

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

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1	35	Method of Testing Desiccants for Refrigerant Drying	2024	ASHRAE	0
2	40	Methods of Testing for Rating Heat-Operated Unitary Air-Conditioning and Heat-Pump Equipment	2024	ASHRAE	0
3	100	Energy Conservation in Existing Buildings	2024	ASHRAE	0
4	193	Method of Test for Determining the Airtightness of HVAC Equipment	2024	ASHRAE	0
5	35	Method of Testing Desiccants for Refrigerant Drying	2024	ASHRAE	
6	40	Methods of Testing for Rating Heat-Operated Unitary Air-Conditioning and Heat-Pump Equipment	2024	ASHRAE	
7	84	Method of Testing Air-to-Air Heat Exchangers	2024	ASHRAE	
8	100	Energy Conservation in Existing Buildings	2024	ASHRAE	
9	133	Method of Testing Direct Evaporative Air Coolers	2024	ASHRAE	
10	63.2	Method of Testing Liquid Line Filter-Drier Filtration Capability	2024	ASHRAE	
11	155	Method of Testing for Rating Commercial Space Heating Boiler Systems	2024	ASHRAE	
12	158.1	Methods of Testing Capacity of Refrigerant Solenoid Valves	2024	ASHRAE	
13	183	Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings	2024	ASHRAE	
14	185.3	Method of Testing Commercial and Industrial In-Room Air-Cleaning Devices and Systems for Microorganism Bioaerosol Removal or Inactivation in a Test Chamber	2024	ASHRAE	
15	193	Method of Test for Determining the Airtightness of HVAC Equipment	2024	ASHRAE	
16	200	Methods of Testing Chilled Beams	2024	ASHRAE	
17	206	Method of Testing for Rating of Multipurpose Heat Pumps for Residential Space Conditioning and Water Heating	2024	ASHRAE	
18	189.1	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings	2023	ASHRAE	
19	161	Air Quality within Commercial Aircraft	2023	ASHRAE	
20	70	Method of Testing for Rating the Performance of Air Outlets and Inlets	2023	ASHRAE	
21	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2023	ASHRAE	
22	41.8	Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters	2023	ASHRAE	
23	55	Thermal Environmental Conditions for Human Occupancy	2023	ASHRAE	
24	GUIDELINE 42	Enhanced Indoor Air Quality in Commercial and Institutional Buildings	2023	ASHRAE	0
25	161	Air Quality within Commercial Aircraft	2023	ASHRAE	0
26	55	Thermal Environmental Conditions for Human Occupancy	2023	ASHRAE	0
27	205	Representation of Performance Data for HVAC&R and Other Facility Equipment	2023	ASHRAE	97
28	214	Standard for Determining and Expressing Building Energy Performance in a Rating Program	2023	ASHRAE	14
29	GUIDELINE 10	Interactions Affecting the Achievement of Acceptable Indoor Environments	2023	ASHRAE	0
30	GUIDELINE 38	Guideline for Using Metal Pressure Vessels to Test Materials Used in Refrigeration Systems	2023	ASHRAE	0
31	41.13	Standard Methods for Fuel Higher Heating Value Measurement	2023	ASHRAE	0
32	211	Standard for Commercial Building Energy Audits	2023	ASHRAE	0

33	228	Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance	2023	ASHRAE	0
34	241	Control of Infectious Aerosols	2023	ASHRAE	0
35	241	Control of Infectious Aerosols	2023	ASHRAE	0
36	GUIDELINE 14	Guideline to Measurement of Energy and Demand Savings	2023	ASHRAE	0
37	22	Methods of Testing for Rating Water-Cooled Refrigerant Condensers	2023	ASHRAE	0
38	41.11	Standard Methods for Power Measurement	2023	ASHRAE	0
39	181	Methods of Testing for Rating Liquid-to-Liquid Heat Exchangers	2023	ASHRAE	0
40	514	Risk Management for Building Water Systems: Physical, Chemical, and Microbial Hazards	2023	ASHRAE	0
41	41.8	Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters	2023	ASHRAE	0
42	135.1	Method of Test for Conformance to BACnet«	2023	ASHRAE	0
43	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2023	ASHRAE	0
44	189.1	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential	2023	ASHRAE	0
45	224	Standard for the Application of Building Information Modeling	2023	ASHRAE	0
46	224	Standard for the Application of Building Information Modeling	2023	ASHRAE	0
47	GUIDELINE 41	Design, Installation and Commissioning of Variable Refrigerant Flow (VRF) Systems	2023	ASHRAE	0
48	GUIDELINE 21	Guide for the Ventilation and Thermal Management of Batteries for Stationary Applications	2022	ASHRAE	140
49	GUIDELINE 16	Selecting Outdoor, Return, and Relief Dampers for Air-Side Economizer Systems	2022	ASHRAE	0
50	23	Methods of Testing for Rating Positive Displacement Refrigerant Compressors and Condensing Units	2022	ASHRAE	0
51	41.3	Standard Methods for Pressure Measurement	2022	ASHRAE	0
52	103	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2022	ASHRAE	0
53	41.2	Standard Methods for Laboratory Airflow Measurement	2022	ASHRAE	0
54	118.2	Method of Testing for Rating Residential Water Heaters	2022	ASHRAE	0
55	120	Method of Testing to Determine Flow Resistance of HVAC Ducts and Fittings	2022	ASHRAE	0
56	139	Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for Regeneration Process	2022	ASHRAE	0
57	174	Method of Test for Rating Desiccant-Based Dehumidification Equipment	2022	ASHRAE	0
58	15.2	Safety Standard for Refrigeration Systems in Residential Applications	2022	ASHRAE	0
59	32.2	Methods of Testing for Rating Pre-Mix and Post-Mix Soft-Drink Vending and Dispensing Equipment	2022	ASHRAE	0
60	62.1	Ventilation for Acceptable Indoor Air Quality	2022	ASHRAE	0
61	62.2	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings	2022	ASHRAE	0
62	15	Safety Standard for Refrigeration Systems Notice	2022	ASHRAE	0
63	34	Designation and Safety Classification of Refrigerants	2022	ASHRAE	0
64	118.1	Method of Testing for Rating Commercial Gas, Electric, and Oil Water Heaters	2022	ASHRAE	0
65	154	Ventilation for Commercial Cooking Operations	2022	ASHRAE	0
66	17	Method of Testing Capacity of Electronic and Thermostatic Refrigerant Expansion Valves	2022	ASHRAE	0
67	113	Method of Testing for Room Air Diffusion	2022	ASHRAE	0
68	230	Commissioning Process for Existing Buildings and Systems	2022	ASHRAE	0
69	32.1	Methods of Testing for Rating Refrigerated Vending Machines for Sealed Beverages	2022	ASHRAE	18

70	90.1 I-P	Energy Standard for Buildings Except Low-Rise Residential Buildings	2022	ASHRAE	468
71	90.1 SI	Energy Standard for Buildings Except Low-Rise Residential Buildings	2022	ASHRAE	468
72	90.4	Energy Standard for Data Centers	2022	ASHRAE	62
73	41.7	Method of Test for Measurement of Flow of Gas	2021	ASHRAE	0
74	41.9	Calorimeter Test Methods for Mass Flow Measurements of Volatile Refrigerants	2021	ASHRAE	0
75	70	Method of Testing for Rating the Performance of Air Outlets and Inlets	2021	ASHRAE	0
76	138	Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling	2021	ASHRAE	0
77	170	Ventilation of Health Care Facilities	2021	ASHRAE	0
78	207	Laboratory Method of Test of Fault Detection and Diagnosis for Air Economizers	2021	ASHRAE	0
79	219	Method of Testing the Ability of Liquid Line Filter Driers or Adsorbents to Remove Organic Acid	2021	ASHRAE	0
80	GUIDELINE 33	Guideline for Documenting Indoor Airflow and Contaminant Transport Modeling	2021	ASHRAE	0
81	153	Method of Test for Mass Flow Capacity of Four-Way Refrigerant Reversing Valves	2021	ASHRAE	0
82	189.3	Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities	2021	ASHRAE	0
83	188	Legionellosis: Risk Management for Building Water Systems	2021	ASHRAE	0
84	GUIDELINE 36	High-Performance Sequences of Operation for HVAC Systems	2021	ASHRAE	0
85	153	Method of Test for Mass Flow Capacity of Four-Way Refrigerant Reversing Valves	2021	ASHRAE	0
86	189.3	Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities	2021	ASHRAE	0
87	188	Legionellosis: Risk Management for Building Water Systems	2021	ASHRAE	0
88	GUIDELINE 36	High-Performance Sequences of Operation for HVAC Systems	2021	ASHRAE	0
89	GUIDELINE 28	Air Quality within Commercial Aircraft	2021	ASHRAE	0
90	41.6	Standard Method for Humidity Measurement	2021	ASHRAE	0
91	164.4	Methods of Test for Commercial and Industrial Adiabatic Humidifiers	2021	ASHRAE	0
92	169	Climatic Data for Building Design Standards	2021	ASHRAE	0
93	GUIDELINE 11	Field Testing of HVAC Controls Components	2021	ASHRAE	0
94	215	Method of Test to Determine Leakage of Operating HVAC Air Distribution Systems	2021	ASHRAE	0
95	105	Standard Methods of Measuring and Expressing Building Energy Performance	2021	ASHRAE	0
96	160	Criteria for Moisture-Control Design Analysis in Buildings	2021	ASHRAE	0
97	62.1 Users Manual	Ventilation for Acceptable Indoor Air Quality	2020	ASHRAE	0
98	90.1 Users Manual	Energy Standard for Buildings Except Low-Rise Residential Buildings	2020	ASHRAE	0
99	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2020	ASHRAE	0
100	26	Mechanical Refrigeration and Air-Conditioning Installations Aboard Ship	2020	ASHRAE	0
101	28	Method of Testing Flow Capacity of Refrigerant Capillary Tubes	2020	ASHRAE	0
102	201	Facility Smart Grid Information Model	2020	ASHRAE	0
103	GUIDELINE 41	Design, Installation and Commissioning of Variable Refrigerant Flow (VRF) Systems	2020	ASHRAE	0
104	40304	NULL	2020	ASHRAE	0

105	40307	Adventures in Heat and Cold	2020	ASHRAE	0
106	90479	SMART GRID APPLIICATION GUIDE	2020	ASHRAE	0
107	41.1	Standard Method for Temperature Measurement	2020	ASHRAE	0
108	41.10	Flowmeter Test Methods for Mass Flow Measurement of Volatile Refrigerants	2020	ASHRAE	0
109	84	Method of Testing Air-to-Air Heat Exchangers	2020	ASHRAE	0
110	146	Method of Testing and Rating Pool Heaters	2020	ASHRAE	0
111	217	Non-Emergency Ventilation in Enclosed Road, Rail, and Mass Transit Facilities	2020	ASHRAE	0
112	225	Method for Performance Testing Centrifugal Refrigerant Compressors and Condensing Units	2020	ASHRAE	0
113	Guideline 12	Minimizing the Risk of Legionellosis Associated with Building Water Systems	2020	ASHRAE	0
114	135	BACnet a Data Communication Protocol for Building Automation and Control Networks	2020	ASHRAE	0
115	169	Climatic Data for Building Design Standards	2020	ASHRAE	0
116	41.11	Standard Methods for Power Measurement	2020	ASHRAE	0
117	55	Thermal Environmental Conditions for Human Occupancy	2020	ASHRAE	0
118	62.2 USER MANUAL	STANDARD 62.2 USER'S MANUAL	2020	ASHRAE	0
119	64	Methods of Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers	2020	ASHRAE	0
120	125	Method of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems	2020	ASHRAE	0
121	126	Method of Testing HVAC Air Ducts SMACNA Standard	2020	ASHRAE	0
122	127	Method of Testing for Rating Computer and Data Processing Room Unitary Air-Conditioners	2020	ASHRAE	0
123	182	Method of Testing Absorption Water-Chilling and Water-Heating Packages	2020	ASHRAE	0
124	183	Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings	2020	ASHRAE	0
125	184	Method of Test for Field Performance of Liquid-Chilling Systems	2020	ASHRAE	0
126	185.1	Method of Testing UV-C Lights for Use in Air-Handling Units or Air Ducts to Inactivate Airborne Microorganisms	2020	ASHRAE	0
127	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
128	189.1	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential	2020	ASHRAE	0
129	190	Method of Testing for Rating Indoor Pool Dehumidifiers	2020	ASHRAE	0
130	204	Method of Test for Rating Micro Combined Heat and Power Devices	2020	ASHRAE	0
131	216	Methods of Test for Determining Application Data of Overhead Circulator Fans	2020	ASHRAE	0
132	221	Test Method to Field-Measure and Score the Cooling and Heating Performance of an Installed Unitary HVAC System	2020	ASHRAE	0
133	90.1 USER MANUAL	STANDARD 90.1 USER'S MANUAL	2019	ASHRAE	0
134	90459	Advanced Energy Design Guide for Small to Medium Office Buildings	2019	ASHRAE	0
135	90467	High-Performance Buildings Simplified	2019	ASHRAE	0
136	D-90467	High-Performance Buildings Simplified	2019	ASHRAE	0
137	D-MECP19	Modeling and Energy Consumption with Parallel and Series VAV Terminal Units with ECM and PSC Motors	2019	ASHRAE	0
138	188 ADD A	Legionellosis: Risk Management for Building Water Systems	2019	ASHRAE	0
139	218	Method of Test for Lubricant and Refrigerant Miscibility Determination	2019	ASHRAE	0
140	GUIDELINE 1.2	Technical Requirements for the Commissioning Process for Existing HVAC&R Systems and Assemblies	2019	ASHRAE	0
141	GUIDELINE 4	Preparation of Operations and Maintenance Documentation for HVAC&R Systems	2019	ASHRAE	0

142	37	Methods of Testing for Rating Unitary Air-Conditioning and Heat Pump Equipment	2019	ASHRAE	0
143	41.8	Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters	2019	ASHRAE	0
144	62.2	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings	2019	ASHRAE	0
145	90.4	Energy Standard for Data Centers	2019	ASHRAE	0
146	135.1	Method of Test for Conformance to BACnet«	2019	ASHRAE	0
147	15 ERTA	Safety Standard for Refrigeration Systems and Designation and Classification of Refrigerants	2019	ASHRAE	0
148	15	Safety Standard for Refrigeration Systems Notice	2019	ASHRAE	0
149	20	Method of Testing for Rating Remote Mechanical-Draft Air-Cooled Refrigerant Condensers	2019	ASHRAE	0
150	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
151	23.2	Methods of Test for Rating the Performance of Positive Displacement Compressors that Operate at Supercritical Pressures of the Refrigerants	2019	ASHRAE	0
152	24	Methods of Testing for Rating Liquid Coolers	2019	ASHRAE	0
153	26 ERTA	Mechanical Refrigeration and Air-Conditioning Installations Aboard Ship	2019	ASHRAE	0
154	30	Methods of Testing Liquid-Chilling Packages First Public Review	2019	ASHRAE	0
155	34 ADD Q	Energy Guideline for Historic Buildings	2019	ASHRAE	0
156	34 ADD S	Energy Guideline for Historic Buildings	2019	ASHRAE	0
157	34 ADD T	Energy Guideline for Historic Buildings	2019	ASHRAE	0
158	34 ADD V	Energy Guideline for Historic Buildings	2019	ASHRAE	0
159	37 ERTA	Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment	2019	ASHRAE	0
160	55 ERTA	Thermal Environmental Conditions for Human Occupancy	2019	ASHRAE	0
161	62.1 ADD M	Ventilation for Acceptable Indoor Air Quality	2019	ASHRAE	0
162	62.1 ADD T	Ventilation for Acceptable Indoor Air Quality	2019	ASHRAE	0
163	62.1	Ventilation for Acceptable Indoor Air Quality	2019	ASHRAE	0
164	62.2 INT 5	Ventilation and Acceptable Indoor Air Quality in Residential Buildings	2019	ASHRAE	0
165	90.1 ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2019	ASHRAE	0
166	90.1	Energy Standard for Buildings Except Low-Rise Residential Buildings	2019	ASHRAE	0
167	90.4 ADD D	Energy Standard for Data Centers	2019	ASHRAE	0
168	90.4 ADD F	Energy Standard for Data Centers	2019	ASHRAE	0
169	90.4 ADD G	Energy Standard for Data Centers	2019	ASHRAE	0
170	90.4 ADD I	Energy Standard for Data Centers	2019	ASHRAE	0
171	103 ERTA	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2019	ASHRAE	0
172	111 ERTA	Testing, Adjusting, and Balancing of Building HVAC Systems	2019	ASHRAE	0
173	135 ADD BR	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
174	135 ADD BS	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
175	135 ADD BT	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
176	135 ADD BU	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
177	135 ADD BW	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
178	135 ADD BY	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
179	135 ADD BZ	A Data Communication Protocol for Building Automation and Control Networks	2019	ASHRAE	0
180	135.1 INT 1	Method of Test for Conformance to BACnet	2019	ASHRAE	0
181	139	Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for Regeneration Process	2019	ASHRAE	0

182	147	Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems	2019	ASHRAE	0
183	150	Method of Testing the Performance of Cool Storage Systems	2019	ASHRAE	0
184	158.1	Methods of Testing Capacity of Refrigerant Solenoid Valves	2019	ASHRAE	0
185	161 ADD A	Air Quality within Commercial Aircraft	2019	ASHRAE	0
186	161 ADD B	Air Quality within Commercial Aircraft	2019	ASHRAE	0
187	161 ADD C	Air Quality within Commercial Aircraft	2019	ASHRAE	0
188	161 ADD D	Air Quality within Commercial Aircraft	2019	ASHRAE	0
189	161 ADD E	Air Quality within Commercial Aircraft	2019	ASHRAE	0
190	189.3 ADD A	Construction, and Operation of Sustainable High-Performance Health Care Facilities	2019	ASHRAE	0
191	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
192	GUIDELINE 0	The Commissioning Process	2019	ASHRAE	0
193	GUIDELINE 1.4 ERTA	Preparing Systems Manuals for Facilities?	2019	ASHRAE	0
194	GUIDELINE 1.4	Preparing Systems Manuals for Facilities	2019	ASHRAE	0
195	GUIDELINE 29	Guideline for the Risk Management of Public Health and Safety in Buildings	2019	ASHRAE	0
196	GUIDELINE 34	Energy Guideline for Historic Buildings	2019	ASHRAE	0
197	GUIDELINE 36 ADD A	High-Performance Sequences of Operation for HVAC Systems	2019	ASHRAE	0
198	GUIDELINE 36 ADD B	High-Performance Sequences of Operation for HVAC Systems	2019	ASHRAE	0
199	GUIDELINE 36 ADD C	High-Performance Sequences of Operation for HVAC Systems	2019	ASHRAE	0
200	GUIDELINE 36 ADD D	High-Performance Sequences of Operation for HVAC Systems	2019	ASHRAE	0
201	GUIDELINE 36 ADD E	High-Performance Sequences of Operation for HVAC Systems	2019	ASHRAE	0
202	RP-1719	Design Guide for Cool Thermal Storage	2019	ASHRAE	0
203	34	Designation and Safety Classification of Refrigerants	2019	ASHRAE	0
204	GUIDELINE 28 ADD B	Air Quality within Commercial Aircraft	2018	ASHRAE	0
205	GUIDELINE 28 ADD C	Air Quality within Commercial Aircraft	2018	ASHRAE	0
206	135 ERTA	A Data Communication Protocol for Building Automation and Control Networks	2018	ASHRAE	0
207	184 ADD A	Method of Test for Field Performance of Liquid-Chilling Systems	2018	ASHRAE	0
208	GUIDELINE 21	Guide for the Ventilation and Thermal Management of Batteries for Stationary Applications	2018	ASHRAE	0
209	41.7	Method of Test for Measurement of Flow of Gas	2018	ASHRAE	0
210	90307	Commissioning Stakeholders' Guide	2018	ASHRAE	0
211	200	Methods of Testing Chilled Beams	2018	ASHRAE	0
212	90454	IT Equipment Power Trends - Third Edition	2018	ASHRAE	0
213	15 INT 1	SAFETY STANDARD FOR REFRIGERATION SYSTEMS	2018	ASHRAE	0

214	147 ADD B	Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems	2018	ASHRAE	0
215	34 ADD N	Designation and Safety Classification of Refrigerants	2018	ASHRAE	0
216	189.1 ERTA	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
217	90.1-2016 SI INT 6	Energy Standard for Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
218	209	Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
219	90.4 ADD A	Energy Standard for Data Centers	2018	ASHRAE	0
220	161	Air Quality within Commercial Aircraft	2018	ASHRAE	0
221	22	Methods of Testing for Rating Liquid-Cooled Refrigerant Condensers	2018	ASHRAE	0
222	GUIDELINE 16	Selecting Outdoor, Return, and Relief Dampers for Air-Side Economizer Systems	2018	ASHRAE	0
223	147 ADD E	Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems	2018	ASHRAE	0
224	201 ERTA	Facility Smart Grid Information Model Errata	2018	ASHRAE	0
225	202 ADD B	Commissioning Process for Buildings and Systems	2018	ASHRAE	0
226	90326	ASHRAE GreenGuide Design, Construction, and Operation of Sustainable Buildings - Fifth Edition	2018	ASHRAE	0
227	62.1 INT 3	VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY	2018	ASHRAE	0
228	90.4 ADD B	Energy Standard for Data Centers	2018	ASHRAE	0
229	62.1 INT 4	VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY	2018	ASHRAE	0
230	62.2 ERTA	Ventilation and Acceptable Indoor Air Quality in Residential Buildings	2018	ASHRAE	0
231	POCKET GUIDE I-P	Pocket Guide for Air Conditioning, Heating, Ventilation, Refrigeration (I-P Edition) - 9th Edition	2018	ASHRAE	0
232	POCKET GUIDE SI	POCKET GUIDE for Air Conditioning, Heating, Ventilation, Refrigeration (SI Edition) - 9th Edition	2018	ASHRAE	0
233	AEDG ZE K12	Advanced Energy Design Guide for K-12 School Buildings Achieving Zero Energy	2018	ASHRAE	0
234	181	Methods of Testing for Rating Liquid-to-Liquid Heat Exchangers	2018	ASHRAE	0
235	100	Energy Efficiency in Existing Buildings	2018	ASHRAE	0
236	GUIDELINE 1.3	Building Operations and Maintenance Training for the HVAC&R Commissioning Process	2018	ASHRAE	0
237	90571	Design Guide for Air Terminal Units Selection, Application, Control, and Commissioning	2018	ASHRAE	0
238	90.1-2016 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
239	15 ADD A	NULL	2018	ASHRAE	0
240	15 ADD E	NULL	2018	ASHRAE	0
241	32.2	Methods of Testing for Rating Pre-Mix and Post-Mix Soft-Drink Vending and Dispensing Equipment	2018	ASHRAE	0
242	34 ADD J	NULL	2018	ASHRAE	0
243	34 ADD K	NULL	2018	ASHRAE	0
244	34 ADD L	NULL	2018	ASHRAE	0
245	34 ADD M	NULL	2018	ASHRAE	0
246	41.2	Standard Methods for Laboratory Airflow Measurement R(1992)	2018	ASHRAE	0
247	41.9	Calorimeter Test Methods for Mass Flow Measurements of Volatile Refrigerants	2018	ASHRAE	0
248	72	Method of Testing Open Refrigerators	2018	ASHRAE	0
249	90.1-2016 I-P INT 6	NULL	2018	ASHRAE	0

250	90.1 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
251	90.1 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2018	ASHRAE	0
252	90.4 ERTA	Energy Standard for Data Centers	2018	ASHRAE	0
253	103 ERTA	Methods of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2018	ASHRAE	0
254	128	Method of Rating Unitary Spot Air Conditioners Errata March 6, 2002	2018	ASHRAE	0
255	135 ADD BD	NULL	2018	ASHRAE	0
256	135 ADD BE	NULL	2018	ASHRAE	0
257	135 ADD BI	NULL	2018	ASHRAE	0
258	135 ADD BK	NULL	2018	ASHRAE	0
259	135 ADD BL	NULL	2018	ASHRAE	0
260	135 ADD BM	NULL	2018	ASHRAE	0
261	135 ADD BN	NULL	2018	ASHRAE	0
262	135 ADD BP	NULL	2018	ASHRAE	0
263	135 ADD BQ	A Data Communication Protocol for Building Automation and Control Networks	2018	ASHRAE	0
264	135.1 ERTA	NULL	2018	ASHRAE	0
265	147 ADD A	NULL	2018	ASHRAE	0
266	147 ADD C	NULL	2018	ASHRAE	0
267	147 ADD D	NULL	2018	ASHRAE	0
268	158.2	Methods of Testing Capacity of Refrigerant Pressure Regulators	2018	ASHRAE	0
269	170 ERTA	Ventilation of Health Care Facilities - Includes ANSI/ASHRAE/ASHE addenda listed in Appendix C	2018	ASHRAE	0
270	174	Method of Test for Rating Desiccant-Based Dehumidification Equipment	2018	ASHRAE	0
271	180	Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems	2018	ASHRAE	0
272	188	Legionellosis: Risk Management for Building Water Systems	2018	ASHRAE	0
273	202	Commissioning Process for Buildings and Systems	2018	ASHRAE	0
274	203	NULL	2018	ASHRAE	0
275	211	Standard for Commercial Building Energy Audits	2018	ASHRAE	0
276	215	Method of Test to Determine Leakage of Operating HVAC Air Distribution Systems	2018	ASHRAE	0
277	222	Standard Method of Test for Electrical Power Drive Systems	2018	ASHRAE	0
278	90456	GUIDE for Sustainable Refrigerated Facilities and Refrigeration Systems	2018	ASHRAE	0
279	90458	Residential INDOOR AIR QUALITY Guide	2018	ASHRAE	0
280	DIRECTRIZ 1.3	NULL	2018	ASHRAE	0
281	GUIDELINE 11	Field Testing of HVAC Controls Components	2018	ASHRAE	0
282	GUIDELINE 16 ERTA	Selecting Outdoor, Return, and Relief Dampers for Air-Side Economizer Systems	2018	ASHRAE	0
283	GUIDELINE 32	Management for Sustainable High-Performance Operations and Maintenance	2018	ASHRAE	0
284	GUIDELINE 36	High-Performance Sequences of Operation for HVAC Systems	2018	ASHRAE	0
285	GUIDELINE 38	Guideline for Using Metal Pressure Vessels to Test Materials Used in Refrigeration Systems	2018	ASHRAE	0

286	REFRIGERATION IP HANDBOOK	NULL	2018	ASHRAE	0
287	REFRIGERATION SI HANDBOOK	NULL	2018	ASHRAE	0
288	90.2	Energy-Efficient Design of Low-Rise Residential Buildings	2018	ASHRAE	0
289	25	Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration	2018	ASHRAE	0
290	90.1-2016 I-P ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
291	41.9 ERTA	Standard Methods for Volatile-Refrigerant Mass Flow Measurements Using Calorimeters	2017	ASHRAE	0
292	135 INT 4	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
293	189.1 ERTA	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
294	188 ADD A	Legionellosis: Risk Management for Building Water Systems	2017	ASHRAE	0
295	199 ERTA	Method of Testing the Performance of Industrial Pulse Cleaned Dust Collectors	2017	ASHRAE	0
296	GUIDELINE 1.5	The Commissioning Process for Smoke Control Systems	2017	ASHRAE	0
297	184 ERTA	Method of Test for Field Performance of Liquid-Chilling Systems	2017	ASHRAE	0
298	135 ERTA	A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
299	188 ADD D	Legionellosis: Risk Management for Building Water Systems	2017	ASHRAE	0
300	90.1-2016 I-P INT 3	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
301	CFSP	Design Guide for Cleanrooms Fundamentals, Systems, and Performance	2017	ASHRAE	0
302	52.2	Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size	2017	ASHRAE	0
303	DOAS	Design Guide for Dedicated Outdoor Air Systems	2017	ASHRAE	0
304	90.1-2016 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
305	214	Standard for Determining and Expressing Building Energy Performance in a Rating Program	2017	ASHRAE	0
306	90.1-2016 I-P ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
307	90.1-2016 SI INT 5	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
308	62.2 ERTA	Ventilation and Acceptable Indoor Air Quality in Residential Buildings	2017	ASHRAE	0
309	GUIDELINE 40	Refrigeration Oil Description	2017	ASHRAE	0
310	194	Method of Test for Direct-Expansion Ground-Source Heat Pumps	2017	ASHRAE	0
311	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
312	170	Ventilation of Health Care Facilities - Includes ANSI/ASHRAE/ASHE addenda listed in Appendix C	2017	ASHRAE	0
313	120	Method of Testing to Determine Flow Resistance of HVAC Ducts and Fittings	2017	ASHRAE	0
314	171	Method of Testing for Rating Seismic and Wind Restraints	2017	ASHRAE	0
315	90.1-2016 I-P ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
316	PRINCIPLES OF HEATING VEN	Principles of Heating Ventilating and Air Conditioning - Edition 8; 90569	2017	ASHRAE	0

317	135 INT 6	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
318	90.1-2016 I-P INT 2	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
319	90.1-2016 SI INT 4	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
320	30	Method of Testing Liquid Chillers	2017	ASHRAE	0
321	135 INT 5	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
322	135 INT 9	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
323	103	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2017	ASHRAE	0
324	200 ADD B	Methods of Testing Chilled Beams	2017	ASHRAE	0
325	32.1	Methods of Testing for Rating Refrigerated Vending Machines for Sealed Beverages	2017	ASHRAE	0
326	GUIDELINE 39	Method of Test for Measuring Fractionated Compositions of Refrigerant Blends	2017	ASHRAE	0
327	189.3	Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities	2017	ASHRAE	0
328	135 INT 8	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
329	188 ADD C	Legionellosis: Risk Management for Building Water Systems	2017	ASHRAE	0
330	169 ERTA	Climatic Data for Building Design Standards	2017	ASHRAE	0
331	55	Thermal Environmental Conditions for Human Occupancy - Includes ANSI/ASHRAE addenda listed in Appendix N	2017	ASHRAE	0
332	55 ADD A	Thermal Environmental Conditions for Human Occupancy	2017	ASHRAE	0
333	172	Method of Test for Insoluble Materials in Synthetic Lubricants and HFC Refrigerant Systems	2017	ASHRAE	0
334	202 ADD A	Commissioning Process for Buildings and Systems	2017	ASHRAE	0
335	62.2 ADD B, D, K, L, Q AN	Ventilation and Acceptable Indoor Air Quality in Residential Buildings	2017	ASHRAE	0
336	15 ADD F	Safety Standard for Refrigeration Systems	2017	ASHRAE	0
337	189.1 ERTA	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
338	189.1	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential	2017	ASHRAE	0
339	135 INT 7	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
340	188 ADD B	Legionellosis: Risk Management for Building Water Systems	2017	ASHRAE	0
341	135 INT 3	BACnet - A Data Communication Protocol for Building Automation and Control Networks	2017	ASHRAE	0
342	103 ERTA	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2017	ASHRAE	0
343	90.1-2016 I-P INT 1	Energy Standard for Buildings Except Low-Rise Residential Buildings	2017	ASHRAE	0
344	63.2	Method of Testing Liquid-Line Filter Drier Filtration Capability	2017	ASHRAE	0
345	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2017	ASHRAE	0
346	34 ADD C	Designation and Safety Classification of Refrigerants	2017	ASHRAE	0
347	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
348	UFAD O&M GUIDE	UFAD O&M GUIDE A Practical Guide for Operation and Maintenance of Underfloor Air Distribution Systems	2016	ASHRAE	0
349	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
350	90.1 Users Manual	Energy Standard for Buildings Except Low-Rise Residential Buildings	2016	ASHRAE	0

351	90.1 Users Manual SI	Energy Standard for Buildings Except Low-Rise Residential Buildings	2016	ASHRAE	0
352	160	Criteria for Moisture-Control Design Analysis in Buildings	2016	ASHRAE	0
353	51	Laboratory Methods of Testing Fans for Aerodynamic Performance Rating	2016	ASHRAE	0
354	90.1-2016 I-P	Energy Standard for Buildings Except Low-Rise Residential Buildings	2016	ASHRAE	0
355	62.1 Users Manual	Ventilation for Acceptable Indoor Air Quality	2016	ASHRAE	0
356	29 ERTA	Method of Testing Automatic Ice Makers	2016	ASHRAE	0
357	62.2 User Manual	Ventilation And Acceptable Indoor Air Quality In Residential Buildings	2016	ASHRAE	0
358	ST-16-017	Performance Analysis of a Ground-Source Heat Pump System Using Mine Water as Heat Sink and Source	2016	ASHRAE	0
359	D-90273	Ventilation and Acceptable Indoor Air Quality in Residential Buildings	2016	ASHRAE	0
360	GUIDELINE 20	Documenting HVAC&R Work Processes and Data Exchange Requirements	2016	ASHRAE	0
361	GUIDELINE 28	Air Quality within Commercial Aircraft	2016	ASHRAE	0
362	GUIDELINE 33	Guideline for Documenting Indoor Airflow and Contaminant Transport Modeling	2016	ASHRAE	0
363	124	Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances	2016	ASHRAE	0
364	125	Method of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems	2016	ASHRAE	0
365	138	Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling	2016	ASHRAE	0
366	164.2	Method of Test for Residential Self-Contained Humidifiers	2016	ASHRAE	0
367	ST-16-001	NULL	2016	ASHRAE	0
368	ST-16-002	NULL	2016	ASHRAE	0
369	ST-16-003	NULL	2016	ASHRAE	0
370	ST-16-004	NULL	2016	ASHRAE	0
371	ST-16-005	NULL	2016	ASHRAE	0
372	ST-16-006	NULL	2016	ASHRAE	0
373	ST-16-007	NULL	2016	ASHRAE	0
374	ST-16-008	NULL	2016	ASHRAE	0
375	ST-16-009	NULL	2016	ASHRAE	0
376	ST-16-010	NULL	2016	ASHRAE	0
377	ST-16-012	NULL	2016	ASHRAE	0
378	ST-16-013	NULL	2016	ASHRAE	0
379	ST-16-014	NULL	2016	ASHRAE	0
380	ST-16-015	NULL	2016	ASHRAE	0
381	ST-16-016	NULL	2016	ASHRAE	0
382	ST-16-018	NULL	2016	ASHRAE	0
383	ST-16-019	NULL	2016	ASHRAE	0
384	ST-16-020	NULL	2016	ASHRAE	0
385	ST-16-022	NULL	2016	ASHRAE	0
386	ST-16-023	NULL	2016	ASHRAE	0
387	ST-16-024	NULL	2016	ASHRAE	0

388	ST-16-025	NULL	2016	ASHRAE	0
389	ST-16-026	NULL	2016	ASHRAE	0
390	ST-16-027	NULL	2016	ASHRAE	0
391	33 ERTA	NULL	2016	ASHRAE	0
392	34 ERTA	NULL	2016	ASHRAE	0
393	52.2 ADD E	NULL	2016	ASHRAE	0
394	52.2 ADD F	NULL	2016	ASHRAE	0
395	55 ERTA	Thermal Environmental Conditions for Human Occupancy	2016	ASHRAE	0
396	62.1	Ventilation for Acceptable Indoor Air Quality	2016	ASHRAE	0
397	62.2 ERTA	NULL	2016	ASHRAE	0
398	62.2	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings	2016	ASHRAE	0
399	79 ERTA	NULL	2016	ASHRAE	0
400	90.1-2013 I-P ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2016	ASHRAE	0
401	90.1-2013 I-P INT 8	NULL	2016	ASHRAE	0
402	90.1-2013 I-P INT 9	NULL	2016	ASHRAE	0
403	90.1-2013 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2016	ASHRAE	0
404	90.1-2013 SI INT 8	NULL	2016	ASHRAE	0
405	90.1-2013 SI INT 9	NULL	2016	ASHRAE	0
406	110 ERTA	NULL	2016	ASHRAE	0
407	135 ADD AJ	NULL	2016	ASHRAE	0
408	135 ADD AM	NULL	2016	ASHRAE	0
409	135 ADD AQ	NULL	2016	ASHRAE	0
410	135 ADD BA	NULL	2016	ASHRAE	0
411	135 ADD BC	NULL	2016	ASHRAE	0
412	135 ADD BF	NULL	2016	ASHRAE	0
413	135 ADD BG	NULL	2016	ASHRAE	0
414	135 ADD BH	NULL	2016	ASHRAE	0
415	145.2 ERTA	NULL	2016	ASHRAE	0
416	170 ADD C	NULL	2016	ASHRAE	0
417	170 ADD F	NULL	2016	ASHRAE	0
418	170 ADD H	NULL	2016	ASHRAE	0
419	170 INT 8	NULL	2016	ASHRAE	0
420	170 INT 9	NULL	2016	ASHRAE	0
421	199	NULL	2016	ASHRAE	0
422	201	NULL	2016	ASHRAE	0
423	90462	NULL	2016	ASHRAE	0

424	GUIDELINE 10 ADD G	NULL	2016	ASHRAE	0
425	15 & 34 INT 2	NULL	2016	ASHRAE	0
426	15 & 34 INT 3	NULL	2016	ASHRAE	0
427	15 ADD B	NULL	2016	ASHRAE	0
428	15 ADD C	NULL	2016	ASHRAE	0
429	15 ADD E	NULL	2016	ASHRAE	0
430	15 ADD G	NULL	2016	ASHRAE	0
431	16	Method of Testing for Rating Room Air Conditioners and Packaged Terminal Air Conditioners R(1999)	2016	ASHRAE	0
432	29 ERRETA	NULL	2016	ASHRAE	0
433	33	Method of Testing Forced Circulation Air Cooling and Air Heating Coils	2016	ASHRAE	0
434	34 ADD AA	NULL	2016	ASHRAE	0
435	34 ADD AB	NULL	2016	ASHRAE	0
436	34 ADD AC	NULL	2016	ASHRAE	0
437	34 ADD AD	NULL	2016	ASHRAE	0
438	34 ADD AF	NULL	2016	ASHRAE	0
439	34 ADD AG	NULL	2016	ASHRAE	0
440	34 ADD AH	NULL	2016	ASHRAE	0
441	34 ADD AI	NULL	2016	ASHRAE	0
442	34 ADD AJ	NULL	2016	ASHRAE	0
443	34 ADD Y	NULL	2016	ASHRAE	0
444	34 ADD Z	NULL	2016	ASHRAE	0
445	37 ERTA	NULL	2016	ASHRAE	0
446	41.8	Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters	2016	ASHRAE	0
447	62.1 ERTA	Ventilation for Acceptable Indoor Air Quality	2016	ASHRAE	0
448	62.1 INT 1	NULL	2016	ASHRAE	0
449	90.1-2016 SI ERTA	NULL	2016	ASHRAE	0
450	90.4	NULL	2016	ASHRAE	0
451	103 ERTA	NULL	2016	ASHRAE	0
452	110	Method of Testing Performance of Laboratory Fume Hoods	2016	ASHRAE	0
453	124 ERTA	NULL	2016	ASHRAE	0
454	126	Method of Testing HVAC Air Ducts SMACNA Standard 126-2000	2016	ASHRAE	0
455	130	Methods of Testing for Rating Ducted Air Terminal Units	2016	ASHRAE	0
456	135 ERTA	NULL	2016	ASHRAE	0
457	135 INT 1	NULL	2016	ASHRAE	0
458	135 INT 2	NULL	2016	ASHRAE	0
459	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
460	145.2	Laboratory Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Air-Cleaning Devices	2016	ASHRAE	0
461	154	(Pending)Ventilation for Commercial Cooking Operations	2016	ASHRAE	0
462	169 ERTA	NULL	2016	ASHRAE	0

463	160 ADD D	NULL	2016	ASHRAE	0
464	160 ADD E	NULL	2016	ASHRAE	0
465	170 ADD M	NULL	2016	ASHRAE	0
466	184	NULL	2016	ASHRAE	0
467	CH-06-4-3	NULL	2016	ASHRAE	0
468	FUNDAMENTAL OF HVAC CONTR	NULL	2016	ASHRAE	0
469	GUIDELINE 10	NULL	2016	ASHRAE	0
470	GUIDELINE 23	NULL	2016	ASHRAE	0
471	OR-05-2-3	NULL	2016	ASHRAE	0
472	OR-16-C001	NULL	2016	ASHRAE	0
473	OR-16-C002	NULL	2016	ASHRAE	0
474	OR-16-C003	NULL	2016	ASHRAE	0
475	OR-16-C004	NULL	2016	ASHRAE	0
476	OR-16-C005	NULL	2016	ASHRAE	0
477	OR-16-C006	NULL	2016	ASHRAE	0
478	OR-16-C007	NULL	2016	ASHRAE	0
479	OR-16-C008	NULL	2016	ASHRAE	0
480	OR-16-C009	NULL	2016	ASHRAE	0
481	OR-16-C010	NULL	2016	ASHRAE	0
482	OR-16-C011	NULL	2016	ASHRAE	0
483	OR-16-C012	NULL	2016	ASHRAE	0
484	OR-16-C013	NULL	2016	ASHRAE	0
485	OR-16-C014	NULL	2016	ASHRAE	0
486	OR-16-C015	NULL	2016	ASHRAE	0
487	OR-16-C016	NULL	2016	ASHRAE	0
488	OR-16-C017	NULL	2016	ASHRAE	0
489	OR-16-C018	NULL	2016	ASHRAE	0
490	OR-16-C019	NULL	2016	ASHRAE	0
491	OR-16-C020	NULL	2016	ASHRAE	0
492	OR-16-C021	NULL	2016	ASHRAE	0
493	OR-16-C023	NULL	2016	ASHRAE	0
494	OR-16-C024	NULL	2016	ASHRAE	0
495	OR-16-C025	NULL	2016	ASHRAE	0
496	OR-16-C026	NULL	2016	ASHRAE	0
497	OR-16-C027	NULL	2016	ASHRAE	0
498	OR-16-C028	NULL	2016	ASHRAE	0
499	OR-16-C029	NULL	2016	ASHRAE	0
500	OR-16-C030	NULL	2016	ASHRAE	0

501	OR-16-C031	NULL	2016	ASHRAE	0
502	OR-16-C032	NULL	2016	ASHRAE	0
503	OR-16-C033	NULL	2016	ASHRAE	0
504	OR-16-C034	NULL	2016	ASHRAE	0
505	OR-16-C035	NULL	2016	ASHRAE	0
506	OR-16-C036	NULL	2016	ASHRAE	0
507	OR-16-C037	NULL	2016	ASHRAE	0
508	OR-16-C038	NULL	2016	ASHRAE	0
509	OR-16-C039	NULL	2016	ASHRAE	0
510	OR-16-C040	NULL	2016	ASHRAE	0
511	OR-16-C041	NULL	2016	ASHRAE	0
512	OR-16-C042	NULL	2016	ASHRAE	0
513	OR-16-C043	NULL	2016	ASHRAE	0
514	OR-16-C044	NULL	2016	ASHRAE	0
515	OR-16-C045	NULL	2016	ASHRAE	0
516	OR-16-C046	NULL	2016	ASHRAE	0
517	OR-16-C047	NULL	2016	ASHRAE	0
518	OR-16-C048	NULL	2016	ASHRAE	0
519	OR-16-C049	NULL	2016	ASHRAE	0
520	OR-16-C050	NULL	2016	ASHRAE	0
521	OR-16-C051	NULL	2016	ASHRAE	0
522	OR-16-C053	NULL	2016	ASHRAE	0
523	OR-16-C054	NULL	2016	ASHRAE	0
524	OR-16-C055	NULL	2016	ASHRAE	0
525	OR-16-C056	NULL	2016	ASHRAE	0
526	OR-16-C057	NULL	2016	ASHRAE	0
527	OR-16-C058	NULL	2016	ASHRAE	0
528	OR-16-C059	NULL	2016	ASHRAE	0
529	OR-16-C060	NULL	2016	ASHRAE	0
530	OR-16-C061	NULL	2016	ASHRAE	0
531	OR-16-C062	NULL	2016	ASHRAE	0
532	OR-16-C063	NULL	2016	ASHRAE	0
533	OR-16-C064	NULL	2016	ASHRAE	0
534	OR-16-C065	NULL	2016	ASHRAE	0
535	OR-16-C066	NULL	2016	ASHRAE	0
536	OR-16-C067	NULL	2016	ASHRAE	0
537	OR-16-C068	NULL	2016	ASHRAE	0
538	OR-16-C069	NULL	2016	ASHRAE	0
539	OR-16-C070	NULL	2016	ASHRAE	0
540	OR-16-C071	NULL	2016	ASHRAE	0
541	OR-16-C072	NULL	2016	ASHRAE	0

542	OR-16-C073	NULL	2016	ASHRAE	0
543	OR-16-C074	NULL	2016	ASHRAE	0
544	OR-16-C075	NULL	2016	ASHRAE	0
545	OR-16-C076	NULL	2016	ASHRAE	0
546	OR-16-C077	NULL	2016	ASHRAE	0
547	OR-16-C078	NULL	2016	ASHRAE	0
548	OR-16-C079	NULL	2016	ASHRAE	0
549	OR-16-C080	NULL	2016	ASHRAE	0
550	OR-16-C081	NULL	2016	ASHRAE	0
551	OR-16-C082	NULL	2016	ASHRAE	0
552	OR-16-C083	NULL	2016	ASHRAE	0
553	OR-16-C084	NULL	2016	ASHRAE	0
554	90577	NULL	2015	ASHRAE	0
555	DATACOM SERIES BOOK 12	NULL	2015	ASHRAE	0
556	GUIDELINE 6	NULL	2015	ASHRAE	0
557	GUIDELINE 1.4 ERTA	NULL	2015	ASHRAE	0
558	185.1 ERTA	NULL	2015	ASHRAE	0
559	185.1 INT	NULL	2015	ASHRAE	0
560	188 INT 1	NULL	2015	ASHRAE	0
561	189.1 ERTA	NULL	2015	ASHRAE	0
562	189.1 USERS MANUAL	NULL	2015	ASHRAE	0
563	170 INT 6	NULL	2015	ASHRAE	0
564	170 INT 7	NULL	2015	ASHRAE	0
565	170 ADD G	NULL	2015	ASHRAE	0
566	170 ADD D	NULL	2015	ASHRAE	0
567	200 ADD A	NULL	2015	ASHRAE	0
568	90136	NULL	2015	ASHRAE	0
569	90316 ERRATA	NULL	2015	ASHRAE	0
570	133	Method of Testing Direct Evaporative Air Coolers	2015	ASHRAE	0
571	103 ERTA	NULL	2015	ASHRAE	0
572	55 INT 2	NULL	2015	ASHRAE	0
573	79	Method of Testing for Rating Fan-Coil Conditioners	2015	ASHRAE	0
574	52.2 ADD A, B, AND D SUPP	NULL	2015	ASHRAE	0
575	52.2 ADD C	NULL	2015	ASHRAE	0
576	41.7	Method of Test for Measurement of Flow of Gas R(2000)	2015	ASHRAE	0
577	52.2 ERTA	NULL	2015	ASHRAE	0
578	52.2 INT 3	NULL	2015	ASHRAE	0

579	55 ADD D	NULL	2015	ASHRAE	0
580	55 ADD E	NULL	2015	ASHRAE	0
581	55 ADD F	NULL	2015	ASHRAE	0
582	55 ERTA	Thermal Environmental Conditions for Human Occupancy	2015	ASHRAE	0
583	34 ADD O	NULL	2015	ASHRAE	0
584	34 ADD P	NULL	2015	ASHRAE	0
585	34 ADD Q	NULL	2015	ASHRAE	0
586	34 ADD R	NULL	2015	ASHRAE	0
587	34 ADD S	NULL	2015	ASHRAE	0
588	34 ADD T	NULL	2015	ASHRAE	0
589	34 ADD A, B, C, D, E, F,	NULL	2015	ASHRAE	0
590		Cold-Climate Buildings Design Guide	2015	ASHRAE	250
591	15 & 34 ERTA 2	NULL	2015	ASHRAE	0
592	15 & 34 ERTA	NULL	2015	ASHRAE	0
593	29	Method of Testing Automatic Ice Makers	2015	ASHRAE	0
594	41.4	Standard Method for Measuring the Proportion of Lubricant in Liquid Refrigerant	2015	ASHRAE	0
595	90.1-2013 SI SUPP	Energy Standard for Buildings Except Low-Rise Residential Buildings	2015	ASHRAE	0
596	100	Energy Conservation in Existing Buildings	2015	ASHRAE	0
597	139	Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process	2015	ASHRAE	0
598	145.1	Laboratory Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Loose Granular Media	2015	ASHRAE	0
599	153	Method of Test for Mass Flow Capacity of Four-Way Refrigerant Reversing Valves	2015	ASHRAE	0
600	164.3	Method of Test for Commercial and Industrial Isothermal Humidifiers	2015	ASHRAE	0
601	185.1	Method of Testing UV-C Lights for Use in Air-Handling Units or Air Ducts to Inactivate Airborne Microorganisms	2015	ASHRAE	0
602	188	Legionellosis: Risk Management for Building Water Systems	2015	ASHRAE	0
603	200	Methods of Testing Chilled Beams	2015	ASHRAE	0
604	90132	Design Guide for Tall, Supertall, and Megatall Building Systems	2015	ASHRAE	0
605	90555	COMBINED HEAT AND POWER DESIGN GUIDE	2015	ASHRAE	0
606	90558	LABORATORY DESIGN GUIDE Planning and Operation of Laboratory HVAC Systems - Second Edition	2015	ASHRAE	0
607	AEDG	Advanced Energy Design Guide for Grocery Stores	2015	ASHRAE	0
608	DATAKOM SERIES BOO	Server Efficiency - Metrics for Computer Servers and Storage	2015	ASHRAE	0
609	GUIDELINE 0.2	Commissioning Process for Existing Systems and Assemblies	2015	ASHRAE	0
610	GUIDELINE 13	Specifying Building Automation Systems	2015	ASHRAE	0
611	GUIDELINE 24	Ventilation and Indoor Air Quality in Low-Rise Residential Buildings	2015	ASHRAE	0
612	118.2	Method of Testing for Rating Residential Water Heaters	2015	ASHRAE	0
613	98020	Fundamentals of Water System Design I-P - Second Edition	2015	ASHRAE	0
614	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

615	GUIDELINE 2	Engineering Analysis of Experimental Data	2014	ASHRAE	0
616	REFRIGERATION IP HANDBOOK	229766805929	2014	ASHRAE	0
617	REFRIGERATION SI HANDBOOK	NULL	2014	ASHRAE	0
618	RP-1616 I-P	NULL	2014	ASHRAE	0
619	105	Standard Methods of Measuring, Expressing and Comparing Building Energy Performance and Greenhouse Gas Emissions	2014	ASHRAE	0
620	23.2	Methods of Test for Rating the Performance of Positive Displacement Compressors that Operate at Supercritical Pressures of the Refrigerants	2014	ASHRAE	0
621	41.3	Standard Methods for Pressure Measurement	2014	ASHRAE	0
622	41.6	Standard Method for Humidity Measurement	2014	ASHRAE	0
623	41.11	Standard Methods for Power Measurement	2014	ASHRAE	0
624	55 ERTA	Thermal Environmental Conditions for Human Occupancy	2014	ASHRAE	0
625	55 ERTA	Thermal Environmental Conditions for Human Occupancy	2014	ASHRAE	0
626	20 ERTA	NULL	2014	ASHRAE	0
627	152	Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems	2014	ASHRAE	0
628	GUIDELINE 1.1 SPAN	Procedures for Preparing Facility Systems Manuals	2014	ASHRAE	0
629	RP-1674	Geothermal Heating and Cooling Design of Ground-Source Heat Pump Systems	2014	ASHRAE	0
630	62.1 ERTA	Ventilation for Acceptable Indoor Air Quality	2014	ASHRAE	0
631	90.1-2013 I-P ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2014	ASHRAE	0
632	90.1-2013 SI ERTA	Energy Standard for Buildings Except Low-Rise Residential Buildings	2014	ASHRAE	0
633	181	Methods of Testing for Rating Liquid-to-Liquid Heat Exchangers	2014	ASHRAE	0
634	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
635	189.1	Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings	2014	ASHRAE	0
636	189.1 Manual	Standard 189.1-2014 User's Manual	2014	ASHRAE	0
637	35	Method of Testing Desiccants for Refrigerant Drying	2014	ASHRAE	0
638	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2014	ASHRAE	0
639	14	Measurement of Energy, Demand, and Water Savings	2014	ASHRAE	0
640	55 INT 1	NULL	2014	ASHRAE	0
641	55 ADD A	NULL	2014	ASHRAE	0
642	55 ADD B	NULL	2014	ASHRAE	0
643	52.2 INT 1	NULL	2014	ASHRAE	0
644	105 ERTA	NULL	2014	ASHRAE	0
645	105 SPANISH	NULL	2014	ASHRAE	0
646	93 ERTA	NULL	2014	ASHRAE	0
647	72	Method of Testing Open Refrigerators	2014	ASHRAE	0
648	135.1 ADD O	NULL	2014	ASHRAE	0
649	206 ADD A	NULL	2014	ASHRAE	0

650	206 ADD B AND C	NULL	2014	ASHRAE	0
651	206 ERTA	Method of Testing for Rating of Multipurpose Heat Pumps for Residential Space Conditioning and Water Heating	2014	ASHRAE	0
652	193 ERTA	NULL	2014	ASHRAE	0
653	170 ADD E	NULL	2014	ASHRAE	0
654	170 ERTA	NULL	2014	ASHRAE	0
655	170 INT 1	NULL	2014	ASHRAE	0
656	170 INT 2	NULL	2014	ASHRAE	0
657	170 ADD A	NULL	2014	ASHRAE	0
658	170 ADD AE	NULL	2014	ASHRAE	0
659	170 ADD B	NULL	2014	ASHRAE	0
660	GUIDELINE 1.4 SPANISH	NULL	2014	ASHRAE	0
661	GUIDELINE 1.4	NULL	2014	ASHRAE	0
662	GUIDELINE 14	NULL	2014	ASHRAE	0
663	GUIDELINE 16	NULL	2014	ASHRAE	0
664	GUIDELINE 28 ADD A	NULL	2014	ASHRAE	0
665	GUIDELINE 33	NULL	2013	ASHRAE	0
666	Guidline 4	NULL	2013	ASHRAE	0
667	GREEN GUIDE	NULL	2013	ASHRAE	0
668	GUIDELINE 0	NULL	2013	ASHRAE	0
669	161 ERTA	NULL	2013	ASHRAE	0
670	170	Ventilation of Health Care Facilities	2013	ASHRAE	0
671	190 INT 1	NULL	2013	ASHRAE	0
672	90550	NULL	2013	ASHRAE	0
673	90562	NULL	2013	ASHRAE	0
674	206	NULL	2013	ASHRAE	0
675	202	NULL	2013	ASHRAE	0
676	90167	NULL	2013	ASHRAE	0
677	158.1 ERTA	NULL	2013	ASHRAE	0
678	90.2 ERTA	NULL	2013	ASHRAE	0
679	84 ADD A	NULL	2013	ASHRAE	0
680	52.2 ERTA	NULL	2013	ASHRAE	0
681	POCKET GUIDE I-P	NULL	2013	ASHRAE	0
682	POCKET GUIDE SI	NULL	2013	ASHRAE	0
683	190	Method of Testing for Rating Indoor Pool Dehumidifiers	2013	ASHRAE	0

684	194	Method of Test for Rating Air Terminal Unit Controls	2013	ASHRAE	0
685	195	Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency	2013	ASHRAE	0
686	198	Commissioning Process for Buildings and Systems	2013	ASHRAE	0
687	206 ERTA	Method of Testing for Rating of Multipurpose Heat Pumps for Residential Space Conditioning and Water Heating	2013	ASHRAE	0
688	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
689	90.1 USERS MANUAL	Users Manual I-P and SI	2013	ASHRAE	0
690	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
691	62.1	Ventilation for Acceptable Indoor Air Quality - Includes ANSI/ASHRAE addenda listed in Appendix J	2013	ASHRAE	0
692	84	Method of Testing Air-to-Air Heat/Energy Exchangers	2013	ASHRAE	0
693	161	Air Quality within Commercial Aircraft	2013	ASHRAE	0
694	169	Climatic Data for Building Design Standards	2013	ASHRAE	0
695	90138	Understanding Psychrometrics - Third Edition	2013	ASHRAE	0
696	90453	HVAC Design Manual for Hospitals and Clinics - Second Edition	2013	ASHRAE	0
697	90554	Principles of Heating Ventilating and Air Conditioning - 7th Edition	2013	ASHRAE	0
698	90557	DISTRICT COOLING GUIDE	2013	ASHRAE	0
699	90560	DISTRICT HEATING GUIDE	2013	ASHRAE	0
700	55	Thermal Environmental Conditions for Human Occupancy - Includes ANSI/ASHRAE addenda listed in Appendix M	2013	ASHRAE	0
701	41.10	Standard Methods for Refrigerant Mass Flow Measurement Using Flowmeters	2013	ASHRAE	0
702	24	Methods of Testing for Rating Liquid Coolers	2013	ASHRAE	0
703	41.1	Standard Method for Temperature Measurement	2013	ASHRAE	0
704	198	Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency	2013	ASHRAE	0
705	15 & 34	Safety Standard for Refrigeration Systems - Includes ANSI/ASHRAE addenda listed in Appendix H	2013	ASHRAE	0
706	18	Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration	2013	ASHRAE	0
707	135.1	Method of Test for Conformance to BACnet	2013	ASHRAE	0
708	147	Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems	2013	ASHRAE	0
709	41.1	Standard Method for Temperature Measurement	2013	ASHRAE	0
710	86	Methods of Testing the Flocc Point of Refrigeration Grade Oils	2013	ASHRAE	0
711	62.2	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings	2013	ASHRAE	0
712	113	Method of Testing for Room Air Diffusion	2013	ASHRAE	0
713	137	Methods of Testing for Efficiency of Space-Conditioning/Water-Heating Appliances That Include a Desuperheater Water Heater	2013	ASHRAE	0
714	138	Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling	2013	ASHRAE	0
715	149	Laboratory Methods of Testing Fans Used to Exhaust Smoke in Smoke Management Systems	2013	ASHRAE	0
716	24	Methods of Testing for Rating Liquid Coolers	2013	ASHRAE	0
717	UFAD GUIDE	NULL	2013	ASHRAE	0
718	TRAN 2012-1	NULL	2012	ASHRAE	0
719	135	BACnet a Data Communication Protocol for Building Automation and Control Networks	2012	ASHRAE	0
720	158.1	Methods of Testing Capacity of Refrigerant Solenoid Valves	2012	ASHRAE	0

721	118.1	Method of Testing for Rating Commercial Gas, Electric, and Oil Water Heaters	2012	ASHRAE	0
722	127	Method of Testing for Rating Computer and Data Processing Room Unitary Air-Conditioners	2012	ASHRAE	0
723	52.2	Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size	2012	ASHRAE	0
724	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
725	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
726	164.1	Method of Test for Residential Central-System Humidifiers	2012	ASHRAE	0
727	164.2	Method of Test for Residential Self-Contained Humidifiers	2012	ASHRAE	0
728	194	Method of Test for Direct-Expansion Ground-Source Heat Pumps	2012	ASHRAE	0
729	4845	Water-source heat pumps Testing and rating for performance Part 1: Water-to-air and brine-to-air heat pumps	2012	ASHRAE	0
730	13256-1	Water-source heat pumps Testing and rating for performance Part 2: Water-to-water and brine-to-water heat pumps	2012	ASHRAE	0
731	IJHVAC 18-1-2	NULL	2012	ASHRAE	0
732	37 ERTA	NULL	2012	ASHRAE	0
733	90286	NULL	2012	ASHRAE	0
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737	90451	NULL	2012	ASHRAE	0
738	90361	NULL	2012	ASHRAE	0
739	173	NULL	2012	ASHRAE	0
740	180	Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems	2012	ASHRAE	0
741	193 ERTA	NULL	2012	ASHRAE	0
742	116 ERTA	NULL	2012	ASHRAE	0
743	160 ADD B	NULL	2012	ASHRAE	0
744	160 ADD C	NULL	2012	ASHRAE	0
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752	124 ERTA	NULL	2011	ASHRAE	0
753	193 ERTA	NULL	2011	ASHRAE	0
754	90383	NULL	2011	ASHRAE	0
755	90389	NULL	2011	ASHRAE	0
756	90450	NULL	2011	ASHRAE	0

757	90339	NULL	2011	ASHRAE	0
758	32.1 INT 1	NULL	2011	ASHRAE	0
759	62.1 USERS MANUAL ERTA	NULL	2011	ASHRAE	0
760	160 ADD A	NULL	2011	ASHRAE	0
761	116 ERTA	NULL	2011	ASHRAE	0
762	LV-11-001	NULL	2011	ASHRAE	0
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875	70	Method of Testing the Performance of Air Outlets and Air Inlets	2011	ASHRAE	0
876	183	Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings	2011	ASHRAE	0
877	41.9	Calorimeter Test Methods for Mass Flow Measurements of Volatile Refrigerants	2011	ASHRAE	0
878	32.2	Methods of Testing for Rating Pre-Mix and Post-Mix Soft-Drink Vending and Dispensing Equipment	2011	ASHRAE	0

879	128	Method of Rating Unitary Spot Air Conditioners	2011	ASHRAE	0
880	125	Method of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems	2011	ASHRAE	0
881	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2011	ASHRAE	0
882	145.2	Laboratory Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Air-Cleaning Devices	2011	ASHRAE	0
883	146	Method of Testing and Rating Pool Heaters	2011	ASHRAE	0
884	158.2	Methods of Testing Capacity of Refrigerant Pressure Regulators	2011	ASHRAE	0
885	64	Methods of Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers	2011	ASHRAE	0
886	154	Ventilation for Commercial Cooking Operations	2011	ASHRAE	0
887	135.1	Method of Test for Conformance to BACnet«	2011	ASHRAE	0
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889	ENERGY EFFICIENCY SET	Energy Efficiency Guide for Existing Commercial Buildings: Technical Implementation	2011	ASHRAE	0
890	151	Practices for Measuring, Testing, Adjusting and Balancing Shipboard HVAC&R Systems	2010	ASHRAE	0
891	35	Method of Testing Desiccants for Refrigerant Drying	2010	ASHRAE	0
892	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
893	116	Methods of Testing for Rating Seasonal Efficiency of Unitary Air Conditioners and Heat Pumps	2010	ASHRAE	0
894	63.2	Method of Testing Liquid Line Filter-Drier Filtration Capability	2010	ASHRAE	0
895	87.3	Methods of Testing Propeller Fan Vibration - Diagnostic Test Methods	2010	ASHRAE	0
896	93	Methods of Testing to Determine the Thermal Performance of Solar Collectors	2010	ASHRAE	0
897	94.1	Method of Testing Active Latent-Heat Storage Devices Based on Thermal Performance	2010	ASHRAE	0
898	94.2	Method of Testing Thermal Storage Devices with Electrical Input and Thermal Output Based on Thermal Performance	2010	ASHRAE	0
899	94.3	Method of Testing Active Sensible Thermal Energy Devices Based on Thermal Performance	2010	ASHRAE	0
900	193	Method of Test for Determining the Airtightness of HVAC Equipment	2010	ASHRAE	0
901	26	Mechanical Refrigeration and Air-Conditioning Installations Aboard Ship	2010	ASHRAE	0
902	28	Method of Testing Flow Capacity of Refrigerant Capillary Tubes	2010	ASHRAE	0
903	32.1	Methods of Testing for Rating Bottled and Canned Beverage Vending Machines	2010	ASHRAE	0
904	90.1 SI	Energy Standard for Buildings Except Low-Rise Residential Buildings	2010	ASHRAE	0
905	55	Thermal Environmental Conditions for Human Occupancy	2010	ASHRAE	0
906	62.1	Ventilation for Acceptable Indoor Air Quality	2010	ASHRAE	0
907	62.2	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings	2010	ASHRAE	0
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976	OR-10-064	NULL	2010	ASHRAE	0
977	62.2 User Manual	NULL	2010	ASHRAE	0
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1148	135 Addenda	BACnet a Data Communication Protocol for Building Automation and Control Networks Addenda v	2009	ASHRAE	0
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1150	138	Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling	2009	ASHRAE	0
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1158	118.1	Method of Testing for Rating Commercial Gas, Electric, and Oil Water Heaters	2008	ASHRAE	0
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1333	52.2 Addenda	Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size Addenda b	2007	ASHRAE	0
1334	32.2	Methods of Testing for Rating Pre-Mix and Post-Mix Soft-Drink Vending and Dispensing Equipment	2007	ASHRAE	0
1335	34	Designation and Safety Classification of Refrigerants Includes ANSI/ASHRAE Addenda Listed in Appendix F	2007	ASHRAE	0
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1342	22	Methods of Testing for Rating Water-Cooled Refrigerant Condensers	2007	ASHRAE	0
1343	143	Method of Test for Rating Indirect Evaporative Coolers	2007	ASHRAE	0
1344	183	Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings	2007	ASHRAE	0
1345	161	Air Quality within Commercial Aircraft	2007	ASHRAE	0
1346	139	Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for Regeneration Process	2007	ASHRAE	0
1347	140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2007	ASHRAE	0
1348	135.1	Method of Test for Conformance to BACnet«	2007	ASHRAE	0
1349	90.1 Users Manual	Energy Standard for Buildings Except Low-Rise Residential Buildings	2007	ASHRAE	0
1350	90.1 Addenda	Energy Standard for Buildings Except Low-Rise Residential Buildings Addenda r	2007	ASHRAE	0
1351	90.1 I-P	Energy Standard for Buildings Except Low-Rise Residential Buildings	2007	ASHRAE	0
1352	90.2	Energy-Efficient Design of Low-Rise Residential Buildings	2007	ASHRAE	0
1353	78	Method of Testing Flow Capacity of Suction Line Filters and Filter-Driers	2007	ASHRAE	0
1354	127	Method of Testing for Rating Computer and Data Processing Room Unitary Air-Conditioners	2007	ASHRAE	0
1355	124	Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances	2007	ASHRAE	0

1356	97	Sealed Glass Tube Method to Test the Chemical Stability of Material for Use within Refrigerant Systems	2007	ASHRAE	0
1357	103	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers	2007	ASHRAE	0
1358	105	Standard Methods of Measuring and Expressing Building Energy Performance	2007	ASHRAE	0
1359	118.2	Method of Testing for Rating Residential Water Heaters	2006	ASHRAE	0
1360	94.1	Method of Testing Active Latent-Heat Storage Devices Based on Thermal Performance	2006	ASHRAE	0
1361	79	Method of Testing for Rating Fan-Coil Conditioners	2006	ASHRAE	0
1362	86	Methods of Testing the Floc Point of Refrigeration Grade Oils	2006	ASHRAE	0
1363	87.3	Methods of Testing Propeller Fan Vibration - Diagnostic Test Methods	2006	ASHRAE	0
1364	70	Method of Testing for Rating the Performance of Air Outlets and Inlets	2006	ASHRAE	0
1365	146	Method of Testing and Rating Pool Heaters	2006	ASHRAE	0
1366	136	A Method of Determining Air Change Rates in Detached Dwellings	2006	ASHRAE	0
1367	169 Addenda	Weather Data for Building Design Standards Addenda a	2006	ASHRAE	0
1368	158.2	Methods of Testing Capacity of Refrigerant Pressure Regulators	2006	ASHRAE	0
1369	25	Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration	2006	ASHRAE	0
1370	28	Method of Testing Flow Capacity of Refrigerant Capillary Tubes R(2006)	2006	ASHRAE	0
1371	41.4	Standard Method for Measurement of Proportion of Lubricant in Liquid Refrigerant	2006	ASHRAE	0
1372	41.7	Method of Test for Measurement of Flow of Gas R(2006)	2006	ASHRAE	0
1373	63.2	Method of Testing Liquid Line Filter-Drier Filtration Capability	2006	ASHRAE	0
1374	94.2	Method of Testing Thermal Storage Devices with Electrical Input and Thermal Output Based on Thermal Performance R(2006)	2006	ASHRAE	0
1375	94.3	Method of Testing Active Sensible Thermal Energy Devices Based on Thermal Performance R(2006)	2006	ASHRAE	0
1376	99	Refrigeration Oil Description	2006	ASHRAE	0
1377	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
1378	169	Weather Data for Building Design Standards	2006	ASHRAE	72
1379	18	Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration	2006	ASHRAE	0
1380	26	Mechanical Refrigeration and Air-Conditioning Installations Aboard Ship	2006	ASHRAE	0
1381	20	Method of Testing for Rating Remote Mechanical-Draft Air-Cooled Refrigerant Condensers	2006	ASHRAE	0
1382	40	Methods of Testing for Rating Heat-Operated Unitary Air-Conditioning and Heat-Pump Equipment	2006	ASHRAE	0
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1685	24	Methods of Testing for Rating Liquid Coolers	2005	ASHRAE	0
1686	72	Method of Testing Open Refrigerators	2005	ASHRAE	0
1687	29	Methods of Testing Automatic Ice Makers R(2005)	2005	ASHRAE	0
1688	116	Methods of Testing for Rating Seasonal Efficiency of Unitary Air Conditioners and Heat Pumps	2005	ASHRAE	0
1689	37	Methods of Testing for Rating Unitary Air-Conditioning and Heat Pump Equipment	2005	ASHRAE	0
1690	64	Methods of Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers	2005	ASHRAE	0
1691	134	Graphic Symbols for Heating, Ventilating, Air-Conditioning, and Refrigerating Systems	2005	ASHRAE	0
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1697	TECH SEC 04-2	NULL	2004	ASHRAE	0
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1699	119	Air Leakage Performance for Detached Single-Family Residential Buildings	2004	ASHRAE	0
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1701	90.2	Energy-Efficient Design of Low-Rise Residential Buildings	2004	ASHRAE	0
1702	152	Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems Second Public Review	2004	ASHRAE	0
1703	158.1	Methods of Testing Capacity of Refrigerant Solenoid Valves	2004	ASHRAE	16
1704	55	Thermal Environmental Conditions for Human Occupancy	2004	ASHRAE	30
1705	62.1	Ventilation for Acceptable Indoor Air Quality	2004	ASHRAE	0
1706	15	Safety Standard for Refrigeration Systems Notice	2004	ASHRAE	42
1707	90.1 SI	Energy Standard for Buildings Except Low-Rise Residential Buildings	2004	ASHRAE	209
1708	150	Method of Testing the Performance of Cool Storage Systems	2004	ASHRAE	0
1709	32.1	Methods of Testing for Rating Bottled and Canned Beverage Vending Machines	2004	ASHRAE	0
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2033	AC-02-11-2	Defrost Efficiency in a No-Frost-Type Household Refrigerator See Technical Paper 4544	2002	ASHRAE	0
2034	AC-02-11-3	Impact of Different Parameters on the Energy Consumption of Domestic Refrigerators	2002	ASHRAE	0
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2037	AC-02-12-2	The Sensitivity of Chiller Performance to Common Faults See Technical Paper 4545	2002	ASHRAE	0
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2053	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
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2680	4316	Transient Two-Dimensional Finite Volume Model for the Simulation of Vertical U-Tube Ground Heat Exchangers	1999	ASHRAE	0
2681	4317	Short Time Step Response Factor Model for Vertical Ground Loop Heat Exchangers	1999	ASHRAE	0
2682	SE-99-1	Symposium on New Load Calculation Methods and Data	1999	ASHRAE	0
2683	SE-99-1-1	Development of Periodic Response Factors for Use with the Radiant Time Series Method	1999	ASHRAE	0
2684	SE-99-1-2	Effect of Beam Solar Radiation Distribution on Peak Cooling Loads	1999	ASHRAE	0
2685	SE-99-1-3	Proposals for a Building Loads Diagnostic Test Procedure	1999	ASHRAE	0
2686	SE-99-1-4	Experimental Results for Heat Gain and Radiant/Convective Split from Equipment in Buildings RP-1055	1999	ASHRAE	0
2687	SE-99-2	Symposium on Optimal Control of Cooling Systems: New Results	1999	ASHRAE	0

2688	SE-99-02-01	Planning Horizon for a Predictive Optimal Controller for Thermal Energy Storage Systems	1999	ASHRAE	0
2689	SE-99-02-02	Impact of Forecasting Uncertainty on the Performance of a Predictive Optimal Controller for Thermal Energy Storage Systems	1999	ASHRAE	0
2690	SE-99-02-03	Economic Analysis of Optimized Control of Central Cooling Plants	1999	ASHRAE	0
2691	SE-99-3	Symposium on Water Treatment for the Year 2000	1999	ASHRAE	0
2692	SE-99-3-1	An Innovative Electronic Descaling Technology for Scale Prevention in a Chiller	1999	ASHRAE	0
2693	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
2694	SE-99-3-3	Control of Legionnaires' Disease - An Australian Perspective	1999	ASHRAE	0
2695	SE-99-3-4	Laboratory Observations of Biocide Efficiency Against Legionella in Model Cooling Tower Systems	1999	ASHRAE	0
2696	SE-99-4	Symposium on Advances in Thermal and Fluid Aspects of Alternative Refrigerants/Refrigerant Mixtures	1999	ASHRAE	0
2697	SE-99-4-1	Two-Phase Flow Condensation Characteristics of Alternatives to R-502 Inside Air/Refrigerant Enhanced Surface Tubing	1999	ASHRAE	0
2698	SE-99-4-2	An Experimental Study of the Performance of Capillary Tubes for R-407C Refrigerant	1999	ASHRAE	0
2699	SE-99-5	Symposium on HVAC is for People Too	1999	ASHRAE	0
2700	SE-99-5-1	Air Humidity Requirements for Human Comfort	1999	ASHRAE	0
2701	SE-99-5-2	Thermal Comfort Requirements: A Study of People with Multiple Sclerosis	1999	ASHRAE	0
2702	SE-99-5-3	Occupant Feedback Questionnaire Producing a Fingerprint and a Score	1999	ASHRAE	0
2703	SE-99-5-4	Use of a Portable Indoor Environmental Quality Logger for Indoor Environmental Quality Assessment	1999	ASHRAE	0
2704	SE-99-6	Symposium on Accuracy Tests for Simulation Models	1999	ASHRAE	0
2705	SE-99-6-1	Overview of Validation Methods for Energy and Environmental Software	1999	ASHRAE	0
2706	SE-99-6-2	Validation of Two French Building Energy Programs, Part 1: Analytical Verification	1999	ASHRAE	0
2707	SE-99-6-3	Validation of Two French Building Energy Programs, Part 2: Parameter Estimation Method Applied to Empirical Validation	1999	ASHRAE	0
2708	SE-99-06-04	Adaptation of the BESTEST Intermodel Comparison Method for Proposed ASHRAE Standard 140P: Method of Test for Building Energy Simulation Programs	1999	ASHRAE	0
2709	SE-99-7	Symposium on Performance of Air Diffusion Systems in Terms of Thermal Comfort, IAQ, and Energy Efficiency	1999	ASHRAE	0
2710	SE-99-7-1	Floor-Supply Displacement Air-Conditioning: Laboratory Experiments	1999	ASHRAE	0
2711	SE-99-7-2	Influence of Heat and Contaminant Source Nonuniformity on the Performance of Three Different Room Air Distribution Methods	1999	ASHRAE	0
2712	SE-99-7-3	Study on the Applicability of the Desk Displacement Ventilation Concept	1999	ASHRAE	0
2713	SE-99-9	Symposium on Application of New Technologies in the Design of District Heating and Cooling	1999	ASHRAE	0
2714	SE-99-09-01	AHP Approach for Evaluating Geothermal District Energy Systems	1999	ASHRAE	0
2715	SE-99-09-02	Infrared Thermography for Condition Assessment of Buried District Heating Piping	1999	ASHRAE	0
2716	SE-99-09-03	Dynamics of Primary/Secondary Chilled Water Systems	1999	ASHRAE	0
2717	SE-99-09-04	TEA-Temperature and Energy Accumulated	1999	ASHRAE	0
2718	SE-99-10	Symposium on Proven Strategies for Reducing Building's Energy Impact on the Environment	1999	ASHRAE	0
2719	SE-99-10-1	Improving the Environmental Performance of a Small-Scale Industrial Building Project	1999	ASHRAE	0
2720	SE-99-10-2	Low-Energy Building Design - The Process and a Case Study	1999	ASHRAE	0
2721	SE-99-10-3	BREEAM Strategy for Reducing Buildings' Environmental Impact	1999	ASHRAE	0
2722	SE-99-10-4	Process Makes Product: Demonstration Green Building at Canadian University	1999	ASHRAE	0
2723	SE-99-11	Symposium on Residential Ventilation and IAQ	1999	ASHRAE	0
2724	SE-99-11-01	Residential Pollutants and Ventilation Strategies: Moisture and Combustion Products	1999	ASHRAE	0
2725	SE-99-11-02	Residential Pollutants and Ventilation Strategies: Volatile Organic Compounds and Radon	1999	ASHRAE	0

2726	SE-99-11-03	Passive Ventilation for Residential Air Quality Control	1999	ASHRAE	0
2727	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
2728	SE-99-11-05	Simplified Tools for Evaluating Domestic Ventilation Systems	1999	ASHRAE	0
2729	SE-99-12	Symposium on Advances in Evaluating Window Performance	1999	ASHRAE	0
2730	SE-99-12-01	Determination of the Overall Heat Transmission Coefficient (U Value) of Vacuum Glazing	1999	ASHRAE	0
2731	SE-99-12-21	Convective Heat Transfer Correlations for Fenestration Glazing Cavities: A Review	1999	ASHRAE	0
2732	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
2733	SE-99-12-4	Comparison of the Thermal Performance of an Exhaust-Air Window and a Supply-Air Window	1999	ASHRAE	0
2734	SE-99-13	Symposium on Application of Heat and Mass Balance Methods to Energy and Thermal Load Calculations	1999	ASHRAE	0
2735	SE-99-13-01	Significance of Modeling Internal Surface Convection in Dynamic Whole-Building Simulation Programs	1999	ASHRAE	0
2736	SE-99-13-2	Modeling the Energy Effects of Combined Heat and Mass Transfer in Building Elements: Part 1 - Theory	1999	ASHRAE	0
2737	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
2738	SE-99-13-04	Comparison of Coupled and Decoupled Solutions for Temperature and Air Flow in a Building	1999	ASHRAE	0
2739	SE-99-14	Symposium on Lubricant Properties - Test Methods and Data Update	1999	ASHRAE	0
2740	SE-99-14-1	Miscibility Comparison for Three Refrigerant Mixtures and Four Component Refrigerants	1999	ASHRAE	0
2741	SE-99-14-02	Physical and Chemical Properties of Refrigeration Lubricants	1999	ASHRAE	0
2742	SE-99-14-3	Determination of Properties of Highly Optimized Polyol Ester Lubricants	1999	ASHRAE	0
2743	SE-99-14-04	Determination of Properties of PVE Lubricants with HFC Refrigerants	1999	ASHRAE	0
2744	SE-99-15	Symposium on Performance Evaluation of Window Frames and Attachments	1999	ASHRAE	0
2745	SE-99-15-01	Calculating the Solar Heat Gain of Window Frames	1999	ASHRAE	0
2746	SE-99-15-02	Calorimetric Measurement of the Inward-Flowing Fraction of Absorbed Solar Radiation in Venetian Blinds	1999	ASHRAE	0
2747	SE-99-15-03	Convective Heat Transfer from a Window with a Venetian Blind: Detailed Modeling	1999	ASHRAE	0
2748	SE-99-15-04	Measurement of the Solar Heat Gain Coefficient and U Value of Windows with Insect Screens	1999	ASHRAE	0
2749	SE-99-16	Symposium on Use of Uncertainty Analysis in Design and Performance Evaluations	1999	ASHRAE	0
2750	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
2751	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
2752	SE-99-16-3	Economic Uncertainties in Chilled Water System Design	1999	ASHRAE	0
2753	SE-99-17	Symposium on Air Sampling Technologies for Air Quality Monitoring and Control	1999	ASHRAE	0
2754	SE-99-17-1	Air Sampling Using a Shared-Sensor, Vacuum-Draw Approach	1999	ASHRAE	0
2755	SE-99-17-2	Development of PIV Techniques to Measure Airflow Patterns in Ventilated Airspaces	1999	ASHRAE	0
2756	SE-99-17-03	Development of Multipoint Aerosol Sampler Using Critical Flow Control Devices	1999	ASHRAE	0
2757	SE-99-18	Symposium on Documenting and Optimizing the Performance of Operating Thermal Storage Systems	1999	ASHRAE	0
2758	SE-99-18-01	Performance of a Hotel Chilled Water Plant with Cool Storage	1999	ASHRAE	0
2759	SE-99-18-02	Chilled Water Storage Cooling System for an Army Installation	1999	ASHRAE	0
2760	SE-99-18-03	Rehabilitating a Thermal Energy Storage System Through Commissioning	1999	ASHRAE	0
2761	SE-99-19	Symposium on Flammability Test Methods	1999	ASHRAE	0
2762	SE-99-19-1	Flammability Estimation and Fitting to Experimental Data for Complex Mixtures	1999	ASHRAE	0
2763	SE-99-19-02	Experimental and Numerical Analyses of Refrigerant Leaks in a Closed Room	1999	ASHRAE	0

2764	SE-99-19-03	Alternative Approach to Measuring the Critical Flammability Ratio of R-125/R-32	1999	ASHRAE	0
2765	SE-99-19-04	Flammability of R-245ca	1999	ASHRAE	0
2766	SE-99-20	Symposium on Geothermal Heat Pump Systems in Commercial Buildings: Empirical Studies	1999	ASHRAE	0
2767	SE-99-20-01	A New Comparison of Vertical Ground Heat Exchanger Design Methods for Residential Applications	1999	ASHRAE	0
2768	SE-99-20-02	Implications of Measured Commercial Building Loads on Geothermal System Sizing	1999	ASHRAE	0
2769	SE-99-20-03	Benchmark for Performance: Geothermal Applications in Lincoln Public Schools	1999	ASHRAE	0
2770	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
2771	SE-99-21	Symposium on Geothermal Heat Pump Systems in Commercial Buildings: Analytical Studies	1999	ASHRAE	0
2772	SE-99-21-01	Energy Use Ventilation Air Conditioning Options for Ground-Source Heat Pump Systems	1999	ASHRAE	0
2773	SE-99-21-02	Non-Dimensional Pumping Power Curves for Water Loop Heat Pump Systems	1999	ASHRAE	0
2774	SE-99-21-05	Preliminary Evaluation of the DOE-2.1 E Ground Vertical Well Model Using Maxey School Measured Data	1999	ASHRAE	0
2775		Society Business Presented at the ASHRAE Annual Meeting January 23-27, 1999 Chicago, Illinois	1999	ASHRAE	0
2776		Society Business Presented at the ASHRAE Annual Meeting June 18 - 23, 1999 Seattle, Washington	1999	ASHRAE	0
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2778		International Journal of Heating, Ventilating, Air-Conditioning and Refrigerating Research Volume 5, Number 4, October 1999	1999	ASHRAE	0
2779	JOURN 41-3 TA	ASHRAE Journal Volume 41 Number 3; March 1999	1999	ASHRAE	0
2780	JOURN 41-4 SI	ASHRAE Journal Volume 41 Number 4; April 1999	1999	ASHRAE	0
2781	JOURN 41-9 IAQ	ASHRAE Journal Volume 41 Number 9; September 1999	1999	ASHRAE	0
2782	JOURN 41-10 FHT	ASHRAE Journal Volume 41, Number 10; October 1999	1999	ASHRAE	0
2783	JOURN 41-11 PGR	ASHRAE Journal Volume 41, Number 11; November 1999	1999	ASHRAE	0
2784	IC 52.2-1999-2	Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size	1999	ASHRAE	0
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2787	IC 62-1989 BOOK	Ventilation for Acceptable Indoor Air Quality	1999	ASHRAE	0
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2790		Technical Papers - Presented at the ASHRAE Annual Meeting June 18-23, 1999 Seattle, Washington	1999	ASHRAE	0
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2792	13256-1	Water-source heat pumps testing and rating for performance Part 1: Water-to-air and brine-to-air heat pumps	1998	ASHRAE	0
2793	13256-2	Water-source heat pumps testing and rating for performance Part 2: Water-to-water and brine-to-water heat pumps	1998	ASHRAE	0
2794	IC 90.1-1989-18	Energy Efficient Design of New Buildings Except Low-Rise Residential Buildings	1998	ASHRAE	0
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2797	146	Method of Testing and Rating Pool Heaters	1998	ASHRAE	0
2798	139	Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for Regeneration Process	1998	ASHRAE	0
2799	JOURN 40-1 ARI	ASHRAE Journal Volume 40 Number 1; January 1998	1998	ASHRAE	0
2800	JOURN 40-2 PSNC	ASHRAE Journal Volume 40 Number 2; February 1998	1998	ASHRAE	0
2801	JOURN 40-3 ATA	ASHRAE Journal Volume 40 Number 3; March 1998	1998	ASHRAE	0
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2815	17	Method of Testing Capacity of Thermostatic Refrigerant Expansion Valves	1998	ASHRAE	0
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2833	68	Laboratory Method of Testing to Determine the Sound Power in a Duct AMCA 330-97	1997	ASHRAE	0
2834	129	Measuring Air-Change Effectiveness	1997	ASHRAE	0
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