model Approach of a Residential Heat Pump for Integration in a Building Thermal Simulation Code and Comparison with Experimental Results	2001	ASHRAE	0
2214	4413	Optimal Sizing of Hybrid Ground-Source Heat Pump Systems That Use a Cooling Pond as a Supplemental Heat Rejecter - a System Simulation Approach	2001	ASHRAE	0
2215	4414	Simulation of Source Energy Utilization and Emissions for HVAC Systems RP-991	2001	ASHRAE	0
2216	4415	Assessment of Thermal Comfort During Surgical Operations	2001	ASHRAE	0
2217	4416	Predicting the Frequency and Cost of Hot and Cold Complaints in Buildings	2001	ASHRAE	0
2218	4417	Temperature Efficiency of Rooms with Displacement Ventilation	2001	ASHRAE	0
2219	4418	Prediction of Skin and Clothing Temperatures Under Thermal Transient Considering Moisture Accumulation in Clothing	2001	ASHRAE	0
2220	4419	Vote Method of Deciding Supply Air Temperature Setpoint for VAV Air-Conditioning System	2001	ASHRAE	0

2221	4420	A Descriptive Framework for Cool Storage Operating and Control Strategies	2001	ASHRAE	0
2222	4421	A New Technique to Improve the Efficiency of Wet Cooling Tower	2001	ASHRAE	0
2223	4422	A Numerical Investigation for the Heat and Mass Transfer between Parallel Flow of Air and Desiccant Falling Film in a Fin-Tube Arrangement	2001	ASHRAE	0
2224	4423	A Simple Approach to Thermal Performance Analysis of Small Hermetic Reciprocating Compressors	2001	ASHRAE	0
2225	4424	A Simplified Tool for Assessing the Feasibility of Ground-Source Heat Pump Projects	2001	ASHRAE	0
2226	4425	Flow Calculations for Fixed-Area Expansion Devices	2001	ASHRAE	0
2227	4426	Calibration of a Calorimeter for Thermal Resistance Measurements of Advanced Insulation Panels International Journal of Heating, Venting, Air-Conditioning and Refrigerating Research	2001	ASHRAE	0
2228	4427	Chloride, Fluoride, and Acidity Measurements in Refrigerants	2001	ASHRAE	0
2229	4428	Dedicated Outdoor Air-Dual Wheel System Control Requirements	2001	ASHRAE	0
2230	4429	Determine the Efficacy of Antimicrobial Treatments of Fibrous Air Filters RP-909	2001	ASHRAE	0
2231	4430	The Potential Application of Water Mist Systems for Fire Protection in Atria	2001	ASHRAE	0
2232	4431	Effect of 1997 Handbook Summer Design Temperature Specifications on Enthalpy and Humidity Ratio	2001	ASHRAE	0
2233	4432	Efficacy of DBNPA Against Legionella Pneumophila: Experimental Results in a Model Water System	2001	ASHRAE	0
2234	4433	Energy Retrofit of a Neoclassic Office Building - Social Aspects and Lessons Learned	2001	ASHRAE	0
2235	4434	Evaluation of Biofiltration of Air - an Innovative Air Pollution Control Technology RP-880	2001	ASHRAE	0
2236	4435	Experimental Determination of the Effects of Turbulence Intensity on the Performance of Rotating Vane Anemometers RP-986	2001	ASHRAE	0
2237	4436	Experimental Study of an R-407C Heat Pump Water Heater	2001	ASHRAE	0
2238	4437	Experimental Study of Flow Characteristics of a Diffuser for Under Floor Air-Conditioning System	2001	ASHRAE	0
2239	4438	Forced Dispersion of Ammonia Plumes into the Atmosphere RP-813	2001	ASHRAE	0
2240	4439	Heat and Mass Transfer Properties of Zeolite 13X-H <sub>2</sub> O Adsorption Reactor	2001	ASHRAE	0
2241	4440	Heat Transfer and Pressure Drop of Gas Coolers	2001	ASHRAE	0
2242	4441	Intelligent Control to Reduce Superheat Hunting and Optimize Evaporator Performance in Container Refrigeration International Journal of Heating, Ventilating, Air-Conditioning and Refrigerating Research	2001	ASHRAE	0
2243	4442	Long-Term Hydraulic Performance of Dehumidifying Heat Exchangers with and without Hydrophilic Coatings International Journal of Heating, Ventilating, Air-Conditioning and Refrigerating Research	2001	ASHRAE	0
2244	4443	Nucleate Boiling of Halocarbon Refrigerants: Heat Transfer Correlations International Journal of Heating, Ventilating, Air-Conditioning and Refrigerating Research	2001	ASHRAE	0
2245	4444	Optimization of Hydraulic Conditions in District Heating Networks	2001	ASHRAE	0
2246	4445	Spatial Homogeneity of Air in a Mushroom Tunnel: Single VS. Boost Duct Air Distribution Systems	2001	ASHRAE	0
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2297		Society Business Presented at the ASHRAE Annual Meeting June 23-27, 2001 Cincinnati, Ohio	2001	ASHRAE	0
2298	INDEX OF VOL 107 PT 1	Index of Technical and Symposium Papers; Vol. 107, Part 1	2001	ASHRAE	0
2299	INDEX OF VOL 107 PT 2	Index of Technical and Symposium Papers; Vol. 107, Part 2	2001	ASHRAE	0
2300	IC 15-2001-1	Safety Code for Mechanical Refrigeration	2001	ASHRAE	0
2301	135	BACnet a Data Communication Protocol for Building Automation and Control Networks Including Addenda 135a, 135b, 135c, 135d, and 135e; Errata 01/14/02; Errata - 10/29/2002	2001	ASHRAE	0
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2303	138P	(Draft)(Pending)Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling Second Public Review	2001	ASHRAE	0
2304	139	(Draft)(Pending)Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for Regeneration Process	2001	ASHRAE	0
2305	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2001	ASHRAE	0
2306	IC 90.1-2001-1	Energy Standard for Buildings Except Low-Rise Residential Buildings	2001	ASHRAE	0
2307	IC 90.1-2001-2	Energy Standard for Buildings Except Low-Rise Residential Buildings	2001	ASHRAE	0
2308	IC 90.1-2001-3	Energy Standard for Buildings Except Low-Rise Residential Buildings	2001	ASHRAE	0
2309	IC 90.1-2001-4	Energy Standard for Buildings Except Low-Rise Residential Buildings	2001	ASHRAE	0
2310	IC 90.1-2001-5	Energy Standard for Buildings Except Low-Rise Residential Buildings	2001	ASHRAE	0
2311	IC 90.1-2001-6	Energy Standard for Buildings Except Low-Rise Residential Buildings	2001	ASHRAE	0
2312	IC 90.1-2001-7	Energy Standard for Buildings Except Low-Rise Residential Buildings	2001	ASHRAE	0
2313	IC 90.1-2001-8	Energy Standard for Buildings Except Low-Rise Residential Buildings	2001	ASHRAE	0
2314	IC 90.1-2001 BOOK	Energy Standard for Buildings Except Low-Rise Residential Buildings	2001	ASHRAE	0
2315	IC 62-2001-02	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2316	IC 62-2001-03	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2317	IC 62-2001-04	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2318	IC 62-2001-05	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2319	IC 62-2001-06	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2320	IC 62-2001-07	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2321	IC 62-2001-08	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0

2322	IC 62-2001-09	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2323	IC 62-2001-10	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2324	IC 62-2001-11	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2325	IC 62-2001-12	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2326	IC 62-2001-13	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2327	IC 62-2001-14	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2328	IC 62-2001-15	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2329	IC 62-2001-16	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2330	IC 62-2001-17	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2331	IC 62-2001-18	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2332	IC 62-2001-19	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2333	IC 62-2001-20	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2334	IC 62-2001-21	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2335	IC 62-2001-22	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2336	IC 62-2001-23	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2337	IC 62-2001-24	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2338	IC 62-2001-25	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2339	IC 62-2001-26	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2340	IC 62-2001-27	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2341	IC 62-2001-28	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2342	IC 62-2001-29	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2343	IC 62-2001-30	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2344	IC 62-2001-31	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2345	IC 62-2001-32	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2346	IC 62-2001-33	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2347	IC 62-2001-34	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2348	IC 62-2001-35	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2349	IC 62-2001-36	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2350	IC 62-2001-37	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2351	IC 62-2001-38	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2352	IC 62-2001-39	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2353	IC 62-2001-40	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2354	IC 62-2001 BOOK	Ventilation for Acceptable Indoor Air Quality	2001	ASHRAE	0
2355	RP-1118	NULL	2001	ASHRAE	0
2356	RP-1133	NULL	2001	ASHRAE	0
2357	90.1	Energy Standard for Buildings Except Low-Rise Residential Buildings	2001	ASHRAE	0
2358	90.1	Energy Standard for Buildings Except Low-Rise Residential Buildings	2001	ASHRAE	0
2359	143	Method of Test for Rating Indirect Evaporative Coolers	2000	ASHRAE	0
2360	126	Method of Testing HVAC Air Ducts SMACNA Standard 126-2000	2000	ASHRAE	0
2361	149	Laboratory Methods of Testing Fans Used to Exhaust Smoke in Smoke Management Systems	2000	ASHRAE	0
2362	150	Method of Testing the Performance of Cool Storage Systems	2000	ASHRAE	0

2363		Symposium Papers - Presented at the ASHRAE Winter Meeting - February 5-9, 2000 Dallas, Texas	2000	ASHRAE	0
2364		Symposium Papers - Presented at the ASHRAE Annual Meeting - June 24-28, 2000 Minneapolis, Minnesota	2000	ASHRAE	0
2365		International Journal of Heating, Ventilating, Air-Conditioning and Refrigerating Research Volume 6, Number 1, January 2000	2000	ASHRAE	0
2366		Society Business Presented at the ASHRAE Annual Meeting June 24-28, 2000 Minneapolis, Minnesota	2000	ASHRAE	0
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2368		Technical Papers - Presented at the ASHRAE Annual Meeting June 24-28, 2000 Minneapolis, Minnesota	2000	ASHRAE	0
2369		Composite Index Includes Additions and Corrections - 2000	2000	ASHRAE	0
2370	INDEX OF VOL 106 PART 1	Index of Technical and Symposium Papers Vol. 106, Part 1	2000	ASHRAE	0
2371	MN-00-1	Symposium on Experience with Weather Data for Simulation and Design, Part 1: Simulation, Ventilation, and Daylighting	2000	ASHRAE	0
2372	MN-00-1-1	Applicable Input Data for a Proposed Ventilation Modeling Data Guide	2000	ASHRAE	0
2373	MN-00-1-2	Simulation of a Naturally Ventilated Building at Different Locations	2000	ASHRAE	0
2374	MN-00-1-3	Computer Analysis and Comparison of Experimental Data for Moisture Accumulation in Concrete Masonry Walls See Technical Paper 4406, p.347	2000	ASHRAE	0
2375	MN-00-1-4	Estimation of Annual Energy-Saving Contribution of an Automated Blind System	2000	ASHRAE	0
2376	MN-00-2	Symposium on Ground-Source Heat Pump Bore Field Issues and Regulations	2000	ASHRAE	0
2377	MN-00-2-1	Geology and the Ground Heat Exchanger: What Engineers Need to Know	2000	ASHRAE	0
2378	MN-00-2-2	Measurement of Thermal Conductivity for Three Borehole Fill Materials Used for GSHP	2000	ASHRAE	0
2379	MN-00-2-3	GSHP Bore Field Performance Comparisons of Standard and Thermally Enhanced Grout	2000	ASHRAE	0
2380	MN-00-2-4	Regulations on Grouting for Closed-Loop Ground-Coupled Heat Pumps in the United States	2000	ASHRAE	0
2381	MN-00-3	Symposium on Experience with Weather Data for Simulation and Design, Part 2: Simulation	2000	ASHRAE	0
2382	MN-00-3-1	Development of Expanded AMeDAS Weather Data for Building Energy Calculation in Japan	2000	ASHRAE	0
2383	MN-00-3-2	Effect of Data Period-of-Record on Estimation of HVAC&R Design Temperatures	2000	ASHRAE	0
2384	MN-00-3-3	Comparison of Manual Load Calculation Using Simplified Weather Data with Simulation and Hourly Weather Data	2000	ASHRAE	0
2385	MN-00-4	Symposium on HVAC is for People Too	2000	ASHRAE	0
2386	MN-00-4-1	Outdoor Temperature and Indoor Thermal Comfort: Raising the Precision of the Relationship for the 1998 ASHRAE Database of Field Studies	2000	ASHRAE	0
2387	MN-00-4-2	Effects of Measurement and Formulation Error on Thermal Comfort Indices in the ASHRAE Database of Field Studies	2000	ASHRAE	0
2388	MN-00-4-3	Temperature and Humidity: Important Factors for Perception of Air Quality and for Ventilation Requirements	2000	ASHRAE	0
2389	MN-00-4-4	Angle Factors between Human Body and Rectangular Planes Calculated by a Numerical Model	2000	ASHRAE	0
2390	MN-00-4-5	Discomfort Due to Skin Humidity with Different Fabric Textures and Materials	2000	ASHRAE	0
2391	MN-00-5	Symposium on Ground-Source Heat Pump Systems: the Inside-the-Building Story	2000	ASHRAE	0
2392	MN-00-5-1	Implications of the Measured Performance of Variable Flow Pumping Systems in Geothermal and Water Loop Heat Pump Applications	2000	ASHRAE	0
2393	MN-00-5-2	Energy Use of Ventilation Air Conditioning Options for Ground-Source Heat Pump Systems	2000	ASHRAE	0
2394	MN-00-5-3	Comparative Analysis of Life-Cycle Costs of Geothermal Heat Pumps and Three Conventional HVAC Systems	2000	ASHRAE	0
2395	MN-00-5-4	Representative Operating Problems of Commercial Ground-Source and Groundwater-Source Heat Pumps	2000	ASHRAE	0
2396	MN-00-6	Symposium on Advances in Thermal and Fluid Flow Characteristics of HVAC and Refrigeration Processes	2000	ASHRAE	0
2397	MN-00-6-1	Modeling Frost Characteristics on Heat Exchanger Fins: Part 1, Numerical World See Technical Paper 4407, p.357	2000	ASHRAE	0
2398	MN-00-6-2	Modeling Frost Characteristics on Heat Exchanger Fins: Part 2, Model Validation and Limitations See Technical Paper 4408, p.368	2000	ASHRAE	0

2399	MN-00-6-3	Hydrodynamic Characteristics of Propane (R-290), Isobutane (R-600a), and 50/50 Mixture of Propane and Isobutane	2000	ASHRAE	0
2400	MN-00-6-4	Experimental Evaluation of Five Refrigerants as Replacements for R-22	2000	ASHRAE	0
2401	MN-00-7	Symposium on Energy and Thermal Performance of Skylights and Complex Window Systems	2000	ASHRAE	0
2402	MN-00-7-1	Surface Temperature Measurements Inside an Insulated Glazing Unit Using Liquid Crystals	2000	ASHRAE	0
2403	MN-00-7-2	Experimental Procedure and Uncertainty Analysis of a Guarded Hotbox Method to Determine the Thermal Transmission Coefficient of Skylights and Sloped Glazing	2000	ASHRAE	0
2404	MN-00-7-3	U-Factors of Flat and Domed Skylights	2000	ASHRAE	0
2405	MN-00-8	Symposium on Design Analysis and Approach to Meet Clinical Patients' Ventilation Requirements	2000	ASHRAE	0
2406	MN-00-8-1	HVAC Systems for Inpatient Rooms	2000	ASHRAE	0
2407	MN-00-8-2	HVAC Design Approach and Design Criteria for Health Care Facilities	2000	ASHRAE	0
2408	MN-00-8-3	Inpatient Facility Requirements	2000	ASHRAE	0
2409	MN-00-8-4	Comparative Analysis of HVAC Systems that Minimize the Risk of Airborne Infectious Disease Transmission	2000	ASHRAE	0
2410	MN-00-9	Symposium on Refrigerant System Chemistry Update	2000	ASHRAE	0
2411	MN-00-9-1	Impact of Chemistry on the Use of Polyol Ester Lubricants in Refrigeration	2000	ASHRAE	0
2412	MN-00-9-3	Effects of Lubricant Miscibility and Viscosity on the Performance of an R-134a Refrigerating System	2000	ASHRAE	0
2413	MN-00-10	Symposium on Residential Ventilation and IAQ	2000	ASHRAE	0
2414	MN-00-10-1	Selecting Whole-House Ventilation Strategies to Meet Proposed Standard 62.2: Energy Cost Considerations	2000	ASHRAE	0
2415	MN-00-10-2	Comparative Ventilation System Tests in a Mixed Climate	2000	ASHRAE	0
2416	MN-00-10-3	Measurement of Ventilation and Interzonal Distribution in Single-Family Homes	2000	ASHRAE	0
2417	MN-00-11	Symposium on Hospital Design Criteria - New Research and Applications	2000	ASHRAE	0
2418	MN-00-11-1	Effective UVGI System Design Through Improved Modeling	2000	ASHRAE	0
2419	MN-00-11-2	Methodology for Minimizing Risk from Airborne Organisms in Hospital Isolation Rooms	2000	ASHRAE	0
2420	MN-00-11-3	Thermal Comfort, Uniformity, and Ventilation Effectiveness in Patient Rooms: Performance Assessment Using Ventilation Indices	2000	ASHRAE	0
2421	MN-00-11-4	Health Care Facility Design Manual - Room Design	2000	ASHRAE	0
2422	MN-00-12	Symposium on Field Validation of ASHRAE Standard 152P	2000	ASHRAE	0
2423	MN-00-12-1	Field Validation of Standard 152P RP-1056	2000	ASHRAE	0
2424	MN-00-12-2	Evaluation of the Duct Leakage Estimation Procedures of ASHRAE Standard 152P	2000	ASHRAE	0
2425	MN-00-12-3	Validation of ASHRAE Standard 152P in Basement Warm-Air Distribution Systems	2000	ASHRAE	0
2426	MN-00-12-4	Field Evaluation of a Residential Hydronic Distribution System in the Cooling Mode	2000	ASHRAE	0
2427	MN-00-13	Symposium on Hybrid Radiant Heating and Cooling - Case Studies	2000	ASHRAE	0
2428	MN-00-13-1	Rationalization and Optimization of Heating Systems Coupled to Ground-Source Heat Pumps	2000	ASHRAE	0
2429	MN-00-13-2	Monitoring and Evaluating a Year-Round Radiant/Convective System RP-1140	2000	ASHRAE	0
2430	MN-00-13-3	Hydraulic-Powered Fan Coil for Advanced Hydronic Distribution Systems, Part I: Thermal Performance and Energy Characterization of Conventional Fan-Coil Units	2000	ASHRAE	0
2431	MN-00-13-4	Hydraulic-Powered Fan Coil for Advanced Hydronic Distribution Systems, Part II: Thermal Performance and Energy Requirements of Modified Fan-Coil Units	2000	ASHRAE	0
2432	MN-00-14	Symposium on the Use of Computational Fluid Dynamics in Heat-Exchanger Design	2000	ASHRAE	0
2433	MN-00-14-1	3-D Simulation of Thermal-Hydraulic Characteristics of Louvered Fin-and-Tube Heat Exchangers with Oval Tubes	2000	ASHRAE	0
2434	MN-00-14-2	Numerical Analysis of Three-Dimensional Heat Transfer and Fluid Flow in Chevron Plate Channels	2000	ASHRAE	0
2435	MN-00-14-3	Computational Study of Heat Transfer and Friction Characteristics of a Smooth Wavy Fin Heat Exchanger	2000	ASHRAE	0
2436	MN-00-15	Symposium on Ownership Costs and Test Results for New Residential Water Heating Systems	2000	ASHRAE	0



2437	MN-00-15-1	Thermal Performance of Residential Electric Water Heaters Using Alternative Blowing Agents See Technical paper 4409, p.337	2000	ASHRAE	0
2438	MN-00-15-2	Cost of Increased Energy Efficiency for Residential Water Heaters	2000	ASHRAE	0
2439	MN-00-15-3	Monte Carlo Approach to the Calculation of Energy Consumption for Residential Gas-Fired Water Heaters	2000	ASHRAE	0
2440	MN-00-16	Symposium on When is Thermal Storage the Low Capital Cost Alternative for New Construction?	2000	ASHRAE	0
2441	MN-00-16-1	Cooling Thermal Storage Capital Cost Economies	2000	ASHRAE	0
2442	MN-00-16-2	Contribution of Stratified Thermal Storage to Cost-Effective Trigeneration Project	2000	ASHRAE	0
2443	MN-00-16-3	Dynamic Ice - Low-Cost Alternative for New Construction	2000	ASHRAE	0
2444	4318	Development of the Design Climatic Data for the 1997 ASHRAE Handbook - Fundamentals RP-890	2000	ASHRAE	0
2445	4319	Environmental Design Using Dynamic Insulation	2000	ASHRAE	0
2446	4320	Implementation of Comfort-Based Air-Handling Unit Control Algorithms	2000	ASHRAE	0
2447	4321	Indices of Thermal Comfort Developed from Field Survey in Brazil	2000	ASHRAE	0
2448	4322	Space Suit Thermal Dynamics	2000	ASHRAE	0
2449	4323	Comparison of Binary Mixture Heat and Mass Transfer Analysis with Single-Component Heat and Mass Transfer Analysis in the Design of GAX Absorber/Desorber	2000	ASHRAE	0
2450	4324	Optimal Design of Liquid Desiccant Cooling Systems	2000	ASHRAE	0
2451	4325	Parametric Analysis of Variables That Affect the Performance of a Desiccant Dehumidification System	2000	ASHRAE	0
2452	4326	Performance Characteristics of a Commercially Available Gas-Fired Desiccant System	2000	ASHRAE	0
2453	4327	Second Law Analysis of Multi-Stage Lithium Bromide/Water Absorption Heat Transformers	2000	ASHRAE	0
2454	4328	Method for Measuring Ice Slurry Particle Agglomeration in Storage Tanks	2000	ASHRAE	0
2455	4329	Simplified Procedure for HVAC Duct Sizing	2000	ASHRAE	0
2456	4330	Experimental Investigation of the Effect of Hydrophobicity on the Rate of Frost Growth in Laminar Channel Flows	2000	ASHRAE	0
2457	4331	ASHRAE's New Chiller Heat Recovery Application Guide RP-892	2000	ASHRAE	0
2458	4332	Automated Generation of Hourly Design Sequences RP-962	2000	ASHRAE	0
2459	4333	Comprehensive Evaluation of Radiant Cooling System Integrated with Ice Storage System	2000	ASHRAE	0
2460	4334	Duct Cleaning: a Review of Associated Health Effects and Results of Company and Expert Surveys	2000	ASHRAE	0
2461	4335	Methods and Criteria for Cleaning Contaminated Ducts and Air-Handling Equipment RP-759	2000	ASHRAE	0
2462	4336	Evaluating the Accuracy of PUREZ in Predicting Unitary Equipment Performance RP-859	2000	ASHRAE	0
2463	4337	Evaluation of Design Ventilation Requirements for Enclosed Parking Facilities RP-945	2000	ASHRAE	0
2464	4338	Field Evaluation of Ventilation System Performance in Enclosed Parking Garages RP-945	2000	ASHRAE	0
2465	4339	Experimental Water Vapor Permeability Results for Common Wall Materials RP-864	2000	ASHRAE	0
2466	4340	Implementation of a Near-Optimal Global Set Point Control Method in a DDC Controller	2000	ASHRAE	0
2467	4341	Improved Fluids for Naturally Stratified Chilled Water Storage Systems RP-993	2000	ASHRAE	0
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2674	SE-99-3-2	Update on Legionnaires' Disease and Cooling Systems: Case History Reviews - What Happened/What to Do and Current Guidelines	1999	ASHRAE	0
2675	SE-99-3-3	Control of Legionnaires' Disease - An Australian Perspective	1999	ASHRAE	0
2676	SE-99-3-4	Laboratory Observations of Biocide Efficiency Against Legionella in Model Cooling Tower Systems	1999	ASHRAE	0
2677	SE-99-4	Symposium on Advances in Thermal and Fluid Aspects of Alternative Refrigerants/Refrigerant Mixtures	1999	ASHRAE	0
2678	SE-99-4-1	Two-Phase Flow Condensation Characteristics of Alternatives to R-502 Inside Air/Refrigerant Enhanced Surface Tubing	1999	ASHRAE	0
2679	SE-99-4-2	An Experimental Study of the Performance of Capillary Tubes for R-407C Refrigerant	1999	ASHRAE	0
2680	SE-99-5	Symposium on HVAC is for People Too	1999	ASHRAE	0
2681	SE-99-5-1	Air Humidity Requirements for Human Comfort	1999	ASHRAE	0
2682	SE-99-5-2	Thermal Comfort Requirements: A Study of People with Multiple Sclerosis	1999	ASHRAE	0
2683	SE-99-5-3	Occupant Feedback Questionnaire Producing a Fingerprint and a Score	1999	ASHRAE	0
2684	SE-99-5-4	Use of a Portable Indoor Environmental Quality Logger for Indoor Environmental Quality Assessment	1999	ASHRAE	0
2685	SE-99-6	Symposium on Accuracy Tests for Simulation Models	1999	ASHRAE	0
2686	SE-99-6-1	Overview of Validation Methods for Energy and Environmental Software	1999	ASHRAE	0
2687	SE-99-6-2	Validation of Two French Building Energy Programs, Part 1: Analytical Verification	1999	ASHRAE	0
2688	SE-99-6-3	Validation of Two French Building Energy Programs, Part 2: Parameter Estimation Method Applied to Empirical Validation	1999	ASHRAE	0

2689	SE-99-06-04	Adaptation of the BESTEST Intermodel Comparision Method for Proposed ASHRAE Standard 140P: Method of Test for Building Energy Simulation Programs	1999	ASHRAE	0
2690	SE-99-7	Symposium on Performance of Air Diffusion Systems in Terms of Thermal Comfort, IAQ, and Energy Efficiency	1999	ASHRAE	0
2691	SE-99-7-1	Floor-Supply Displacement Air-Conditioning: Laboratory Experiments	1999	ASHRAE	0
2692	SE-99-7-2	Influence of Heat and Contaminant Source Nonuniformity on the Performance of Three Different Room Air Distribution Methods	1999	ASHRAE	0
2693	SE-99-7-3	Study on the Applicability of the Desk Displacement Ventilation Concept	1999	ASHRAE	0
2694	SE-99-9	Symposium on Application of New Technologies in the Design of District Heating and Cooling	1999	ASHRAE	0
2695	SE-99-09-01	AHP Approach for Evaluating Geothermal District Energy Systems	1999	ASHRAE	0
2696	SE-99-09-02	Infrared Thermography for Condition Assessment of Buried District Heating Piping	1999	ASHRAE	0
2697	SE-99-09-03	Dynamics of Primary/Secondary Chilled Water Systems	1999	ASHRAE	0
2698	SE-99-09-04	TEA-Temperature and Energy Accumulated	1999	ASHRAE	0
2699	SE-99-10	Symposium on Proven Strategies for Reducing Building's Energy Impact on the Environment	1999	ASHRAE	0
2700	SE-99-10-1	Improving the Environmental Performance of a Small-Scale Industrial Building Project	1999	ASHRAE	0
2701	SE-99-10-2	Low-Energy Building Design - The Process and a Case Study	1999	ASHRAE	0
2702	SE-99-10-3	BREEAM Strategy for Reducing Buildings' Environmental Impact	1999	ASHRAE	0
2703	SE-99-10-4	Process Makes Product: Demonstration Green Building at Canadian University	1999	ASHRAE	0
2704	SE-99-11	Symposium on Residential Ventilation and IAQ	1999	ASHRAE	0
2705	SE-99-11-01	Residential Pollutants and Ventilation Strategies: Moisture and Combustion Products	1999	ASHRAE	0
2706	SE-99-11-02	Residential Pollutants and Ventilation Strategies: Volatile Organic Compounds and Radon	1999	ASHRAE	0
2707	SE-99-11-03	Passive Ventilation for Residential Air Quality Control	1999	ASHRAE	0
2708	SE-99-11-04	Occupant Interaction with Washington State Ventilation and Indoor Air Quality Code Mandated Whole House Ventilation Systems: Telephone Survey Results - Washington State University Energy Program	1999	ASHRAE	0
2709	SE-99-11-05	Simplified Tools for Evaluating Domestic Ventilation Systems	1999	ASHRAE	0
2710	SE-99-12	Symposium on Advances in Evaluating Window Performance	1999	ASHRAE	0
2711	SE-99-12-01	Determination of the Overall Heat Transmission Coefficient (U Value) of Vacuum Glazing	1999	ASHRAE	0
2712	SE-99-12-21	Convective Heat Transfer Correlations for Fenestration Glazing Cavities: A Review	1999	ASHRAE	0
2713	SE-99-12-03	New Approach to Edge-Glass Temperature Prediction and its Application to Predicting Thermal Breakage in Insulated Glazing Units	1999	ASHRAE	0
2714	SE-99-12-4	Comparison of the Thermal Performance of an Exhaust-Air Window and a Supply-Air Window	1999	ASHRAE	0
2715	SE-99-13	Symposium on Application of Heat and Mass Balance Methods to Energy and Thermal Load Calculations	1999	ASHRAE	0
2716	SE-99-13-01	Significance of Modeling Internal Surface Convection in Dynamic Whole-Building Simulation Programs	1999	ASHRAE	0
2717	SE-99-13-2	Modeling the Energy Effects of Combined Heat and Mass Transfer in Building Elements: Part 1 - Theory	1999	ASHRAE	0
2718	SE-99-13-3	Modeling the Energy Effects of Combined Heat and Mass Transfer in Building Elements: Part 2 - Application to a Building Energy Analysis Program and Examples	1999	ASHRAE	0
2719	SE-99-13-04	Comparison of Coupled and Decoupled Solutions for Temperature and Air Flow in a Building	1999	ASHRAE	0
2720	SE-99-14	Symposium on Lubricant Properties - Test Methods and Data Update	1999	ASHRAE	0
2721	SE-99-14-1	Miscibility Comparison for Three Refrigerant Mixtures and Four Component Refrigerants	1999	ASHRAE	0
2722	SE-99-14-02	Physical and Chemical Properties of Refrigeration Lubricants	1999	ASHRAE	0
2723	SE-99-14-3	Determination of Properties of Highly Optimized Polyol Ester Lubricants	1999	ASHRAE	0
2724	SE-99-14-04	Determination of Properties of PVE Lubricants with HFC Refrigerants	1999	ASHRAE	0
2725	SE-99-15	Symposium on Performance Evaluation of Window Frames and Attachments	1999	ASHRAE	0
2726	SE-99-15-01	Calculating the Solar Heat Gain of Window Frames	1999	ASHRAE	0



2727	SE-99-15-02	Calormetric Measurement of the Inward-Flowing Fraction of Absorbed Solar Radiation in Venetian Blinds	1999	ASHRAE	0
2728	SE-99-15-03	Convective Heat Transfer from a Window with a Venetian Blind: Detailed Modeling	1999	ASHRAE	0
2729	SE-99-15-04	Measurement of the Solar Heat Gain Coefficient and U Value of Windows with Insect Screens	1999	ASHRAE	0
2730	SE-99-16	Symposium on Use of Uncertainty Analysis in Design and Performance Evaluations	1999	ASHRAE	0
2731	SE-99-16-1	Engineering Uncertainty Analysis in the Evaluation of Energy and Cost Savings of Cooling System Alternatives Based on Field-Monitored Data RP-1004	1999	ASHRAE	0
2732	SE-99-16-2	Engineering Uncertainty Analysis in the Evaluation of Evaluating the Uncertainty in Cool Storage Inventory Using an Energy Balance Method	1999	ASHRAE	0
2733	SE-99-16-3	Economic Uncertainties in Chilled Water System Design	1999	ASHRAE	0
2734	SE-99-17	Symposium on Air Sampling Technologies for Air Quality Monitoring and Control	1999	ASHRAE	0
2735	SE-99-17-1	Air Sampling Using a Shared-Sensor, Vacuum-Draw Approach	1999	ASHRAE	0
2736	SE-99-17-2	Development of PIV Techniques to Measure Airflow Patterns in Ventilated Airspaces	1999	ASHRAE	0
2737	SE-99-17-03	Development of Multipoint Aerosol Sampler Using Critical Flow Control Devices	1999	ASHRAE	0
2738	SE-99-18	Symposium on Documenting and Optimizing the Performance of Operating Thermal Storage Systems	1999	ASHRAE	0
2739	SE-99-18-01	Performance of a Hotel Chilled Water Plant with Cool Storage	1999	ASHRAE	0
2740	SE-99-18-02	Chilled Water Storage Cooling System for an Army Installation	1999	ASHRAE	0
2741	SE-99-18-03	Rehabilitating a Thermal Energy Storage System Through Commissioning	1999	ASHRAE	0
2742	SE-99-19	Symposium on Flammability Test Methods	1999	ASHRAE	0
2743	SE-99-19-1	Flammability Estimation and Fitting to Experimental Data for Complex Mixtures	1999	ASHRAE	0
2744	SE-99-19-02	Experimental and Numerical Analyses of Refrigerant Leaks in a Closed Room	1999	ASHRAE	0
2745	SE-99-19-03	Alternative Approach to Measuring the Critical Flammability Ratio of R-125/R-32	1999	ASHRAE	0
2746	SE-99-19-04	Flammability of R-245ca	1999	ASHRAE	0
2747	SE-99-20	Symposium on Geothermal Heat Pump Systems in Commercial Buildings: Empirical Studies	1999	ASHRAE	0
2748	SE-99-20-01	A New Comparison of Vertical Ground Heat Exchanger Design Methods for Residential Applications	1999	ASHRAE	0
2749	SE-99-20-02	Implications of Measured Commercial Building Loads on Geothermal System Sizing	1999	ASHRAE	0
2750	SE-99-20-03	Benchmark for Performance: Geothermal Applications in Lincoln Public Schools	1999	ASHRAE	0
2751	SE-99-20-04	Comparing Maintenance Costs of Geothermal Heat Pump Systems with Other HVAC Systems in Lincoln Public Schools: Repair, Service, and Corrective Actions	1999	ASHRAE	0
2752	SE-99-21	Symposium on Geothermal Heat Pump Systems in Commercial Buildings: Analytical Studies	1999	ASHRAE	0
2753	SE-99-21-01	Energy Use Ventilation Air Conditioning Options for Ground-Source Heat Pump Systems	1999	ASHRAE	0
2754	SE-99-21-02	Non-Dimensional Pumping Power Curves for Water Loop Heat Pump Systems	1999	ASHRAE	0
2755	SE-99-21-05	Preliminary Evaluation of the DOE-2.1 E Ground Vertical Well Model Using Maxey School Measured Data	1999	ASHRAE	0
2756		Society Business Presented at the ASHRAE Annual Meeting January 23-27, 1999 Chicago, Illinois	1999	ASHRAE	0
2757		Society Business Presented at the ASHRAE Annual Meeting June 18 - 23, 1999 Seattle, Washington	1999	ASHRAE	0
2758		Symposium Papers - Presented at the ASHRAE Annual Meeting - June 18-23, 1999 - Seattle, Washington	1999	ASHRAE	0
2759		International Journal of Heating, Ventilating, Air-Conditioning and Refrigerating Research Volume 5, Number 4, October 1999	1999	ASHRAE	0
2760	JOURN 41-3 TA	ASHRAE Journal Volume 41 Number 3; March 1999	1999	ASHRAE	0
2761	JOURN 41-4 SI	ASHRAE Journal Volume 41 Number 4; April 1999	1999	ASHRAE	0
2762	JOURN 41-9 IAQ	ASHRAE Journal Volume 41 Number 9; September 1999	1999	ASHRAE	0

2763	JOURN 41-10 FHT	ASHRAE Journal Volume 41, Number 10; October 1999	1999	ASHRAE	0
2764	JOURN 41-11 PGR	ASHRAE Journal Volume 41, Number 11; November 1999	1999	ASHRAE	0
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2770	62	Ventilation for Acceptable Indoor Air Quality	1999	ASHRAE	121
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2778	146	Method of Testing and Rating Pool Heaters	1998	ASHRAE	0
2779	139	Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for Regeneration Process	1998	ASHRAE	0
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2924	4	Guideline to Preparation of Operating and Maintenance Documentation for Building Systems	1993	ASHRAE	0
2925	23	Methods of Testing for Rating Positive Displacement Refrigerant Compressors and Condensing Units	1993	ASHRAE	0
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2928	118.2	Method of Testing for Rating Residential Water Heaters Errata - June 12,2001	1993	ASHRAE	0
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2930	103	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers Errata - 1996	1993	ASHRAE	0
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2938	87.1	Method of Testing Fan Vibration - Blade Vibrations and Critical Speeds	1992	ASHRAE	0
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2943	113	Method of Testing for Room Air Diffusion	1990	ASHRAE	0
2944	69	Methods of Testing Discharge Line Refrigerant-Oil Separators	1990	ASHRAE	0
2945	41.8	Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters	1989	ASHRAE	0
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2952	99	Refrigeration Oil Description	1987	ASHRAE	0
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