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A subject analysis of the AIC's bibliographic database - AIRBASE

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Air Infiltration Centre
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Annex 5 Air Infiltration Centre

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International Energy Agency

In order to strengthen cooperation in the vital area of energy policy, an Agreement on an International Energy Program was formulated among a number of industrialised countries in November 1974. The International Energy Agency (IEA) was established as an autonomous body within the Organisation for Economic Cooperation and Development (OECD) to administer that agreement. Twenty-one countries are currently members of the IEA, with the Commission of the European Communities participating under a special arrangement.

As one element of the International Energy Program, the Participants undertake cooperative activities in energy research, development, and demonstration. A number of new and improved energy technologies which have the potential of making significant contributions to our energy needs were identified for collaborative efforts. The IEA Committee on Energy Research and Development (CRD), assisted by a small Secretariat staff, coordinates the energy research, development, and demonstration programme.

Energy Conservation in Buildings and Community Systems

The International Energy Agency sponsors research and development in a number of areas related to energy. In one of these areas, energy conservation in buildings, the IEA is sponsoring various exercises to predict more accurately the energy use of buildings, including comparison of existing computer programmes, building monitoring, comparison of calculation methods, etc. The difference and similarities among these comparisons have told us much about the state of the art in building analysis and have led to further IEA sponsored research.

Annex V Air Infiltration Centre

The IEA Executive Committee (Buildings and Community Systems) has highlighted areas where the level of knowledge is unsatisfactory and there was unanimous agreement that infiltration was the area about which least was known. An infiltration group was formed drawing experts from most progressive countries, their long term aim to encourage joint international research and to increase the world pool of knowledge on infiltration and ventilation. Much valuable but sporadic and uncoordinated research was already taking place and after some initial ground-work the experts group recommended to their executive the formation of an Air Infiltration Centre. This recommendation was accepted and proposals for its establishment were invited internationally.

The aims of the Centre are the standardisation of techniques, the validation of models, the catalogue and transfer of information, and the encouragement of research. It is intended to be a review body for current world research, to ensure full dissemination of this research and based on a knowledge of work already done to give direction and a firm basis for future research, in the Participating Countries.

The Participants in this task are Canada, Denmark, Italy, Netherlands, Sweden, Switzerland, United Kingdom and the United States.

Introduction

The Air Infiltration Centre's bibliographic database, *AIRBASE,* contains full bibliographic details and concise, informative abstracts in English of published papers on air infiltration in buildings and related subjects. The database provides information on past research and was set up as one of the AIC's centralised services for the benefit of the research community. *AIRBASE* can be searched by a free-text retrieval system to find papers on a given subject, restricted if necessary by language or date of publication. In addition, the AIC will, on request, provide photocopies of papers of specific interest, subject to the usual copyright restrictions.

AIRBASE became fully operational in July, 1980 when it contained 567 entries. At the time of writing, November 1980, this number has increased to 621 with new entries being added at the rate of 20 a month. Regular bulletins will be issued by the AIC notifying organisations in participating countries of additions to the database. This growth in *AIRBASE* reflects the rapid expansion in the subject. A graphic illustration of the dramatic growth in air infiltration research over the past few years is given in Table 1 which represents an analysis of the references in *AIRBASE* by year of publication. This shows that nearly three-quarters of the papers have been published in the last 10 years.

AIRBASE mainly contains abstracts referring to papers on the measurement of ventilation rates, air leakage and the modelling of air infiltration. It also includes papers on the quality of air indoors, including problems of indoor pollutants such as formaldehyde and radon, wind pressure on buildings, retrofitting to reduce air infiltration and the use of air-to-air heat exchangers. *AIRBASE* is growing by the addition of references to both newly published material and older papers as the subject coverage is expanded. This means, of course, that the coverage of some of the related topics is as yet far from comprehensive.

Table 2 analyses the entries in *AIRBASE* by language. This includes references to translations as well as the original language of publication. Where a translation is held by the AIC, a reference to the translation is added to the bibliographic details of the original paper.

This report is presented in two parts. Section 1 consists of a subject analysis of the database, with the results presented in tabular form and reference made from each subject to the index numbers of relevant entries in *AIRBASE.* Section 2 gives a listing of title, author and bibliographic details of all the entries in *AIRBASE* in numerical order. Section 1 can thus be used as an index to Section 2.

TABLE 1 – REFERENCES IN *AIRBASE* BY DATE OF ORIGINAL PUBLICATION

		No. of references
Before 1930		9
1930 – 1939		12
1940 – 1949		7
1950 – 1959		29
1960 – 1964	40	
1965 – 1969	52	92
1970 – 1974	108	
1975 – 1979	315	423
1980		49
		621

TABLE 2 – LANGUAGES COVERED BY *AIRBASE*

	No. of references
Czech	2
Danish	7
Dutch	12
English	492
French	10
German	43
Hungarian	2
Japanese	5
Norwegian	6
Polish	3
Russian	8
Spanish	1
Swedish	52

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#NO 151 RESULTS OF AIR-CHANGE-RATE MEASUREMENTS IN SWISS RESIDENTIAL BUILDINGS.
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JERGLING, A
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#NO 153 WINTER INFILTRATION THROUGH SWINGING-DOOR ENTRANCES IN MULTI-STOREY BUILDINGS.
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ASHAE TRANS. VOL 64 P 421-446 13 FIGS, 5 REFS. #DATE 24:06:1958 IN ENGLISH. BSRIA J

#NO 154 WIND PRESSURES ON THE POST OFFICE TOWER, LONDON
NEWBERRY, C.W. EATON, K.J. MAYNE, J.R.
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#NO 161 DETERMINATION OF THE VENTILATION HEAT LOAD CAUSED BY WIND ON TALL BUILDINGS
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ROGELEIN, W
HEIZ. LUFT. HAUSTECHN. DEC 1967 VOL 18 NO 12 P454-461 11 FIGS, 3 TABS, 5 REFS. = H.V.R.A. TRANSLATION NO 139. #DATE 01:12:1967 IN ENGLISH, GERMAN BSRIA J,SP

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BENNDORF, D
LUFT. KALTETECH VOL 11, NO 2 P67-71, 9 FIGS, 9 REFS. #DATE 01:04:1975 IN GERMAN BSRIA J.

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HILDINGSON, D ; HOLMGREN, S
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#NO 165 A METHOD FOR THE ASSESSMENT OF THE WIND INDUCED NATURAL VENTILATION FORCES ACTING ON LOW RISE BUILDING ARRAYS.
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REIJNIERSE, P.C.
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SHULE, W
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SCHULE, W
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#NO 181 AIR CHANGE RATES IN DWELLINGS.
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#NO 183 VARIATION IN THE AIRTIGHTNESS OF WINDOWS AS A FUNCTION OF THE OUTSIDE TEMPERATURE: MEASUREMENT APPARATUS AND EXAMPLES OF APPLICATION.
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BANKVALL, C
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BUCKLEY, C.W. HARRJE, D.T, KNOWLTON, MP, HEISLER, G.M.
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#NO 188 WIND PRESSURE MEASUREMENTS ON FULL-SCALE BUILDINGS.
DALGLIESH, W.A.
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BURCH, D.M. HUNT, C.M.
ASHRAE TRANS. VOL84. NO 1 P176-196 11FIGS, 11REFS. #DATE 29:01:1978 IN ENGLISH. BSRIA J.

#NO 192 AIR INFILTRATION AND PRESSURE MEASUREMENTS ON TWO OCCUPIED HOUSES.
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#NO 194 THE NEUTRAL ZONE IN VENTILATION
EMSWILER, J.E.
ASHVE TRANS. VOL32 P 59-74 #DATE 27:01:1926 IN ENGLISH BSRIA J.

#NO 195 FUNDAMENTALS OF MOISTURE AND ENERGY FLOW IN CAPILLARY-POROUS BUILDING MATERIALS
CLAESSON, J.
PROC. INT. SEMINAR ON HEAT TRANSFER IN BUILDING, DUBROVNIK AUGUST 29-SEPTEMBER 2 1977, UNESCO, YUGOSLAVIA INT, CENTRE FOR HEAT MASS TRANSFER #DATE 29:08:1977 IN ENGLISH. BSRIA BK.

#NO 196 THE FORMATION OF TWO-STAGE JOINTS
CZIESIELSKI, E.
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#NO 202 VENTILATION IN RELATION TO TOXIC AND FLAMMABLE GASES IN BUILDINGS.
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BUILD. SCI. VOL8 P289-310 25 FIGS, 19 REFS.= BUILDING RESEARCH ESTABLISHMENT CURRENT PAPER 36/74 #DATE 01:08:1973 IN ENGLISH

#NO 203 AIR LEAKAGE STUDIES IN METAL WINDOWS IN A MODERN OFFICE BUILDING.
HOUGHTEN, F.C. O'CONNELL, M.E.
ASHVE TRANS VOL. 34 P321-336 16FIGS 2 TAB, #DATE 01:01:1928 IN ENGLISH. BSRIA J.

#NO 204 AIR LEAKAGE THROUGH A PIVOTED WINDOW
HOUGHTEN, F.C. O'CONNELL, M.E.
ASHVE TRANS. VOL 34. P519-525 5 FIGS, 1 TAB, #DATE 01:06:1928 IN ENGLISH BSRIA J.

#NO 205 THE WEATHERTIGHTNESS OF ROLLED SECTION STEEL WINDOWS.
EMSWILER, J.E. RANDALL, W.C.
ASHVE TRANS. VOL. 34 P527-5, 12 FIGS, 3 TABS, 7 REFS. #DATE 01:06:1928 IN ENGLISH BSRIA J.

#NO 206 EFFECT OF FRAME CAULKING AND STORM WINDOWS ON INFILTRATION AROUND AND THROUGH WINDOW
RICHTMANN, W.M. BRAATZ, C.
ASHVE TRANS, VOL34 P547-559, 9 FIGS, 1 TAB. #DATE 01:06:1928 IN ENGLISH BSRIA J.

#NO 207 VENTILATION OF BUILDINGS : FRESH AIR REQUIREMENTS.
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#NO 208 THE USE OF SOUND TO LOCATE INFILTRATION OPENINGS IN BUILDINGS
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#NO 209 AUTOMATED INSTRUMENTATION FOR AIR INFILTRATION MEASUREMENTS IN BUILDINGS.
HARRJE D.T. HUNT, C.M. TREADO, S.J. MALIK, N.J
PRINCETON UNIVERSITY, CENTRE FOR ENVIRONMENTAL STUDIES, REPORT NO. 13 16 FIGS, 4 TABS, 15 REFS, #DATE 01:04:1975 IN ENGLISH AIC 63

#NO 210 AIR LEAKAGE VALUES FOR RESIDENTIAL WINDOWS.
SASAKI, J.R. WILSON, A.G
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#NO 212 AIR INFILTRATION THROUGH DOUBLE-HUNG WOOD WINDOWS.
LARSON, G L NELSON, D.W, KUBASTA, R.W
ASHVE TRANS. VOL 37. P571-605 15 FITS 7 TABS #DATE 01:06:1931 IN ENGLISH BSRIA J.

#NO 213 AIR LEAKAGE THROUGH VARIOUS FORMS OF BUILDING CONSTRUCTION
HOUGHTEN, F.C. GUTBERLET, C HERBERT, C.A.
ASHVE. TRANS VOL. 37 P177-188 9 FIGS #DATE 01:01:1931 IN ENGLISH BSRIA J.

#NO 214 PRESSURE DIFFERENCE CAUSED BY CHIMNEY EFFECT IN THREE HIGH BUILDINGS.
TAMURA, E.T. WILSON, A.G
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#NO 215 BUILDING PRESSURES CAUSED BY CHIMNEY ACTION AND MECHANICAL VENTILATION
TAMURA, G.T. WILSON, A.G
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#NO 216 INFRARED THERMOGRAPHY AND THERMAL INSULATION IN BUILDINGS.
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#NO 217 RECENT RESEARCH ON WIND FORCES ON TALL BUILDINGS
SCHRIEVER, W.R. DALGLIESH, W.A.
NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BUILDING RESEARCH, TECHNICAL PAPER NO. 298 8FIGS, 17 REFS.= PROC. CANADIAN STRUCTURAL ENGINEERING CONFERENCE 1968. P69-80 #DATE 01:01:1968 IN ENGLISH AIC 62

#NO 218 CONDENSATION BETWEEN THE PANES OF A DOUBLE WINDOW
WILSON, A.G. NOWA K.E.
ASHRAE TRANS.VOL. 65 P551-570 9 FIGS 3 REFS. #DATE 01:06:1959 IN ENGLISH BSRIA J.

#NO 219 COMPARISON OF INTERNAL AND OUTSIDE PRESSURE DISTRIBUTIONS MEASURED AT A MODEL AND AT THE ACTUAL SLOTERVAART HOSPITAL IN AMSTERDAM.
HAM PH.J.
VERWARM. VENT. JUNE 1978 VOL.35 NO.6 P.501-509 12 FIGS, 6 REFS.= PUBLICATION NO .629 TNO RESEARCH INSTITUTE FOR ENVIRONMENTAL HYGIENE. #DATE 01:06:1978 IN ENGLISH BSRIA BK.

#NO 220 WIND TUNNEL AND ON-SITE PRESSURE DISTRIBUTION MEASUREMENTS ON A HOUSE AND ITS EFFECTS ON INFILTRATION
DE GIDS W.F. VAN SCHIJNDEL L.L.M. TON J.A.
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#NO 221 AIR INFILTRATION MEASUREMENT AND REDUCTION TECHNIQUES ON ELECTRICALLY HEATED HOMES.
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#NO 222 AIR INFILTRATION IN THE U.K. AND ITS IMPACT ON THE THERMAL ENVIRONMENT.
ETHERIDGE, D.W. NEVRALA, D.J.
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#NO 225 AN OPTICAL TECHNIQUE FOR MEASURING OF VENTILATION RATES IN MODELS.
ETHERIDGE D.W. NOLAN J.A.
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#NO 226 A PRELIMINARY APPRAISAL OF WIND LOADING CONCEPTS OF THE 1970 CANADIAN NATIONAL BUILDING CODE.
DAVENPORT, A.G. DALGLIESH, W.A.
PROCEEDINGS, 3RD INTERNATIONAL CONFERENCE ON WIND EFFECTS ON BUILDINGS AND STRUCTURES. TOKYO, 6-11 SEPTEMBER 1971 PART 3, P441-450. = NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BUILDING RESEARCH TECHNICAL PAPER NO. 405 #DATE 06:09:1971 IN ENGLISH AIC 61

#NO 227 A LOW-COST METHOD FOR MEASURING AIR INFILTRATION RATES IN A LARGE SAMPLE OF DWELLINGS.
GROT, R.A.
NATIONAL BUREAU OF STANDARDS REPORT NO. NBSIR 79-1728 10P 1 TABS, 7 REFS. #DATE 01:04:1979 IN ENGLISH AIC 19

#NO 228 COMPARISON OF MODEL/FULL-SCALE WIND PRESSURES ON A HIGH-RISE BUILDING.
DALGLIESH, W.A.
JNL. IND. AERODYNAMICS. VOL 1. NO 1. P55-66 13 FIGS, 9 REFS. #DATE 01:06:1979 IN ENGLISH BSRIA J.

#NO 229 WIND PRESSURE AND STRAIN MEASUREMENTS AT THE POST OFFICE TOWER.
NEWBERRY C.W. EATON K.J. MAYNE J.R.
BUILDING RESEARCH ESTABLISHMENT CURRENT PAPER 30/73 39 FIGS. 18 REFS. #DATE 01:11:1973 IN ENGLISH AIC 81

#NO 230 THE REPEATABILITY AND REPRODUCEABILITY OF TEST RESULTS ON WINDOWS AND WALL SPAN ELEMENTS AND THE EXPECTED RESULTS.
CARRUTHERS J.F.S. NEWMAN C.J.
BUILDING RESEARCH ESTABLISHMENT CURRENT PAPER 49/77= PROC. PAUL ROUSSEAU SYMPOSIUM ON THE TESTING OF WALL ELEMENTS AND WINDOWS. VILVORDE NEAR BRUSSELS, BELGIUM 3 OCTOBER 1977. #DATE 03:10:1977 IN ENGLISH AIC 82

#NO 231 STRAIN MEASUREMENTS AT THE G.P.O. TOWER, LONDON.
EATON K,J, MAYNE J,R,
BUILDING RESEARCH STATION CURRENT PAPER 29/71.= STRAIN VOL 7 NO.3 JULY 1971 P.103-109 #DATE 01:07:1971 IN ENGLISH

#NO 232 THE IONIZING RADIATION IN DWELLINGS RELATED TO THE BUILDING MATERIALS.
SWEDJEMARK, G.A.

NATIONAL INSTITUTE OF RADIATION PROTECTION, STOCKHOLM SS1:1977-004 #DATE 01:01:1977 IN ENGLISH AIC 55

#NO 233 VENTILATION REQUIREMENTS
BUILDING RESEARCH ESTABLISHMENT
B.R.E. DIGEST NO 206, 8P. ISBN 0-11-724118-0 4 FIGS, 3 TABS, 5 REFS. #DATE 01:01:1977 IN ENGLISH. BSRIA SP.

#NO 234 PRINCIPLES OF NATURAL VENTILATION
BUILDING RESEARCH ESTABLISHMENT.
B.R.E. DIGEST NO.210 8P 5 FIGS, 7 TABS, 6 REFS. ISBN 0-11-724122-9 #DATE 01:02:1978 IN ENGLISH. BSRIA SP.

#NO 235 CAVITY BARRIERS AND VENTILATION IN FLAT AND LOW-PITCHED ROOFS.
BUILDING RESEARCH ESTABLISHMENT
B.R.E. DIGEST NO.218 4P. 2 FIGS. ISBN 0-11-724146-6 #DATE 01:01:1978 IN ENGLISH BSRIA SP.

#NO 236 MOVERS AND STAYERS : THE RESIDENT'S CONTRIBUTION TO VARIATION ACROSS HOUSES IN ENERGY CONSUMPTION FOR SPACE HEATING
SONDEREGGER R.C.
ENERGY BLDGS. VOL.1 NO.3 P.313-324, 4 FIGS. 4 TABS. 4 REFS. #DATE 01:05:1978 IN ENGLISH BSRIA J.

#NO 237 AIR TIGHTNESS OF WHOLE BUILDINGS
KRONVALL, J
LUND INSTITUTE OF TECHNOLOGY, DIVISION OF BUILDING TECHNOLOGY 4P. 4 FIGS. #DATE 29:03:1976 IN ENGLISH AIC 85

#NO 238 A CRITICAL APPRAISAL OF PREVIOUS STUDIES OF NATURAL VENTILATION
BILSBORROW, R.E.
UNIVERSITY OF SHEFFIELD, DEPARTMENT OF BUILDING SCIENCE REPORT BS4. 47P 9 FIGS. 29 REFS. #DATE 01:11:1972 IN ENGLISH AIC 88

#NO 239 DIGITAL ANALOGUE FOR NATURAL VENTILATION CALCULATIONS.
BILSBORROW, R.E.
UNIVERSITY OF SHEFFIELD, DEPARTMENT OF BUILDING SCIENCE, REPORT BS6, 28P. 4 FIGS #DATE 01:04:1973 IN ENGLISH AIC 87

#NO 240 A COMPARISON OF COMPUTED INFILTRATION RATES WITH RESULTS OBTAINED FROM A SET OF FULL-SCALE MEASUREMENTS.
BILSBORROW, R.E.
UNIVERSITY OF SHEFFIELD, DEPARTMENT OF BUILDING SCIENCE, REPORT BS2 29P. 5 FIGS. 7 REFS, #DATE 01:11:1972 IN ENGLISH AIC 89.

#NO 241 THE EFFECT OF BUILDING GROUPING ON WIND INDUCED NATURAL VENTILATION.
SOLIMAN, B.F.
UNIVERSITY OF SHEFFIELD, DEPARTMENT OF BUILDING SCIENCE REPORT BS14 30P. 15

FIGS 21 REFS. #DATE 01:12:1973 IN ENGLISH AIC 86.

#NO 242 VENTILATION REQUIREMENTS IN ROOMS OCCUPIED BY "SMOKERS: A REVIEW.
BRUNDRETT, G.W.
ELECTRICITY COUNCIL RESEARCH CENTRE, CHESTER REPORT ECRC/M870 56P 10 FIGS, 102 REFS. #DATE 01:12:1975 IN ENGLISH BSRIA SP

#NO 243 WIND AND HIGH BUILDINGS
WIND EN HOGE GEBOUWEN
RIJKOORT P.J.
INGENIEUR VOL.82 NO.31 P.93 - 101. #DATE 31:07:1970 IN DUTCH AIC 90

#NO 244 HERMETIC SEALING : MEASUREMENTS AND METHODS OF MEASUREMENT.
LUFTTATHET - MATNINGAR OCH MATMETODER.
KRONVALL J.
BYGGMASTAREN NO.11 1978 P.24 - 26. #DATE 01:11:1978 IN SWEDISH AIC 93

#NO 245 HOW TO MAKE HOUSE AIR TIGHT.
HUR TATA HUS?
LINDSKOUG, N-E, LINDH, A
BYGGMASTAREN NO.4. 1976 P24-26 3 FIGS, 2 TABS 12 REFS. #DATE 01:04:1976 IN SWEDISH AIC 94

#NO 246 DRAUGHT OR VENTILATION?
TJVYDRAG ELLER VENTILATION?
NYLUND P-O.
BYGGMASTAREN NO.7-8 P.4,5,32, 2 FIGS. #DATE 01:07:1977 IN SWEDISH AIC 95

#NO 247 SULPHUR HEXAFLUORIDE AS A GAS-AIR TRACER.
TURK, A EDMONDS, S.J. MARK, H.L., COLLINS, G.F.
ENV. SCI. TECH. VOL 2 NO1.P 44-48 #DATE 01:01:1968 IN ENGLISH AIC 96.

#NO 248 VENTILATION AND AIR INFILTRATION IN BUILDINGS.
COWAN, 1
BUILDING PROGRESS VOL 5. NO.5 P 1,2,4 #DATE 01:09:1978 IN ENGLISH AIC 100

#NO 249 CONDENSATION RISK AND IMPROVED THERMAL PERFORMANCE OF HOUSING.
MINOGUE, P.J.
2ND INTERNATIONAL C.I.B SYMPOSIUM ON ENERGY CONSERVATION IN THE BUILT ENVIRONMENT, COPENHAGEN, MAY 28-JUNE 1, 1979. PREPRINTS-SESSION 2, P 281-293 2 TABS, 12 REFS. #DATE 28:05:1979 IN ENGLISH. BSRIA BK.

#NO 250 VENTILATION WITH OPEN WINDOWS
DICKSON, D.J.
2ND. INTERNATION CIB SYMPOSIUM ON ENERGY CONSERVATION IN THE BUILT ENVIRONMENT, COPENHAGEN, MAY 28-JUNE 1, 1979. PREPRINTS-SESSION 2 P121-130 6 FIGS 3 REFS. #DATE 29:05:1979, IN ENGLISH. BSRIA BK.

#NO 251 EFFECT OF FLUCTUATING WIND PRESSURES ON NATURAL VENTILATION.
POTTER, I.N.
ASHRAE TRANS. VOL 85 NO 2 P445-457 8 FIGS, 3 REFS. #DATE 01:06:1979 IN ENGLISH AIC 9

#NO 252 METHOD FOR CALCULATING AIR EXCHANGE IN DOMESTIC ROOMS.
BERAKHA, R. YA.
GIG. SANIT. VOL 2 P61-64= BRITISH GAS CORPORATION TRANSLATION NO. T 5093. #DATE 01:01:1979 IN ENGLISH, RUSSIAN BSRIA SP.

#NO 253 WEATHER STRIPS
TETTELISTER
DALAKER, M
NORWEGIAN BUILDING RESEARCH INSTITUTE, REPORT NO. 40. 53P.= BUILDING RESEARCH STATION. LIBRARY COMMUNICATION NO. 1412. 37P. 60 FIGS. #DATE 01:01:1964 IN ENGLISH, NORWEGIAN BSRIA SP.

#NO 254 RETROFITTING : PLAN ACTION AND EARLY RESULTS USING THE TOWNHOUSES AT TWIN RIVERS
HARRJE, D.T.
PRINCETON UNIVERSITY, CENTER FOR ENVIRONMENTAL STUDIES REPORT NO. 29 #DATE 01:06:1976 IN ENGLISH AIC 49.

#NO 255 CALCULATION OF INFILTRATION AND TRANSMISSION HEAT LOSS IN RESIDENTIAL BUILDINGS BY COMPUTER.
GABRIELSSON, J. PORRA, P.
JNL. INST. HEAT. VENT. ENGRS. 35 P 357-368 12 FIGS, 2 TABS, 3 REFS. #DATE 01:03:1968 IN ENGLISH BSRIA J.

#NO 256 RAIN AND AIR LEAKAGE AT JOINTS
GARDEN, G.K.
INDUSTRIALIZATION FORUM, VOL 2. NO4 P7-12 4 FIGS. #DATE 01:07:1971 IN ENGLISH AIC 105

#NO 257 AIR INFILTRATION MODEL FOR RESIDENCES.
REEVES G. MCBRIDE M.F. SEPSEY C.F.
ASHRAE TRANS. VOL.85 NO.1 P.667-677, 8 FIGS. 3 TABS. 19 REFS. #DATE 01:01:1979 IN ENGLISH BSRIA J.

#NO 258 INFLUENCE OF THE TYPE OF VENTILATING SYSTEM ON THE LOSS OF VENTILATING HEAT
EINFLUSS DER LUFTUNGSFORM AUF DIE LUFTUNGSWARMEVERLUSTE VON GEBAUDEN.
HAUSER G.
HEIZ. LUFT. HAUSTECH. VOL.30 NO.7 P.263-266 6 FIGS, 9 REFS. #DATE 01:07:1979 IN GERMAN BSRIA J.

#NO 259 DOES A GRILL HELP ?
HELPT EEN ROOSTER ?

KLIMATBEHEERSING VOL.8 NO.6 296 - 297, 6 FIGS. #DATE 01:06:1979 IN DUTCH

#NO 260 INFILTRATION - PRESSURIZATION CORRELATIONS: DETAILED MEASUREMENTS ON A CALIFORNIA HOUSE.
GRIMSRUD D.T. SHERMAN M.H. DIAMOND R.C. ET. AL.
ASHRAE TRANS. VOL.85 NO.1 P.851-865, 7 FIGS, 1 TAB, 5 REFS, #DATE 01:01:1979 IN ENGLISH

#NO 261 VENTILATION : THE HUMAN FACTORS
BRUNDRETT, G.W.
PROCEEDINGS OF ASTON UNIVERSITY/ELECTRICIY COUNCIL RESEARCH ESTABLISHMENT CONFERENCE ON CONTROLLED VENTILATION ; HELD AT UNIVERSITY OF ASTON, 24 SEPTEMBER 1975, 8P, 8 FIGS, 3 TABS, 21 REFS. #DATE 24:09:1975 IN ENGLISH. AIC

#NO 262 NATURAL INFILTRATION ROUTES AND THEIR MAGNITUDE IN HOUSES-PART 1.
WARREN, P.R.
PROCEEDINGS OF ASTON UNIVERSITY/ELECTRICITY COUNCIL RESEARCH ESTABLISHMENT CONFERENCE ON CONTROLLED VENTILATION;HELD AT UNIVERSITY OF ASTON:24 SEPTEMBER 1975 8P 8 FIGS, 3 TABS, 21 REFS, #DATE 24:09:1975 IN ENGLISH. AIC

#NO 263 NATURAL INFILTRATION ROUTES AND THEIR MAGNITUDE IN HOUSES PART 2.
SKINNER, N.P.
PROCEEDINGS OF ASTON UNIVERSITY/ELECTRICITY COUNCIL RESEARCH ESTABLISHMENT CONFERENCE ON CONTROLLED VENTILATION;HELD AT UNIVERSITY OF ASTON; 24 SEPTEMBER 1975 5P. 5 FIGS, #DATE 24:09:1975 IN ENGLISH. AIC

#NO 264 INSTRUMENTING ENERGY AUDITS.
HARRJE D.T. GROT J.B.
PRINCETON UNIVERSITY, CENTER FOR ENVIRONMENTAL STUDIES REPORT PU/CEES 91.
#DATE 01:07:1979 IN ENGLISH AIC 44

#NO 265 WIND REDUCTION BY A HIGHLY PERMEABLE TREE SHELTERBELT.
MILLER, D.R. ROSENBERG, N.J. BAGLEY, W.T.
AGRIC. METEOROL. VOL 14. P321-333 5 FIGS. 1 TABS 15 REFS. #DATE 01:01:1975 IN ENGLISH AIC 98

#NO 266 THE EFFECTIVENESS OF AN EVERGREEN WINDBREAK FOR REDUCING RESIDENTIAL ENERGY CONSUMPTION.
MATTINGLY, G.E. HARRJE, D.T. HEISLER, G.M.
ASHRAE TRANS. VOL 85 PART 2, P428-444 13 FIGS, 15 REFS. #DATE 01:06:1979 IN ENGLISH AIC 8

#NO 267 THE VARIATION OF INFILTRATION RATE WITH RELATIVE HUMIDITY IN A FRAME BUILDING
LUCK, J.R. NELSON, L.W.
ASHRAE TRANS. VOL 83 NO 1 P718-722 1 TAB, 8 FIGS, 9 REFS. #DATE 15:02:1977 IN ENGLISH. BSRIA J.

#NO 268 RADIOACTIVITY (RADON AND DAUGHTER PRODUCTS) AS A POTENTIAL FACTOR IN BUILDING VENTILATION.
KUSUDA, T HUNT, C.M. MCNALL, P.E.
ASHRAE JNL. VOL21 NO7. P30-34 3 TABS, 21 REFS. #DATE 01:07:1979 IN ENGLISH AIC 110

#NO 269 THE CALCULATION OF AIR INFILTRATION RATES CAUSED BY WIND AND STACK ACTION FOR TALL BUILDINGS.
SHAW, C.Y TAMURA, G.T.
ASHRAE TRANS. VOL 83. NO 2 P145-158 9 FIGS 7 REFS. #DATE 26:06:1977 IN ENGLISH.BSRIA J.

#NO 270 FIELD TESTS OF THERMAL INSULATION AND AIRTIGHTNESS OF BUILDINGS
FALTPROVNING AV BYGGNADERS VARMEISOLERING OCH LUFTTATHET
PETTERSSON, B.
NATIONAL SWEDISH AUTHORITY FOR TESTING INSPECTION AND METROLOGY 1978. SP-RAPP 1978: 11. 105PP. #DATE 01:01:1978 IN SWEDISH BSRIA SP.

#NO 271 WHY AIRTIGHT HOUSES?
VARFOR TATA HUS?
NYLUND, P.O.
VVS (TIDSKRIFT) NOVEMBER 1979, 50, (11), 56-58, 4 FIGS. #DATE 01:11:1979 IN SWEDISH BSRIA J.

#NO 272 VENTILATION MEASUREMENT USING GAS-CHROMATOGRAPHIC ANALYSIS OF SULPHUR HEXAFLUORIDE.
VENTILATIONSMATNING MED GASKROMATOGRAFISK ANALYS AV SVAVELHEXAFLUORID.
KRISTENSSON.J.
VVS (TIDSKRIFT) NOVEMBER 1979, 50, (11), 51-53, 2 FIGS, 3 REFS. #DATE 01:11:1979 IN SWEDISH BSRIA J.

#NO 273 RADON AND VENTILATION
RADON OCH VENTILATION
WALLIN, O.
VARME O SANIT TEK. MAY 1979, 43, (5), 8-10, 2 FIGS, 7 REFS. #DATE 01:05:1979 IN SWEDISH

#NO 274 LIFESTYLES AND ENERGY SAVINGS IN VILLA-80 PROJECT, UMEA.
BOENDEVANOR OCH ENERGISPARANDE I VOLLA 80-PROJEKET I UMEA.
VVS (TIDSKRIFT) DECEMBER 1979, 50, (12), 31-34 & 38, 5 FIGS. #DATE 01:12:1979 IN SWEDISH BSRIA J.

#NO 275 HEAT LOSSES CAUSED BY OPENING EXTERNAL DOORS
VARMELACKAGE VID OPPNANDE AV YTTERDORRAR
JOHANNESSON, C. M.
ROYAL INSTITUTE OF TECHNOLOGY, STOCKHOLM 1979, 38PP. #DATE 01:01:1979 IN SWEDISH BSRIA SP.

#NO 276 WIND TUNNEL TESTS ON SCALE MODEL BUILDINGS AS A MEANS FOR STUDYING

VENTILATION AND ALLIED PROBLEMS.
WANNENBURG, J.J. VAN STRAATEN, J.F
JNL. INST. HEAT. VENT. ENGRS. VOL 24 P477-492, 16 FIGS, 11 REFS. #DATE 01:03:1957 IN ENGLISH. BSRIA J.

#NO 277 THE USE OF THERMOGRAPHY IN THE BUILDING INDUSTRY.
BICHARD, S. H.
HEAT. VENT. ENGR. NOVEMBER 1979, 53, (622), 6-10, 9 FIGS. #DATE 01:11:1979 IN ENGLISH BSRIA J.

#NO 278 CALCULATION OF THERMAL LOADS IMPOSED ON RESIDENTIAL BUILDINGS.
LE CALCUL DES CHARGES THERMIQUES APPLIQUEES AUX IMMEUBLES DE LOGEMENTS
REV. GEN. THERM. NOVEMBER 1979, 18, (215), 695-704, 3 FIGS, 28 REFS. #DATE 01:11:1979 IN FRENCH BSRIA J.

#NO 279 CALCULATION OF GAS AND PARTICLE CONCENTRATIONS IN VENTILATED ROOMS WITH A NON-STEADY RATE OF AIR POLLUTION.
BERECHNUNG VON GAS- UND PARTIKELKONZENTRATIONEN IN BELUFTETEN RAUMEN BEI INSTATIONAREM SCHADSTOFFANFALL.
STRINDEHAG O.
HEIZ. LUFT. HAUSTECH. VOL.30 NO.5 P.178-182, 5 FIGS, 4 REFS. #DATE 01:05:1979 IN GERMAN BSRIA J.

#NO 280 VENTILATION REQUIREMENTS IN HOUSES AND FLATS.
VENTILATIONSKRAV I EN-OCH FLERFAMILYSHUS.
ERIKSON, B.E. LOFSTEDT, B. SWEDJEMARK, G.A. HAKANSSON, B.
NATIONAL SWEDISH INSTITUTE FOR BUILDING RESEARCH, BULLETIN 17; 195P #DATE 01:01:1976 IN SWEDISH. BSRIA BK.

#NO 281 INFRARED THERMOGRAPHY APPLIED ON TESTING OF BUILDINGS.
PALJAK,I.
PROCEEDINGS 5TH INTERNATIONAL CONGRESS FOR HEATING, VENTILATION AND AIR-CONDITIONING, COPENHAGEN 17-19 MAY 1971. HEATING AND HOT WATER SUPPLY, PAPER 1. P1-13. #DATE 17:05:1971 IN ENGLISH. BSRIA BK.

#NO 282 EXPERIMENTAL STUDY ON AIR AND WATER TIGHTNESS OF METAL WINDOW SASHES.
SHODA, T, TERASAWA, T. KATAYAMA,T
PROCEEDINGS 5TH INTERNATIONAL CONGRESS FOR HEATING, VENTILATING AND AIR-CONDITIONING, COPENHAGEN, 17-19 MAY 1971, HEATING PROBLEMS IN RELATION TO WINDOWS P27-35 7 FIGS, 3 TABS, 3 REFS. #DATE 17:05:1971 IN ENGLISH. BSRIA BK.

#NO 283 HALOGENATED COMPOUNDS AS GASEOUS METEOROLOGICAL TRACERS.
SALTZMAN, B.E. COLEMAN, A.I. CLEMONS, C.A.
ANALYTICAL CHEMISTRY, VOL48, NO 6 P 753-758. 3 FIGS, 3 TABS, 18 REFS. #DATE 01:05:1966 IN ENGLISH. AIC 104

#NO 284 AN AUTOMATED AIR INFILTRATION MEASURING SYSTEM USING SF6 TRACER GAS IN CONSTANT CONCENTRATION AND DECAY METHODS

KUMAR, R. IRESON, A.D. ORR. H.W.
ASHRAE TRANS. VOL 85 PART2 P385-395 9 FIGS, 5 REFS. ,#DATE 01:06:1979 IN ENGLISH AIC 57.

#NO 285 AIR INFILTRATION THROUGH GAPS AROUND WINDOWS
THOMAS, D.A. DICK, J.B.
JNL. INST. HEAT. VENT. ENGRS. VOL 21 P85-97 6 FIGS 6 REFS. #DATE 01:06:1953 IN ENGLISH. AIC 199

#NO 286 AIR LEAKAGE THROUGH THE OPENINGS IN BUILDINGS.
HOUGHTEN, F.C. SCHRADER, C.C.
ASHVE TRANS VOL 30. P105-120 11FIGS 2 TABS #DATE 01:01:1924 IN ENGLISH. BSRIA J.

#NO 287 AIR LEAKAGE AROUND WINDOW OPENINGS.
SCHRADER, C.C.
ASHVE TRANS. VOL 30 P313-322. #DATE 01:06:1924 IN ENGLISH. BSRIA J.

#NO 288 ANALYSIS OF INFILTRATION BY TRACER GAS TECHNIQUE, PRESSURIZATION TESTS AND INFRARED SCANS.
STEWART, M.B. JACOB, T.R. WINSTON, J.G.
PROCEEDINGS ASHRAE/DOE CONFERENCE "THERMAL PERFORMANCE OF THE EXTERIOR ENVELOPES OF BUILDINGS" FLORIDA DECEMBER 3-5TH 1979 10 FIGS, 3 TABS, 3 REFS. #DATE 03:12:1979 IN ENGLISH AIC 72

#NO 289 WINDPROOFING IN MULTI-LAYER WALLS.
VINDTATHET HOS FLERSKIKTSVAGGAR
NYLAND P-O.
BYGGMASTAREN 1966 NO 11. P375-381 7 FIGS 5 REFS. #DATE 01:11:1966 IN SWEDISH. AIC 107

#NO 290 STYLE AND VINTAGE AS DETERMINANTS OF ENERGY-COSTLY FAULTS IN U.S. RESIDENTIAL HOUSING.
SOCOLOW, R.H. ET. AL.
PROCEEDINGS 2ND INTERNATIONAL C.I.B. SYMPOSIUM ON ENERGY CONSERVATION IN THE BUILT ENVIRONMENT, COPENHAGEN MAY 28-JUNE 1 1979, PREPRINTS SESSION 1 P73-80. #DATE 29:05:1979, IN ENGLISH.BSRIA BK.

#NO 291 AIR LEAKAGE THROUGH JOINTS
LUFTLACKAGE GENOM FOGAR.
HOLMQUIST, L. VICTORIN, G.
BYGGMASTAREN 1973 NO 9 P13-14 4 FIGS. 1 TAB. #DATE 01:09:1973 IN SWEDISH AIC 109.

#NO 292 AUTOMATED AIR INFILTRATION MEASUREMENTS AND IMPLICATIONS FOR ENERGY CONSERVATION
HARRJE, D.T. GROT, R.A.
PROCEEDINGS INTERNATIONAL CONFERENCE ON ENERGY USE MANAGEMENT, TUCSON. A2. OCTOBER 1977 PUBLISHED PERGAMON, NEW YORK P457-464. #DATE 01:10:1977 IN

ENGLISH AIC 70.

#NO 293 LOCATING AND ELIMINATING OBSCURE BUT MAJOR ENERGY LOSSES IN RESIDENTIAL HOUSING.
HARRJE. D.T. DUTT, G.S. BEYEA, J.E.
ASHRAE TRANS VOL 85 PART 2 P521-534, 5 FIGS, 42 REFS. #DATE 01:06:1979 IN ENGLISH AIC 11

#NO 294 INSTRUMENTATION AND ANALYSIS OF FULL-SCALE WIND PRESSURE MEASUREMENTS,
EATON, K.J. MAYNE, J.R.
BUILDING RESEARCH STATION CP 1/69. 10 FIGS 5 REFS. #DATE 01:02:1969 IN ENGLISH. BSRIA SP.

#NO 295 RESEARCH REVIEW-NORTH AND SOUTH AMERICA (WIND EFFECTS ON TALL BUILDINGS).
DALGLIESH, W.A. MARSHALL, R.D.
NATIONAL RESEARCH COUNCIL OF CANADA, D.B.R. TECHNICAL PAPER NO 401 = PROCEEDINGS INTERNATIONAL CONFERERENCE ON THE PLANNING AND DESIGN OF TALL BUILDINGS, ASCE-IABSE / AUGUST 1972/LEHIGH UNIVERSITY P383-398 4 FIGS, 47 REFS. #DATE 01:08:1972 IN ENGLISH AIC 43.

#NO 296 A METHOD FOR CATEGORIZING SHELTERBELT POROSITY
BEAN. A. ALPERI, R.W. FEDERER, C.A.
AGRICULTURAL METEOROLOGY. VOL 14, NO 3. P417-429, 6 FIGS, 2 TABS, 9 REFS. #DATE 01:04:1975 IN ENGLISH. AIC 114

#NO 297 INFILTRATION-PRESSURIZATION CORRELATIONS:SURFACE PRESSURES AND TERRAIN EFFECTS.
SHERMAN, M.H. GRIMSRUD, D.T, DIAMOND, R.C.
ASHRAE TRANS. VOL85 PART 2 P458-483, 3 FIGS, 2 TABS, 8 REFS. #DATE 01:06:1979 IN ENGLISH AIC 17

#NO 298 AIR INFILTRATION REDUCTION THROUGH RETROFITTING.
HARRJE. DT. MILLS. T.A.
ASTM SPECIAL PUBLICATION ON AIR INFILTRATION 8 FIGS. 4 TABS, 15 REFS. #DATE 01:03:1978 IN ENGLISH AIC 21

#NO 299 AIR LEAKAGE DATA FOR THE DESIGN OF ELEVATOR AND STAIR SHAFT PRESSURIZATION SYSTEM
TAMURA. G.T. SHAW.C.Y
ASHRAE TRANS VOL 82 PART 2 P179-190 8 FIGS, 3 TABS, 8 REFS.= D.B.R. PAPER NO 717 #DATE 01:06:1976 IN ENGLISH AIC 35

#NO 300 CONDENSATION IN ATTICS : ARE VAPOR BARRIERS REALLY THE ANSWER ?.
DUTT, G.S.
PRINCETON UNIVERSITY, CENTER FOR ENERGY AND ENVIRONMENTAL STUDIES #DATE 01:05:1979 IN ENGLISH. AIC 65.
= ENERGY AND BUILDINGS VOL.2 NO.4 DEC 1979 P251-258.

#NO 301 SHELTERBELT INFLUENCES II, THE VALUE OF SHELTERBELTS IN HOUSE HEATING.
BATES, C.G.
JNL. OF, FORESTRY VOL 43. NO3 P176-196, 4 FIGS. 6 TABS. #DATE 01:03:1945 IN ENGLISH. AIC 115

#NO 302 WIND TUNNEL TEST ON RECTANGULAR BUILDINGS WITH FLAT ROOFS AND GABLE ROOFS.
WINDKANALUNTERSUCHUNGEN AN GEBAUDEN VON RECHTECKIGEN GRUNDRISS MIT FLACK-UND SATTELDACHERN.
LUSCH, G. TRUCKENBRODT, E.
BERICHTE AUS DER BAUFORSCHUNG. VOL 41 P25-69. 61 FIGS 4 REFS.= H.V.R.A. TRANSLATION NO.224. #DATE 01:01:1964 IN GERMAN, ENGLISH AIC 116.

#NO 303 CALCULATION OF AIR EXCHANGE IN MULTI-STOREY BUILDINGS USING ELECTRONIC COMPUTERS.
SVETLOV, K.S.
VODOS. I. SANIT. TEK. VOL11 P28-31 2 FIGS. 2 TABS, 5 REFS.= H.V.R.A. TRANSLATION NO.122. #DATE 01:11:1966 IN RUSSIAN, ENGLISH.

#NO 304 ENGINEERING CONCEPT AND DESIGN OF CONTROLLING INFILTRATION AND TRAFFIC THROUGH ENTRANCES IN TALL COMMERCIAL BUILDINGS.
MIN. T.C.
PROCEEDINGS. INTERNATIONAL HEVAC CONFERENCE ON HEATING, VENTILATION AND AIR CONDITIONING, LONDON SEPT 27-OCT 4 1961 P126-135 8 FIGS. 9 REFS. #DATE 29:09:1961 IN ENGLISH. BSRIA BK.

#NO 305 WIND AND TEMPERATURE INDUCED PRESSURE DIFFERENTIALS AND AN EQUIVALENT PRESSURE DIFFERENCE MODEL FOR PREDICTING AIR INFILTRATION IN SCHOOLS.
SHAW, C.Y
ASHRAE TRANS. VOL.86. NO.1 9 FIGS. 5 REFS. #DATE 01:01:1980 IN ENGLISH AIC 1C

#NO 306 NATURAL VENTILATION.
OFRIVILLIG VENTILATION.
ANDERSSON, L.J.E.
SWEDISH COUNCIL FOR BUILDING RESEARCH, REPORT R99 131P. #DATE 01:01:1978 IN SWEDISH BSRIA SP.

#NO 307 COMPARATIVE MEASUREMENTS OF WIND PRESSURE ON A MODEL OF THE FULL-SCALE EXPERIMENTAL HOUSE AT AYLESBURY, ENGLAND.
APPERLEY. L. SURRY. D, STATHOPOULOS T, DAVENPORT, A.G.
JNL. OF. IND. AERODYNAMICS. VOL 4 NOS 3+4 P207-228 12FIGS, 19 REFS. #DATE 01:08:1979 IN ENGLISH AIC 147

#NO 308 THE INFLUENCE OF INTERNAL HEAT SOURCES ON THE AIR FLOW RATE AND VENTILATION HEAT LOSSES IN MULTI-STOREY FLATS.
DER EINFLUSS VON INNEREN WARMEQUELLEN AUF DEN LUFTDURCHSATZ UND DEN

LUFTUNGSWARMEBEDARF MEHREGESCHOSSIGER WOHNBAUTEN.
RICHTER W.
ST. GEBAUD. VOL.28 NO.12 P.365-368 & 375-376, 10 FIGS, 7 REFS. #DATE 01:02:1974 IN GERMAN BSRIA J.

#NO 309 AIR CURTAINS FOR BUILDING ENTRANCES.
ADAM W.
VERWARM. VENT. VOL.35 NO.4 P.321-325, 328-329, 16 FIGS, 18 REFS.= INDOOR CLIMATE SYSTEMS AND INSTALLATIONS, 7TH TNO/TVVL SEMINOR 1977 P17-27 #DATE 01:04:1978 IN ENGLISH

#NO 310 A WIND-PRESSURE TRANSDUCER.
MAYNE J.R.
JNL. OF. PHYSICS E.:SCIENTIFIC INSTRUMENTS VOL3. P248-250 5 FIGS= BUILDING RESEARCH STATION CURRENT PAPER 17/70 #DATE 01:03:1970 IN ENGLISH BSRIA SP.

#NO 311 METHODS FOR CONDUCTING SMALL-SCALE PRESSURIZATION TESTS,AND AIR LEAKAGE DATA OF MULTI-STOREY APARTMENT BUILDINGS
SHAW, C.Y.
ASHRAE TRANS. VOL86 PART 1. 11 FIGS, 1 TAB, 4 REFS. #DATE 01:01:1980 IN ENLGISH AIC 103

#NO 312 STUDIES OF THE PERFORMANCE OF WEATHERSTRIPS FOR WINDOWS AND DOORS.
FUNKTIONSSTUDIER AV TATNINGS LISTER FOR FONSTER OCH DORRAR
HOGLUND, I WANGGREN, B.
SWEDISH COUNCIL FOR BUILDING RESEARCH, STOCKHOLM;ENGLISH VERSION-D4:1980 ISBN 91-540-3167-2;SWEDISH VERSION-T7:1979 ISBN 91-540-2979-1 59P. #DATE 01:02:1979 IN ENGLISH, SWEDISH AIC 118

#NO 313 THE MEASUREMENT OF WIND PRESSURES ON TWO-STOREY HOUSES AT AYLESBURY.
EATON, K.J. MAYNE, J.R.
BUILDING RESEARCH ESTABLISHMENT CURRENT PAPER 70/74. 39P. 12 TABS, 29 FIGS, 10 REFS. #DATE 01:07:1974 IN ENGLISH AIC 119

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SHAH, M.M.
ASHRAE TRANS. VOL 86. PART 1. 2 REFS. #DATE 01:01:1980 IN ENGLISH AIC 102

#NO 315 MEASUREMENT OF INFILTRATION IN TWO RESIDENCES PART 1:TECHNIQUE AND MEASURED INFILTRATION.
BAHNFLETH, D.R. MOSELEY, T.D. HARRIS, W.S.
ASHAE TRANS. VOL 63 P439-452 7 FIGS, 6 TABS. 6 REFS. #DATE 01:06:1957 IN ENGLISH. BSRIA J.

#NO 316 MEASUREMENT OF INFILTRATION IN TWO RESIDENCES PART 11: COMPARISON OF VARIABLES AFFECTING INFILTRATION.
BAHNFLETH, D.R. MOSELEY, T.D. HARRIS, W.S.
ASHAE TRANS. VOL 63. P453-476, 17FIGS, 4 TABS 4 REFS. #DATE 01:06:1957 IN ENGLISH. BSRIA J.

#NO 317 DESIGN AND PERFORMANCE OF A PORTABLE INFILTRATION METER.
COBLENTZ, C.W. ACHENBACH, P.R.
ASHAE TRANS. VOL 63 P477-482, 3 FIGS. #DATE 01:06:1957 IN ENGLISH. BSRIA J.

#NO 318 WIND PROFILES OVER A SUBURBAN SITE AND WIND EFFECTS ON A HALF FULL-SCALE MODEL BUILDING.
TORRANCE, V.B.
BUILD. SCI. VOL 7. P1-12. 12FIGS, 16REFS. #DATE 01:03:1972 IN ENGLISH. . BSRIA J.

#NO 319 ADVENTITIOUS VENTILATION OF HOUSES.
HARRIS-BASS, J.KAVARANA, B.LAWRENCE, P.
BUILD. SERV. ENG. VOL.42 P106-111 #DATE 01:08:1974 IN ENGLISH. BSRIA J.

#NO 320 REDUCTION OF AIR INFILTRATION DUE TO WINDOW AND DOOR RETROFITS IN AN OLDER HOME.
HARRJE, D.T. BLOMSTERBERG, A. PERSILY, A.
PRINCETON UNIVERSITY, CENTER FOR ENERGY AND ENVIRONMENTAL STUDIES, REPORT PU/CEES 85;25P. 10 FIGS 2 TABS.10 REFS. #DATE 01:05:1979 IN ENGLISH AIC 64

#NO 321 ELECTRON ABSORPTION DETECTORS AND TECHNIQUE FOR USE IN QUANTITATIVE AND QUALITATIVE ANALYSIS BY GAS CHROMATOGRAPHY
LOVELOCK, J.E.
ANAL. CHEM. VOL35 NO.4 P474-481 9 FIGS, 2 TABS, 18 REFS. #DATE 01:04:1963 IN ENGLISH AIC 124

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TERMOGRAFERING AV BYGGNADER.
PALJAK. 1. PETTERSSON, B.
NATIONAL INSTITUTE FOR BUILDING RESEARCH, STOCKHOLM, 45P +55P OF THERMOGRAMS, #DATE 01:01:1972 IN SWEDISH, ENGLISH. BSRIA SP.

#NO 323 WIND LOADING OF A TALL BUILDING IN AN URBAN ENVIRONMENT:A COMPARISON OF FULL SCALE AND WIND TUNNEL TESTS.
NEWBERRY, C.W. EATON, K.J. MAYNE, J.R.
PROCEEDINGS, SYMPOSIUM ON WIND EFFECTS ON BUILDINGS AND STRUCTURES, LOUGHBOROUGH UNIVERSITY APRIL 2-4 1968. P3.2-3.15 7 FIGS, 3 TABS, 5 REFS. #DATE 03:04:1968 IN ENGLISH. BSRIA BK

#NO 324 WIND LOADS ON STRUCTURES.
DAVENPORT, A.G.
NATIONAL RESEARCH COUNCIL OF CANADA DIVISION OF BUILDING RESEARCH, TECH. PAPER 88:60P. 11 FIGS 270 REFS. #DATE 01:03:1960 IN ENGLISH BSRIA SP.

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DICK, J.B.
BUILDING RESEARCH STATION DIGEST NO.34. 6P. 6 FIGS. #DATE 01:09:1951 IN

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#NO 326 EXPERIMENTAL STUDIES IN NATURAL VENTILATION OF HOUSES.
DICK. J.B.
JNL. INST. HEAT. VENT. ENG. VOL 17 P420-466. 14FIGS, 15 REFS #DATE 01:12:1949 IN ENGLISH. AIC 231

#NO 327 INDOOR AIR POLLUTION DUE TO CHIPBOARD USED AS A CONSTRUCTION MATERIAL
ANDERSEN, 1B. LUNDQUIST, G.R. MOLHAVE, L.
ATMOS. ENVIRON. VOL 9. P1121-1127 4 FIGS 17 REFS. #DATE 01:06:1975 IN ENGLISH AIC 125

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KRONVALL, J
LAND INSTITUTE OF TECHNOLOGY, DIVISISION OF BUILDING TECHNOLOGY, REPORT 77 #DATE 20:01:1978 IN ENGLISH AIC 54

#NO 329 A REVIEW OF THE LITERATURE ON THE STRUCTURE OF WIND TURBULENCE, WITH SPECIAL REGARD TO ITS EFFECT ON BUILDINGS.
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#NO 330 HEALTH ASPECTS RELATED TO INDOOR AIR QUALITY.
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#NO 331 A TRACER GAS TECHNIQUE FOR THE MEASUREMENT OF AIRFLOW IN HEADINGS.
HIGGINS, J. SHUTTLEWORTH, S.E.H.
COLLIERY ENGNG. VOL 35. P483-487 4 FIGS, 4 REFS. #DATE 01:11:1958 IN ENGLISH BSRIA P.

#NO 332 PREDICTING NATURAL VENTILATION FORCES UPON LOW-RISE BUILDINGS.
LEE, B.E. HUSSAIN, M. SOLIMAN, B.
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#NO 333 RESIDENTIAL ENERGY REQUIREMENTS AND OPPORTUNITIES FOR ENERGY CONSERVATION.
JONES, J.W. HENDRIX, B.J.
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#NO 334 IMPROVEMENT OF SEASONAL EFFICIENCY OF RESIDENTIAL HEATING SYSTEMS.
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JNL. ENGNG POWER (TRANS. A.S.M.E. (A)) VOL 99 P329-334 6 FIGS 8 REFS. #DATE 01:07:1977 IN ENGLISH. BSRIA J.

#NO 335 EFFECT OF VELOCITY DISTRIBUTION ON WIND LOADS ON WALLS AND LOW BUILDINGS.
HAMILTON, G.F.
UNIVERSITY OF TORONTO, DEP. OF. MECHANICAL ENGINEERING, TECHNICAL PUBLICATION 6205 10P. 46 FIGS 5 FIGS. #DATE 01:11:1962 IN ENGLISH. BSRIA P.

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KENT, A.D.
NATIONAL RESEARCH COUNCIL CANADA, DIVISION OF BUILDING RESEARCH, DIGEST 207. #DATE 01:01:1979 IN ENGLISH. BSRIA SP.

#NO 337 PRESSURIZATION, CONVECTION, AND AIR FLOW INSIDE BUILDINGS.
KUREK, E.J.
ASHRAE JNL. VOL 7. NO.5. P65-69,9 FIGS. #DATE 01:05:1965 IN ENGLISH. BSRIA J.

#NO 338 AN ALGORITHM FOR INFILTRATION RATE CALCULATION.
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BYGGMASTAREN NO 12. P26-32, 14 FIGS, 2 TABS, 3 REFS. #DATE 01:12:1970 IN SWEDISH. AIC 127.

#NO 341 ENERGY MANAGEMENT AND VENTILATION.
ADAMSON, B.
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#NO 342 VENTILATION AND THE DRAUGHT-PROOFING OF WINDOWS IN OLD BLOCKS OF FLATS.
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#NO 344 WINDOW AIR LEAKAGE.
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WARNER, C.G.
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#NO 347 A FORTRAN IV PROGRAM TO SIMULATE AIR MOVEMENT IN MULTI-STOREY BUILDINGS.
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PEDERSEN C.F.
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#NO 354 AIR INFILTRATION IN BUILDINGS DUE TO WIND PRESSURES INCLUDING SOME NEIGHBOURING BODY EFFECTS.
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#NO 355 SOME METHODS OF MEASURING VENTILATION
LIDWELL, O.M. LOVELOCK, J.F
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#NO 356 A STUDY OF INDOOR AIR QUALITY.
WADE W.A. COTE W.A. YOCOM J.E.
JNL. AIR. POLL. CONT. ASSOC. VOL. 25 NO 9. P933-939 7 FIGS, 3 REFS. #DATE 01:01:1975 IN ENGLISH AIC 140

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JNL. AIR. POLL. CONT. ASSOC. VOL15 NO3. P109-112 3 FIGS 1 TAB 2 REFS. #DATE 01:03:1963 IN ENGLISH AIC 139

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#NO 361 STACK EFFECT AND BUILDING DESIGN.

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PHD. THESIS, UNIVERSITY OF SHEFFIELD, DEPT. OF BUILDING SCIENCE, 287P,70 REFS, 118 FIGS, #DATE 01:10:1976 IN ENGLISH

#NO 364 REVIEW OF INVESTIGATIONS INTO WIND FORCES ON BUILDINGS.
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#NO 370 METHOD FOR MEASURING THE AIR-FLOW IN BUILDINGS.
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V.V.S. STOCKHOLM VOL43, NO7, P48-53 8 FIGS 4 TABS
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#NO 373 WIND LOADS ON GENERALLY SHAPED HOUSE BODIES- MODEL TESTS
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HELLERS, B.G. LUNDGREN, S.
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#NO 378 WINDOW TO WALL JOINTS

HERBERT M.R.M.
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#DATE 01:10:1974 IN ENGLISH AIC 122

#NO 380 NEW WAYS WITH WEATHERPROOF JOINTS.
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#DATE 01:10:1974 IN ENGLISH AIC 121

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#NO 382 ROUGHNESS ELEMENT GEOMETRY REQUIRED FOR WIND TUNNEL SIMULATIONS OF THE ATMOSPHERIC WIND.
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TRANS. ASME; JNL OF FLUID ENGINEERING VOL 99 NO 3 P480-485, 2 FIGS. 14 REFS.
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#NO 383 AIR INFILTRATION INTO HEATED BUILDINGS.
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WHITBREAD, R.E.
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#NO 389 THE EFFECT OF TURBULENCE ON THE SURFACE PRESSURE FIELD OF A SQUARE PRISM.
LEE. B.E.
JNL. FLUID. MECH. VOL 69, PAT 2 P263-282 18 FIGS 13 REFS. #DATE 27:05:1975 IN ENGLISH AIC 153.

#NO 390 EVALUATION OF THE EFFECTS OF ENERGY CONSERVATION MEASURES IN EXISTING BUILDINGS.
ELMROTH, A
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#NO 391 THE DEPENDENCE OF WIND LOADS ON METEOROLOGICAL PARAMETERS.
DAVENPORT A.G.
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#NO 392 CONCENTRATION METER FOR WIND TUNNEL STUDIES OF GASEOUS DISPERSION.
MOTYCKU, J. LEUTHEUSSER, H.J.
ATMOS. ENV. VOL 6 P911-916 8 FIGS, 6 REFS. #DATE 01:06:1972 IN ENGLISH AIC 155

#NO 393 THE APPLICATION OF THE BOUNDARY LAYER WIND TUNNEL TO THE PREDICTION OF WIND LOADING.
DAVENPORT A.G. ISYUMOV, N
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#NO 394 THE DRAG OF BLUFF BODIES IMMERSED IN A TURBULENT BOUNDARY LAYER.
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#NO 395 THE NATURE OF GUST LOADING ON TALL BUILDINGS.
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#NO 396 AN INVESTIGATION OF AIR EXCHANGE BETWEEN ROOMS AND OUTSIDE AIR.
UNTERSUCHUNG UBER DEN LUFTAUSTAUSCH ZWISCHEN WOHNRAUMEN UND AUSSENLUFT.
GEORGII H-W.
ARCHIV FUR METEOROLOGIE, GEOPHYSIK UND BIOKLIMATOLOGIE. SER.B BAND 5 P.191-214, 7 FIGS, 17 REFS, #DATE 01:01:1954 IN GERMAN AIC 155

#NO 397 SOME EFFECTS OF SHELTER-BELTS AND WIND-BREAKS.
GLOYNE, R.W.
MET. MAG. VOL. 84 P272-281 2 TABS, 47 REFS. #DATE 01:01:1955 IN ENGLISH AIC 156

#NO 398 AIR LEAKAGE CHARACTERISTICS OF LOW-INCOME HOUSING AND THE EFFECTIVENESS OF WEATHERIZATION TECHNIQUES FOR REDUCING AIR INFILTRATION
GROT. R.A. CLARK, R.E.
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#NO 399 WIND
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#NO 400 MEASUREMENT OF AIR-CHANGE-RATE IN ROOMS WITHOUT AIR-CONDITIONING.
MESSUNG DES NATURLICHEN LUFTWECHSELS IN NICHTKLIMATISIEREN WOHNRAUMEN.
BARGETZI S.P. HARTMANN P PFIFFNER I.
SCHWEIZ.BAUZIG. VOL.95 NO.14 P.3-7 5 FIGS, 23 REFS #DATE 01:01:1977 IN GERMAN AIC 91

#NO 401 DANISH AND SWEDISH METHODS OF CALCULATING THE HEAT LOSS FROM BUILDINGS.
DIE DANISCHEN AND SCHWEDISCHEN VERFAHREN ZUR BERECHNUNG DES WARMEBEDARFS VON GEBAUDEN.
BECHER P
GESUND. ING. VOL.79 NO.12 P.363-369 #DATE 01:12:1958 IN GERMAN BSRIA J.

#NO 402 MAKING THE HOUSE TIGHTER IS NOT ALWAYS PROFITABLE.
GORA SITT HUS MER LUFTTATT AR INTE ALLTID LONANDE
BLOMSTERBERG A. HANSSON T
BYGGNADSINDUSTRIN NO.15 P. 18-20 #DATE 01:01:1977 IN SWEDISH AIC 97

#NO 403 THE INFLUENCE OF WINDOW DESIGN ON THE AIR FLOW THROUGH CRACKS.

DER EINFLUSS DER FENSTERBAUART AUF DEN LUFTDURCHGANG
CAMMERER, J.S. HIRSCHBOLD, F.X
GES. ING. VOL.61 NO 29 P393-9, 6 TABS #DATE 01:01:1938 IN GERMAN AIC 143

#NO 404 WIND AND RAIN TIGHTNESS OF WINDOWS
VINDUERS TAETHED MOD VIND OG REGN.
BYBERG M.R.
BYGGE INDUSTRIN VOL.19 P752-754,756,761 11 FIGS. #DATE 01:01:1970 IN SWEDISH AIC 108

#NO 405 AIR CHANGE RATES IN BUILDINGS LESS THAN ASSUMED TO DATE.
LUFTSKIFTET I BOLIGERNE MINDRE END HIDTIL ANTAGET.
COLLET P.F.
INGENOREN VOL.10/11 NO.45 P14-16. 5 FIGS 5 REFS. #DATE 01:11:1977 IN SWEDISH AIC 144

#NO 406 THE NATURAL VENTILATION OF DWELLINGS.
BOLIGERS LUFTSKIFTE.
COLLET P.F. FREDERIKSEN, E. HOFFMAN, T MADSEN, G
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#NO 407 WEATHERSTRIPS FOR WINDOWS.
TETTELISTER FOR VINDUER.
DALAKER M.
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#NO 408 ENERGY CONSUMPTION IN MULTI-STOREY BUILDINGS RELATED TO WINDSPEED.
ZUR FRAGE DES ERHOTEN HEIZWARMEVERBRAUCHES BEI WIND.
FRANK W.
GESUND. ING. VOL.99 P.3-7 4 FIGS, 6 REFS, #DATE 01:02:1978 IN GERMAN AIC 46

#NO 409 SOME OBSERVATIONS CONCERNING THE WIND PARTICULARLY IN CONNECTION WITH THE VENTILATION OF DWELLINGS.
ENIGE OPMERKINGEN OVER WIND IN HET BIJZONDER IN VERBAND MET DE VENTILATIE VAN GEBOUWEN.
DEN OUDEN H.PH.L. VAN LAAR IR,J,
VERWARM. EN VENT. VOL.17 NO.8 P.271-272,277-287, 10 FIGS, 9 REFS, #DATE 01:08:1960 IN DUTCH BSRIA J.

#NO 410 THE HEAT CONSUMPTION IN SOME FLATS DERIVED FROM DATA FROM HEAT FLOW METERS AND GAS CONSUMPTION.
HET WARMTEVERBRUIK IN ENIGE FLATWONINGEN AFGLEID UIT WARMTEMETERGEGEVENS EN GASVERBRUIK.
EUSER, P. KNORR K.TH.
TPD-TNO REPORT NO.300.209-3 #DATE 01:01:1974 IN DUTCH AIC 131

#NO 411 PRESSURE RISE IN SOME BUILDINGS CAUSED BY GUSTY WIND.

DRUCKANSTEIG IM INNEREN VON GEBAUDEN BEI WINDEINFALL.
EUTENEUER G.-A.
BAUINGENIEUR VOL.45 NO.6 P.214-216. 2 FIGS. 1 REF. #DATE 01:06:1970 IN GERMAN
AIC 92

#NO 412 INFLUENCE OF RAIN AND WIND ON BUILDING FACADES.
EINWIRKUNG VON REGEN UND WIND AUF GEBAUDEFASSADEN.
FRANK W.
BERICHT AUS DER BAUFORSCHUNG VOL.86
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#NO 413 REDUCING HEAT LOSS THROUGH WINDOW RETROFITTING
HAGER, N.E., PHILLIPS, W.H.
ASHRAE J. 22(3) 55-57, 1 FIG., 5 REFS., 9 TABS. #DATE 01:03:1980 IN ENGLISH
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#NO 414 WIND FORCES ON BRICK CAVITY WALLS.
VINDTRYKK PA SKALLMURER.
HALLQVIST A.
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#NO 415 VENTILATION IS OF THE SAME IMPORTANCE AS AIR-TIGHTNESS OF SMALL
HOUSES.
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HARRYSON, C.
V.V.S NO.3 P.58-66. #DATE 01:03:1977 IN DANISH BSRIA J.

#NO 416 VENTILATION OF ROOMS DUE TO WIND FORCES AND ENERGY CONSUMPTION FOR
THE VENTILATION.
DIE DURCHLUFTUNG UND DER WARMEBEDARF FUR DIE LUFTUNG.
KRISCHER O. BECK H.
V.D.I. - BERICHT VOL.18 P.29-59 21 REFS, 13 TABS #DATE 01:01:1957 IN GERMAN
BSRIA P.

#NO 417 TESTING OF AIRTIGHTNESS OF WHOLE BUILDINGS WITH PRESSURE METHOD.
PROVNING AV LUFTTATHET HOS HELA BYGGNADER MED TRYCKMETOD.
KRONVALL J.
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#NO 419 TESTING OF AIR-TIGHTNESS OF WHOLE BUILDINGS.

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V.V.S. VOL.47 NO.10 P.107-111, #DATE 01:10:1976 IN SWEDISH BSRIA J

#NO 420 TIGHTNESS OF BUILDINGS : A HIDDEN ENERGY PROBLEM.
BYGGNADERS TATHET : ETT ENERGIPROBLEM I SKYMUNDEN.
LINDSKOUG N-E.
TEKNISK TIDSKRIFT NO.15 P.20-23 #DATE 01:01:1977 IN SWEDISH AIC 132

#NO 421 VENTILATION AND AIR LEAKAGE IN DIFFERENT KINDS OF BUILDINGS.
VENTILATION OCH LUFTLACKNING I OLIKA TYPER AV BYGGNADER.
LINDSKOUG N-E.
V.V.S. NO.9 P.53-54, 56-58. #DATE 01:09:1977 IN DANISH BSRIA J

#NO 422 METHOD OF MEASURING AIR INFILTRATION.
MATMETOD FOR OFRIVILLIG VENTILATION EXAMENSJOBB ELEVER I LULEA.
LUNDBERG. H.
V.V.S. NO.6-7 P.15-16 #DATE 01:06:1976 IN SWEDISH BSRIA J

#NO 423 AIR INFILTRATION IN DWELLINGS.
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LUNDBERG H. NILSSON T.
V.V.S. NO.9 P.57-59. #DATE 01:09:1976 IN SWEDISH BSRIA J

#NO 424 AIR-TIGHTNESS OF BUILDINGS.
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LINDH A, LINDSKOUG N-E., NYLUND P-O,
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#NO 425 HOW TO DETERMINE THE AIR-TIGHTNESS OF BUILDINGS.
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NYLUND P-O.
BYGGNADSINDUSTRIN NO.11 #DATE 01:11:1977 IN SWEDISH AIC 123

#NO 426 AIR-TIGHT WOODEN HOUSES.
TATA TRAHUS.
NYSTROM P.
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#NO 427 WOODEN WINDOWS.
VINDUER AV TRE.
PAULSEN E.M. RAKNES E. LOVIK N.
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#NO 428 DETERMINATION OF AIR EXCHANGE IN BUILDINGS BY SEMI-GRAPHICAL METHOD.
RAZUMOV N.N.

VODOS. I SANIT. TEKH. NO.12 #DATE 01:12:1963 IN RUSSIAN BSRIA J

#NO 429 CALCULATION OF AIR INFILTRATION IN MULTI-STOREY BUILDINGS FOR ANY CLIMATIC CONDITIONS.
RAZUMOV N.N.
VODOS. I SANIT. TEKH. NO.1 P.23-29 #DATE 01:01:1964 IN RUSSIAN BSRIA J

#NO 430 WINDOWS, NOISE REDUCTION AND VENTILATION.
FENSTER, SCHALLDAMMUNG UND LUFTUNG,
MITTER C.I.
HAUSTECHNISCHE RUNDSCHAU HEFT.12 #DATE 01:01:1972 IN GERMAN AIC 134

#NO 431 SEALING WINDOW JOINTS.
FUGENDICHTUNG VON FENSTER.
SCHREIER M.
KUNSTOFF IM BAU NO.12. P.4-7 #DATE 01:12:1977 IN GERMAN AIC 99

#NO 432 THE WINDOW-PROBE - A NEW INSTRUMENT FOR CHECKING THE INSTALLATION OF WINDOWS.
DIE FENSTERSONDE - EIN NEUES MESSGERAT ZUR GUTEPRUFUNG IM FENSTERBAU.
SCHWARZ B. HOLZ D.
INSTITUT FUR BAUPHYSIK, STUTTGART PREPRINT #DATE 01:01:1978 IN GERMAN AIC 151

#NO 433 VENTILATION OF DOUBLE WALLED ROOFS.
VENTILATION DES TOITURES A DOUBLE PAROI.
STORMS M.
C.S.T.C. REVUE NO.2 #DATE 01:06:1977 IN FRENCH AIC 79

#NO 434 MEASUREMENT OF VENTILATION WITH RADIOACTIVE ISOTOPES.
LUFTUNGSMESSUNGEN MIT RADIOAKTIVEN ISOTOPEN.
WILLAX H.A. MAIER-LEIBNITZ H.
GESUND. ING. VOL.76 P.97-101. #DATE 01:01:1955 IN GERMAN BSRIA J

#NO 435 DETERMINATION OF COMBINED AIR INFILTRATION AND VENTILATION RATES IN A NINE-STORY OFFICE BUILDING.
KELNHOFER, W.J. HUNT, C.M. DIDION, D.A.
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#NO 436 THE MEASUREMENT OF AIR INFILTRATION THROUGH METAL-FRAMED WINDOWS.
MANTLE, K.G.
HEAT. VENT. ENG. &. JNL. OF AIR. COND. VOL.31 NO.371 P529-531 5 FIGS, 3 REFS. #DATE 01:05:1958 IN ENGLISH. BSRIA J

#NO 437 MEASUREMENT AND CALCULATION OF THE VENTILATION THROUGH A VERTICAL SASH-WINDOW WITHOUT WIND.

MESSUNGEN UND BERECHNUNGEN UBER STOSSLUFTUNG DURCH VERTIKAL SCHIEBEFENSTER BEI WINDSTILLE.
VERHOEVEN A.C.
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#NO 438 WINDOW : AIR PERMEABILITY OF JOINTS AND DRIVING RAIN PROTECTION ; REQUIREMENTS AND TESTING.
FENSTER : FUGENDURCHLASSIGKEIT UND SCHLAGREGENSICHERHEIT, ANFORDERUNGEN UND PRUFUNG.
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#NO 439 WIND PRESSURE ON ELEMENTARY BUILDING FORMS EVALUATED BY MODEL TESTS.
HOWE, J.W.
CIVIL. ENG. VOL22 NO5 P42-46 10 FIGS #DATE 01:05:1952 IN ENGLISH AIC 160

#NO 440 INDOOR/OUTDOOR AIR QUALITY RELATIONSHIPS
YOCOM, J.E. CLINK, W.L. COTE. W.A.
JNL OF THE AIR POLLUTION CONTROL ASSOCIATION, VOL21 NO 5 P251-259 8 FIGS, 5 TABS, 6 REFS. #DATE 01:05:1971 IN ENGLISH BSRIA J.

#NO 441 A WIND TUNNEL INVESTIGATION USING SIMPLE BUILDING MODELS TO OBTAIN MEAN SURFACE WIND PRESSURE COEFFICIENTS FOR AIR INFILTRATION ESTIMATES.
BOWEN.A.J.
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#NO 442 DESIGN AND PERFORMANCE OF ROOFS.
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#NO 443 A PROBE FOR SENSING STATIC PRESSURE IN TWO-DIMENSIONAL FLOW.
MORAN P, HOXEY R.P.
J. PHYS. E. SCI. INSTRUM. VOL. 12. NO.8. P752-753. 4 FIGS. 2 REFS. #DATE 01:08:1979 IN ENGLISH BSRIA J.

#NO 444 NATURAL VENTILATION OF MODERN TIGHTLY CONSTRUCTED HOUSES.
ELKINS, R.H. WENSMAN C.E.
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#NO 445 WIND PRESSURE MEASUREMENTS ON BLUFF BODIES IN NATURAL WINDS.
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#NO 446 STUDY OF WIND PRESSURE WITH VERTICAL DISTRIBUTION ON MODEL-SCALE BUILDINGS.
KAMEI, 1.
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#NO 447 A WIND TUNNEL TEST OF PRESSURE DISTRIBUTIONS ON BOX-SHAPED MODELS.
KATSURA, J
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#NO 448 SEPARATION-INDUCED PRESSURE FLUCTUATIONS ON BUILDINGS.
CERMAK, J.E.
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#NO 449 TECHNIQUES FOR MEASURING WIND LOADS ON FULL-SCALE BUILDINGS.
MARSHALL, R.D. HSI. G.
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#NO 450 AN EXHAUST FAN APPARATUS FOR ASSESSING THE AIR LEAKAGE CHARACTERISTICS OF HOUSES.
ORR. H.W. FIGLEY. D.A.
PRAIRIE REGIONAL STATION, DIVISION OF BUILDING RESEARCH, NATIONAL RESEARCH COUNCIL OF CANADA B.R. NOTE NO.156 . 5FIGS. 7REFS. #DATE 01:03:1980. IN ENGLISH AIC 171

#NO 451 AVOIDANCE OF CONDENSATION IN ROOFS.
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#NO 453 WINTERTIME INFILTRATION RATES IN MOBILE HOMES.
GOLDSCHMIDT V.W. LEONARD R.G. BALL J.E. WILHELM D.R.
A.S.T.M SYMPOSIUM MARCH 13 1978 #DATE 13:03:1978 IN ENGLISH AIC 168

#NO 454 NATURAL VENTILATION OF LARGE HOSPITAL BUILDINGS.
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#NO 456 FUEL CONSUMPTION IN INDUSTRIAL BUILDINGS
KIRKWOOD, R.C.
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#NO 457 A MODEL CORRELATING AIR TIGHTNESS AND AIR INFILTRATION IN HOUSES.
BLOMSTERBERG A. SHERMAN M.H. GRIMSRUD D.T.
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#NO 458 FIELD AIR INFILTRATION PERFORMANCE OF NEW RESIDENTIAL WINDOWS.
SELKOWITZ S. WEIDT. J
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#NO 459 LOW PRESSURE LEAKAGE FUNCTION OF A BUILDING.
SHERMAN M.H. GRIMSRUD D.T. SONDEREGGER R.C.
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#NO 460 RESIDENTIAL VENTILATION WITH HEAT RECOVERY IMPROVING INDOOR AIR QUALITY AND SAVING ENERGY
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#NO 461 A FIELD STUDY OF MOISTURE DAMAGE IN WALLS INSULATED WITHOUT A VAPOUR BARRIER.
TSONGAS G.A. ODELL F.G. THOMPSON J.C.
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#NO 462 INFLUENCE OF AIR MOVEMENT ON BUILDING ENVELOPE THERMAL PERFORMANCE.
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#NO 463 AIR LEAKAGE MEASUREMENT OF BUILDINGS BY AN INFRASONIC METHOD
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KONRAD, A. LARSEN. B.T.
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#NO 466 A MATHEMATICAL MODEL FOR PREDICTING ATTIC VENTILATION RATES REQUIRED FOR PREVENTING CONDENSATION ON ROOF SHEATHING
BURCH P.M. LUNA D.E.
ASHRAE TRANSACTIONS VOL 86 NO 1. 10 FIGS, 3 TABS, 14 REFS. #DATE 01:01:1980 IN ENGLISH. AIC 175

#NO 467 PERFORMANCE OF SEALED DOUBLE-GLAZING UNITS.
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FORMALDEHYD I INDELUFT I DANSKE BOLIGER.
ANDERSEN I LUNDQVIST G.R. MOLHAVE L.
UGESKRIFT FOR LAEGER VOL. 136 NO. 38 P2133-2139 5 FIGS. 26 REFS. #DATE 06:09:1974 IN DANISH AIC 179

#NO 469 THEORETICAL MODEL FOR RELATING INDOOR POLLUTANT CONCENTRATIONS TO THOSE OUTSIDE.
SHAIR F.H. HEITNER K.L
ENV. SCI. AND TECH. VOL 8. NO5. P444-451 3 TABS 10 FIGS 18 REFS. #DATE 01:05:1974 IN ENGLISH AIC 178

#NO 470 EXPOSURE TO POLLUTANTS IN ENCLOSED "LIVING SPACES".
STERLING T:D. KOBAYASHI D.M.
ENV. RES. VOL13 P1-35 18 TABS. 89 REFS. #DATE 01:01:1977 IN ENGLISH AIC 177

#NO 471 WIND EFFECT ON THE AIR MOVEMENT INSIDE BUILDINGS.
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#NO 472 DRAG OF BLUFF BODY IMMERSED IN A ROUGH WALL BOUNDARY LAYER.
JOUBERT P.N. PERRY. A.E. STEVENS L.K.
PROCEEDINGS 3RD INTERNATIONAL CONFERENCE "WIND EFFECTS ON BUILDINGS AND STRUCTURES" TOKYO. SEPT. 6-9 1971 PUB. SAISON SHUPPAN CO. LTD. TOKYO. P179-188 9 FIGS. 10 REFS #DATE 07:09:1971 IN ENGLISH AIC 190

#NO 473 AIR LEAKAGE OF WINDOWS AND PRESSURE DISTRIBUTIONS IN BUILDINGS.
LUFTDURCHLASSIGKEIT DER FENSTER UND DRUCKVERTEILUNG IM GEBAUDE.
ESDORN H.
IN "DAS HOCHHAUS DER BASF" JULIUS HOFFMAN VERLAG. STUTTGART P161-170 6 FIGS 17 REFS. #DATE 01:01:1958 IN GERMAN AIC 180

#NO 474 THEORETICAL AND EXPERIMENTAL STUDIES OF HEAT LOSS DUE TO VENTILATION.
ALEXANDER D.K. ETHERIDGE D.W. GALE R.
PROCEEDINGS XXI INTERNATIONAL CONGRESS FOR BUILDING SERVICES ENGINEERING, BERLIN 17/18 APRIL 1980 #DATE 17:04:1980 IN ENGLISH AIC 182.

#NO 475 CONSIDERATION OF THE REQUIREMENTS OF AIR-RENEWAL IN ROOMS TAKING INTO ACCOUNT THE SEALING REQUIREMENTS OF WINDOWS.
BETRACHTUNG DER ANFORDERUNGEN AN DIE LUFTERNEUERUNG IN RAUMEN UNTER BERUCKSICHTIGUNG DER DICHTIGKEITS-ANFORDERUNGEN AN FENSTER
FROELICH H.
BUNDES. BAUBLATT. VOL 28 NO.5. P284-286, 288-289 9 FIGS 5 REFS. #DATE 01:05:1979 IN GERMAN AIC 188

#NO 476 THE LOFT AS AN AIR ESCAPE ROUTE.
GALE. R.
RESEARCH COLLOQUIUM ON "NATURAL VENTILATION AND INFILTRATION" BUILDING RESEARCH ESTABLISHMENT 14-16 APRIL 1980. #DATE 15:04:1980 IN ENGLISH AIC 185

#NO 477 PRESSURE FLUCTUATIONS ON BUILDINGS
CERMAK J.E. SADEH W.Z.
PROCEEDINGS CONFERENCE "WIND EFFECTS ON BUILDINGS AND STRUCTURES" TOKYO SEPT, 6-9, 1971 PUB. SAIKON SHUPPAN CO. LTD. TOKYO P189-198 6 FIGS 9 REFS. #DATE 07:09:1971 IN ENGLISH AIC 191

#NO 478 INFILTRATION-PRESSURIZATION CORRELATION: SIMPLIFIED PHYSICAL MODELING.
SHERMAN M.H. GRIMSRUD. D.T.
ASHRAE MEETING DENVER, COLORADO. JUNE 1980
= LBL 10163. 4 FIGS 16 REFS. #DATE 01:06:1980 IN ENGLISH AIC 192

#NO 479 AIR LEAKAGE IN A BUILDING AT LOW PRESSURES USING AN ALTERNATING PRESSURE SOURCE.
GRIMSRUD D.T. SHERMAN M.H. SONDEREGGER R.C.
PROCEEDINGS XXI INTERNATIONAL CONGRESS FOR BUILDING SERVICES ENGINEERING 17-18 APRIL 1980 #DATE 17:04:1980 IN ENGLISH AIC 193

#NO 480 WIND LOADING ON A RECTANGULAR BLOCK.
ARMITT J.
CENTRAL ELECTRICITY RESEARCH LABORATORIES REPORT NO. RD/L/N 59/74 7P 5 FIGS. 11 REFS. #DATE 01:02:1974 IN ENGLISH AIC 194

#NO 481 THE SIMULATION OF THE ATMOSPHERIC BOUNDARY LAYER IN A WIND TUNNEL
ARMITT. J.
CENTRAL ELECTRICITY RESEARCH LABORATORIES NOTE NO. RD/L/N 83/66 24P. 17 FIGS. 15 REFS. #DATE 09:08:1966 IN ENGLISH AIC 195

#NO 482 INFLUENCE OF NEIGHBORING STRUCTURES ON THE WIND PRESSURE ON TALL BUILDINGS.
HARRIS C.L.
JNL. OF RESEARCH-NATIONAL BUREAU OF STANDARDS VOL 12 P103-118 11 FIGS. #DATE 01:01:1934 IN ENGLISH AIC 196

#NO 483 THE COMPUTER SIMULATION OF SMOKE MOVEMENT DURING BUILDING FIRES.
IRVING S.J.
FIRE. PREV. SCI. TECH. NO22 P3-8 9 FIGS. 1 TAB. 3 REFS. #DATE 01:12:1979 IN ENGLISH AIC 303

#NO 484 ENERGY CONSERVATION WITH NATURAL AIR FLOW THROUGH WINDOWS
EVANS B.E.
ASHRAE, TRANS. VOL 85. NO 2. P641-650 16 FIGS 7 REFS. #DATE 01:06:1979 IN ENGLISH BSRIA J

#NO 485 INFILTRATION AND HEAT TRANSMISSION,
TJYVDRAG OCH TRANSMISSION.
LINDH A. NYLUND O.
BYGGMASTAREN VOL. 59. NO. 1-2 P26-27 3 FIGS 2 REFS. #DATE 01:01:1980 IN SWEDISH. BSRIA J

#NO 486 WINDOW DESIGN
FONSTERTEKNIK.
HOGLUND I AHLGREN B.
BYGGFORLAGET STOCKHOLM. 150 PPS. 66 REFS. ISBN 91-85194- 04-2 #DATE 01:01:1973 IN SWEDISH AIC

#NO 487 VENTILATION IN BUILDINGS.
MINISTRY OF THE INTERIOR, FINLAND
NATIONAL BUILDING CODE OF FINLAND, REGULATIONS AND GUIDELINES D2. 51P. #DATE 27:10:1978 IN ENGLISH. AIC.

#NO 488 SHELTER BEHIND TWO-DIMENSIONAL SOLID AND POROUS FENCES
PERARA M.D.A.E.S.
4TH COLLOQUIUM ON INDUSTRIAL AERODYNAMICS, AACHEN 18-20 JUNE 1980 9P. 8 FIGS 10 REFS. #DATE 19:06:1980 IN ENGLISH AIC 202

#NO 489 NATURAL VENTILATION AND ENERGY CONSUMPTION
DE GIDS W.F. PHAFF J.C. KNOLL B.
EUROPEAN COMMUNITIES INTERNATIONAL SEMINAR "NEW WAYS TO SAVE ENERGY" BRUSSELS 23-25 OCTOBER 1979. #DATE 24:10:1979 IN ENGLISH BSRIA BK.

#NO 490 THE NEED FOR IMPROVED AIRTIGHTNESS IN BUILDINGS.
HANDEGARD G.O.
NATIONAL RESEARCH COUNCIL OF CANADA. DIVISION OF BUILDING RESEARCH. NOTE. NO. 151 7P 7 REFS
= ENGINEERING FOUNDATION CONFERENCE ON "VENTILATION VS. ENERGY CONSERVATION" HENNIKER JULY 1977. PUB. N.B.S. #DATE 01:11:1979 IN ENGLISH BSRIA SP.

#NO 491 PARTICULATE POLLUTION IN INDOOR AIR
PARTIKULARA FORORENINGAR I INOMHUSLUFT.
MOLLER A.L.
V.V.S. (TIDSKRIFT) VOL.50 NO.7-8 P.31-34 2 FIGS. 1 TAB. #DATE 01:07:1979 IN SWEDISH BSRIA J.

#NO 492 RADON IN BUILDINGS, A HYGIENE PROBLEM CAUSED BY RADIATION.
RADON I BOLIGER, ET STRALEHYGIENISK PROBLEM.
STRANDEN E.
NORSK V.V.S. VOL.22 NO.4 P.224-232, 4 FIGS. 1 TAB. #DATE 01:04:1979 IN NORWEGIAN BSRIA J

#NO 493 RADON COMMITTEE PROPOSES PROVISIONAL LIMIT VALUES AND BETTER VENTILATION.
PROVISORISKA GRANSVARDEN OCH BATTRE VENTILATION FORESLAR RADONUTREDNING.
NOMMIK E.
V.V.S. (TIDSKRIFT) VOL.50 NO.7-8 P.15-16 1 TAB. #DATE 01:07:1979 IN SWEDISH BSRIA J

#NO 494 THE EFFECT OF SMOKING ON VENTILATION REQUIREMENTS.
LUNDQVIST G.R.
IN INDOOR CLIMATE P.O. FANGER, O.VALBJORN-PROCEEDINGS. 1ST INTERNATIONAL INDOOR CLIMATE SYMPOSIUM IN COPENHAGEN AUGUST 30:-SEPT. 1. 1978. PUB. DANISH BUILDING RESEARCH. INSTITUTE-1979. #DATE 01:09:1978 IN ENGLISH AIC.

#NO 495 WELL INSULATED AIRTIGHT BUILDINGS, ENERGY CONSUMPTION, INDOOR CLIMATE, VENTILATION AND AIR INFILTRATION.
ELMROTH A. LOGDBERG. A.
ROYAL INSTITUTE OF TECHNOLOGY, DIVISION OF BUILDING TECHNOLOGY STOCKHOLM, SWEDEN
= PROCEEDINGS 8TH CIB CONGRESS OSLO JUNE 1980 #DATE 01:06:1980 IN ENGLISH AIC 186

#NO 496 HOW TO BUILD A SUPERINSULATED HOUSE.- COLD WEATHER EDITION.
MCGRATH E.
PROJECT 2020 P.O. BOX 81961, COLLEGE, AK 99708 #DATE 01:01:1978 IN ENGLISH AIC 198

#NO 497 WIND PRESSURE COEFFICIENTS ON EXTERIOR WALL ELEMENTS OF TALL BUILDING.
MIYISHI S. IDA M. MIURA T.
PROCEEDINGS 3RD. INTERNATIONAL CONFERENCE "WIND EFFECTS ON BUILDINGS AND STRUCTURES" TOKYO SEPT. 6-9, 1971 PUB. SAIKON SHUPPAN CO. LTD. TOKYO P.273-284. 16 FIGS 8 REFS. #DATE 07:09:1971 IN ENGLISH AIC 197

#NO 498 WIND SHELTERS.
GANDEMER. J.
JNL. IND. AERODYNAM: VOL 4 NO3-4. P371-389 15 FIGS. 4 REFS.
= 3RD: COLLOQUIUM ON INDUSTRIAL AERODYNAMICS. ADCHEN. JUNE 14-16 1978. #DATE 01:08:1978 IN ENGLISH. BSRIA J

#NO 499 A COMPARISON OF WIND-TUNNEL AND FULL-SCALE WIND PRESSURE MEASUREMENTS ON LOW-RISE STRUCTURES
TIELEMAN, H.W. AKINS R.E. SPARKS P.R.
4THE COLLOQUIUM ON INDUSTRIAL AERODYNAMICS. AACHEN JUNE 19-20, 1980 14 FIGS. 4 REFS. #DATE 19:06:1980 IN ENGLISH AIC 200

#NO 500 INFRASONIC MEASUREMENT OF BUILDING AIR LEAKAGE-A PROGRESS REPORT.
CARD W.H. SALLMAN A. GRAHAM. R.W. DRUCKER E.E.
PROCEEDINGS ASTM, ASHRAE, NBS, DOE SYMPOSIUM ON AIR INFILTRATION MEASUREMENTS WASHINGTON D.C. MARCH 13, 1978
= DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING, SYRACUSE UNIVERSITY, TECHNICAL REPORT TR-78-5. 13 FIGS 4 REFS. #DATE 01:03:1978 IN ENGLISH AIC

#NO 501 INFRASONIC IMPEDANCE MEASUREMENT OF BUILDINGS FOR AIR LEAKAGE DETERMINATION.
GRAHAM R.W.
DEPT. OF ELECTRICAL AND COMPUTER ENGINEERING, SYRACUSE UNIVERSITY. TECHNICAL REPORT TR-77-15 54P 9 REFS. #DATE 01:06:1977 IN ENGLISH AIC

#NO 502 PRACTICAL METHODS OF REDUCING AIRBOURNE CONTAMINANTS IN INTERIOR SPACES.
MCNALL. P.E.
ARCH. ENVIRON. HEALTH. VOL 30 P552-556. 5 FIGS 7 REFS. #DATE 01:11:1975 IN ENGLISH AIC 201

#NO 503 SOURCE AND IMPORTANCE OF AIR POLLUTION IN THE INTERIOR OF BUILDINGS.
SOURCE ET IMPORTANCE DE LA POLLUTION DE L'AIR A L'INTERIEUR DES BATIMENTS.
SATISH J. WANNER H.U.
SOZIAL- U. PRAVENTIVMEDIZIN VOL.21 P.124-125. 3 TABS. 2 REFS. #DATE 01:01:1976 IN FRENCH AIC 204

#NO 504 WIND PROTECTION BY MODEL FENCES IN A SIMULATED ATMOSPHERIC BOUNDARY LAYER
RAINE J.K. STEVENSON D.C.
JNL. IND. AERODYNAM. VOL.2. NO.2. P159-180 10 FIGS 26 REFS. #DATE 01:06:1977 IN ENGLISH BSRIA J

#NO 505 AIR INFILTRATION IN BUILDINGS : LITERATURE SURVEY AND PROPOSED RESEARCH AGENDA.
ROSS H. GRIMSRUD. D.
PREPARED FOR INTERNATIONAL ENERGY AGENCY BY. U.S. DEPARTMENT OF ENERGY. LBL-W7822 328P. BIBLIOG. #DATE 01:05:1978 IN ENGLISH AIC 53.

#NO 506 INFILTRATION IN THE MOBILE HOME.
WILHELM D.R.
M.SC. THESIS. RAY HERRICK LABORATORIES. PURDUE UNIVERSITY. 240P. 78 FIGS. 40 REFS. #DATE 01:12:1978 IN ENGLISH. AIC (MICROFICHE)

#NO 507 RADON IN THE HOME
DAVIES B.L.
C.I.B.S-R.S.H. SEMINAR. "HEALTH IN THE HOME" E.C.R.C. CAPENHURST 7 MAY 1980. P35-42. 4 FIGS. 13 REFS. #DATE 07:05:1980 IN ENGLISH AIC

#NO 508 TIGHTNESS AND ITS TESTING IN SINGLE AND TERRACED HOUSES
TATHETSPROVNING AV SMAHUS OCH RADHUS.
NYLUND P.O.
TYRENS TECHNICAL MEMORANDUM 1979:5
= BYGGMASTEREN NO.5 1979 #DATE 01:05:1979 IN SWEDISH,ENGLISH AIC

#NO 509 AIR LEAKAGE MEASUREMENTS IN THREE APARTMENT HOUSES IN THE CHICAGO AREA.
HUNT C.M. PORTERFIELD J.M. ONDRIS P.
NATIONAL BUREAU OF STANDARDS INTERAGENCY REPORT NBSIR 78-1475 24P. 12 FIGS. 9 REFS. #DATE 01:06:1978 IN ENGLISH AIC 205

#NO 510 RADIOACTIVITY IN CONSTRUCTION MATERIALS. A LITERATURE REVIEW AND BIBLIOGRAPHY.
EADIE G.G.
ENVIRONMENTAL PROTECTION AGENCY. TECHNICAL NOTE ORP/LV-75-1 45P, 2 TABS, BIBLIOG, #DATE 01:05:1975 IN ENGLISH AIC 206

#NO 511 AN AIR TO AIR HEAT EXCHANGER FOR RESIDENCES.
BESANT R.W. DUMONT R.G. VAN EE. D.
UNIVERSITY OF SASKATCHEWAN, SASKATOON, ENGINEERING BULLETIN. 12P 15 FIGS 2 REFS. #DATE 01:01:1978 IN ENGLISH AIC 207

#NO 512 FORMALDEHYDE IN THE INDOOR ENVIRONMENT-HEALTH IMPLICATIONS AND THE SETTING OF STANDARDS.

ANDERSEN. 1.
IN FANGER P.O. AND VALBJORN O. "INDOOR CLIMATE" DANISH BUILDING RESEARCH INSTITUTE. P65-87 16REFS. = PROCEEDINGS 1ST. INTERNATIONAL INDOOR CLIMATE SYMPOSIUM. COPENHAGEN. AUG.30-SEPT. 1. 1978. #DATE 30:08:1978 IN ENGLISH AIC.

20 #NO 513 NATURAL VENTILATION IN HOSPITAL BUILDINGS REPORT NO 15. OPERATING MANUAL FOR THE "CRKFLO" COMPUTER PROGRAM
POTTER. I.N.
B.S.R.I.A. REPORT 19/34/3, #DATE 01:08:1976 IN ENGLISH BSRIA. SP.

#NO 514 THE BRITISH GAS MULTI-CELL MODEL FOR CALCULATING VENTILATION.
ETHERIDGE D.W. ALEXANDER D.K.
ASHRAE MEETING, DENVER COLORADO. JUNE 22-26 1980 #DATE 23:06:1980 IN ENGLISH AIC 183

#NO 515 INFILTRATION AND VENTILATION
TJYVDRAG OCH VENTILATION
NYLAND P.O.
NATIONAL INSTITUTE FOR BUILDING. RESEARCH, SWEDEN. T4:1979 64P 30 FIGS 8 REFS. ISBN. 91-540-2963-5 IN SWEDISH. #DATE 01:01:1979 IN ENGLISH, SWEDISH. AIC 50

#NO 516 A SCINTILLATION COUNTER FOR THE MEASUREMENT OF RADON CONCENTRATION IN AIR.
COLLINSON A.J.L. HAQUE A.K.M.M.
J. SCI. INSTRU. VOL. 40 P521-523 3 FIGS. 7 REFS, #DATE 01:11:1963 IN ENGLISH BSRIA J

#NO 517 APPLICATION OF MATHEMATICAL MODEL FOR THE BUILDUP OF CARBON MONOXIDE FROM CIGARETTE SMOKING IN ROOMS AND HOUSES.
JONES R. FAGAN R.
ASHRAE J. VOL.16 NO.8 P.49-53 7 FIGS. 3 TABS. 9 REFS. #DATE 01:08:1974 IN ENGLISH BSRIA J

#NO 518 MEASUREMENT OF VENTILATION RATES WITH RADIOACTIVE TRACERS
GERRARD M.
ASHRAE J. VOL.10 P47-50 2 FIGS 17 REFS. #DATE 01:09:1968 IN ENGLISH BSRIA J

#NO 519 SOME FIELD TEST RESULTS OF WIND PRESSURES ON A TALL BUILDING.
MAKINO M. NAKAHARA M. SATO T
PROCEEDINGS. OF CONFERENCE "WIND EFFECTS ON BUILDINGS AND STRUCTURES" TOKYO SEPT 6-9. 1971 PUB. SAIKON SHUPPAN CO. LTD. TOKYO P295-304 4 FIGS. 2 REFS. #DATE 07:09:1971 IN ENGLISH AIC. 219

#NO 520 THE NATURAL VENTILATION OF TALL OFFICE BUILDINGS.
JACKMAN P.J. DEN OUDEN H. PH.L.
PROCEEDINGS IHVE/BRS SYMPOSIUM "THERMAL ENVIRONMENT IN MODERN BUILDINGS" LONDON 29TH FEBRUARY 1968. PAPER 4.1. 6 FIGS 18REFS. #DATE 29:02:1968 IN ENGLISH BSRIA BK.

#NO 521 THE REDUCTION OF AIRBOURNE RADON DAUGHTER CONCENTRATION BY PLATEOUT ON AN AIR MIXING FAN.
HOLUB. R. ET. AL.
HEALTH. PHYS. VOL.36 P497-504 4 FIGS. 17 REFS. #DATE 01:04:1979 IN ENGLISH AIC 208

#NO 522 AIR INFILTRATION IN LOW-RISE RESIDENTIAL BUILDINGS: A STATE-OF-THE-ART REVIEW
TUCKER. B.
TECHNOLOGY AND ECONOMICS INC. CAMBRIDGE. MASS. 150P. #DATE 01:03:1980 IN ENGLISH AIC

#NO 523 ASSESSMENT OF AIRBORNE RADON DAUGHTER CONCENTRATIONS IN DWELLINGS IN GREAT BRITAIN.
CLIFF K.D.
PHYS. MED. BIOL. VOL.23 NO 4 P696-711 5 FIGS 2 TABS 36 REFS. #DATE 01:04:197? IN ENGLISH AIC 172

#NO 524 THE MEASUREMENT OF LOW CONCENTRATIONS OF RADON-222 DAUGHTERS IN AIR WITH EMPHASIS ON RAa ASSESSMENT.
CLIFF K.D.
PHYS. MED. BIOL. VOL. 23 NO. 1. P55-65 3 FIGS 8 REFS. #DATE 01:01:1978 IN ENGLISH AIC 209

#NO 525 NET ANNUAL HEAT LOSS FACTOR METHOD FOR ESTIMATING HEAT REQUIREMENTS OF BUILDINGS.
MITALAS G.P.
NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BUILDING RESEARCH BUILDING RESEARCH NOTE NO.117 9P. 8 FIGS 4 TABS. 7 REFS. #DATE 01:11:1976 IN ENGLISH BSRIA SP

#NO 526 AIR LEAKAGE MEASUREMENTS IN A MOBILE HOME.
HUNT C.M. TREADO S.J. PEAVY B.A.
NATIONAL BUREAU OF STANDARDS INTERAGENCY REPORT, NBSIR 76-1063 23P. 9 FIGS, 5 TABS. 4 REFS. #DATE 01:07:1976 IN ENGLISH AIC. 210

#NO 527 ENERGY CONSERVATION AND INDOOR AIR POLLUTION
SILBERSTEIN S.
ENERGY AND BUILDINGS VOL 2 NO 3 P185-189 #DATE 01:08:1979 IN ENGLISH BSRIA J

#NO 528 HUMAN DISEASE FROM RADON EXPOSURES. THE IMPACT OF ENERGY CONSERVATION IN RESIDENTIAL BUILDINGS.
BUDNITZ R.J. ET. AL.
ENERGY AND BUILDINGS. VOL 2 NO.3 P209-215 3 FIGS 20 REFS #DATE 01:08:1979 IN ENGLISH BSRIA J

#NO 529 HEATING SYSTEM-GENERATED INDOOR AIR POLLUTION
SILBERSTEIN S.

ENERGY AND BUILDINGS VOL 2. NO 4 P271-278 3 FIGS 2 TABS 12 REFS. #DATE 01:12:1979 IN ENGLISH BSRIA J

#NO 530 MEASUREMENTS OF IONISING RADIATION DOSES IN DWELLINGS IN POLAND
POMIARY PROMIENIOWANIA JONIZUJACEGO W NIEKTORYCH BUDYNKACH MIESZKALNYCH W POLSCE
PENSKO, J., MAMONT, K., WARDASZKO, T.
NUKLEONIKA, 14, P415-424, 1969 4 FIGS, 1 TABLE, 15 REFS. #DATE 01:04:1969 IN POLISH AIC 211

#NO 531 THE RELATIVE RADIOACTIVITY OF BUILDING MATERIALS
HAMILTON E.I.
AMER. IND. HYG. ASSOC. J. VOL. 32. NO 6. P398-403 2 TABS. 16 REFS. #DATE 01:06:1971 IN ENGLISH AIC 212

#NO 532 MEASUREMENT OF ENVIRONMENTAL GAMMA RADIATION IN NORWEGIAN HOUSES
STORRUSTE A. ET. AL.
HEALTH. PHYS. VOL 11. NO 4. P261-269 3 FIGS. 3 TABS. 6 REFS. #DATE 01:04:1965 IN ENGLISH AIC 213.

#NO 533 MODEL-SCALE TESTS IN TURBULENT WIND. PART 1. SHELTER AT HOUSES-DISPERSAL OF SMOKE.
JENSEN M. FRANCK. N.
DANISH TECHNICAL PRESS, COPENHAGEN 96P 95 FIGS 10 REFS #DATE 01:01:1963 IN ENGLISH AIC

#NO 534 MODEL-SCALE TESTS IN TURBULENT WIND PART 2. PHENOMENA DEPENDENT ON THE VELOCITY PRESSURE.
JENSEN M. FRANCK. N.
DANISH TECHNICAL PRESS, COPENHAGEN 169P. 169 FIGS. 4 REFS. #DATE 01:01:1965 IN ENGLISH AIC.

#NO 535 OUTDOOR SOURCES OF INDOOR AIR POLLUTION.
SILBERSTEIN S.
ENERGY BLDGS. VOL.2 NO.1 P.55-64, 5 FIGS. 2 TABS. 22 REFS. #DATE 01:01:1979 IN ENGLISH BSRIA J

#NO 536 ENVIRONMENTAL RADIATION BACKGROUND VARIATIONS BETWEEN RESIDENCES.
LINDEKEN C.L. JONES D.E. MCMILLEN R.E.
HEALTH PHYSICS VOL.24 NO.1 P.81-86. 4 FIGS. 3 TABS. 10 REFS. #DATE 01:01:1973 IN ENGLISH AIC 216

#NO 537 STUDIES ON THE NATURAL BACKGROUND RADIATION IN ITALY.
CARDINALE A. FRITTELLI L. LEMBO G. GERA F. ILARI O.
HEALTH PHYSICS VOL.20 NO.3 P.285-296 8 FIGS. 4 TABS. 18 REFS. #DATE 01:03:1971 IN ENGLISH AIC 215

#NO 538 PRELIMINARY STUDIES OF THE EFFECTS OF SEALANTS ON RADON EMANATION

FROM CONCRETE.
AUXIER J.A. SHINPAUGH W.H. KERR G.D. CHRISTIAN D.J.
HEALTH PHYSICS VOL.24 NO.4 P.390-392 2 FIGS. 1 TAB. 4 REFS. #DATE 01:10:1974
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#NO 539 STANDARDS FOR NATURAL RADIOACTIVE SUBSTANCES IN BUILDING MATERIALS.
K VOPROSU O NORMIROVANII SODERZHANIYA ESTESTVENNYKH RADIOAKTIVNYKH VESHCHESTU
V STROITEL'NYKH MATERIALAKH.
AFANAS'EV M.K. KRISYUK E.M.
HYGIENE AND SANITATION VOL.32 NO.10-12 P.387-392. 2 TABS. 4 REFS. #DATE
01:10:1967 IN ENGLISH,RUSSIAN AIC 218

#NO 540 NATURAL RADIATION IN THE URBAN ENVIRONMENT.
YEATES D.B. GOLDIN A.S. MOELLER D.W.
NUCLEAR SAFETY VOL.13 NO.4 P.275-286 4 FIGS. 6 TABS. 48 REFS. #DATE 01:07:1972
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#NO 541 A REPRESENTATIVE SURVEY ON HEATING AND VENTILATION CONDITIONS IN
DWELLINGS.
REPRASENTATIVUMFRAGE UBER DIE HEIZ- UND LUFTUNGSVERHALTNISSE IN WOHNUNGEN.
KUNZEL H.
GESUND. ING. VOL.100 NO.9 P.261-265 3 FIGS. 3 TABS. = BRITISH GAS TRANSLATION
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#NO 542 ON SIMULATING THE ATMOSPHERIC BOUNDARY LAYER IN WIND TUNNELS
COOK. N.J.
BUILDING RESEARCH ESTABLISHMENT CURRENT PAPER CP 71/78 24P 24 FIGS. 28 REFS.
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& JNL IND. AERODYNAM 1978 VOL 2 NO 4 P311-321 #DATE 01:12:1978 IN ENGLISH
BSRIA SP.

#NO 543 OPENINGS AND VENTILATION FOR BUILDINGS.
NARASAKI M.
TRANS. SHASE VOL.54 NO.4 P.341-346 10 FIGS 8 REFS. #DATE 01:01:1980 IN
JAPANESE BSRIA J

#NO 544 VENTILATION IN SMALL HOUSE
VENTILATION I SMAHUS : KUNSKAPSBRIST MINSKAR ENERGISPDRANDET
EKSTRAND J.E. GUSTEN J. HARRYSON C.
BYGGMASTAREN NO 5. P17-20 5 FIGS. 11 REFS. #DATE 01:05:1980 IN SWEDISH BSRIA J

#NO 545 AN EXPERIMENTAL DETERMINATION OF VENTILATION RATE IN OCCUPIED ROOMS
USING ATMOSPHERIC CARBON DIOXIDE CONCENTRATION
PENMAN,J.M.
BLDG.ENVIRON. XX 1980, VOL 15 NO1. P45-47 2 FIGS, 1 TAB, 3 REFS #DATE
01:01:1980 IN ENGLISH BSRIA J

#NO 546 VENTILATION OF DWELLINGS AND ITS DISTURBANCES
HONMA,H.

SWEDEN:ROYAL INSTITUTE OF TECHNOLOGY 1975 TECHNICAL NOTICE 63. 159PP SKR 25 APPROX. #DATE 01:01:1975 IN SWEDISH AIC 169

#NO 547 VENTILATION RATES
NAKAZAWA,Y., NARASAKI,M.
TRANS.SHASE 54(1) 27-32, 7 FIGS, 7 TABS #DATE 01:01:1980 IN JAPANESE BSRIA J

#NO 548 ENERGY CONSUMPTION OF RESIDENTIAL BUILDINGS
LARSEN,B.T.
NORWAY: BUILDING RESEARCH INSTITUTE. 2 PARTS. 198PP. UNPRICED. FIGS, TABS, 11 REF #DATE 01:01:1977 IN ENGLISH AIC

#NO 549 LEAKAGE OF COLD-ROOM WALLS.
ONDICHTHEDEN IN DE WANDEN VAN KOUDE RUIMTEN.
VAN HIELE, T ET. AL.
KOELTECHIEK VOL 73. NO.2. P24-31 #DATE 01:02:1980 IN DUTCH AIC 260

#NO 550 NATURAL VENTILATION OF SINGLE FAMILY HOUSES.
VENTILATION NATURELLE DES MAISONS INDIVIDUELLES
NUSGENS P. GUILLAUME, M.
C.S.T.C. TRIM. VOL 15. NO1 P4-16 15 FIGS. 10 TABS 3 REFS. #DATE 01:03:1980 IN FRENCH BSRIA J

#NO 551 EXPERIMENTAL CHARATERISATION OF VENTILATION SYSTEMS IN BUILDINGS.
DRIVAS P.J. SIMMONDS P.G. SHAIR F.H.
ENV. SCI. & TECH. VOL.6 NO.7 P.609-614. 10 FIGS. 19 REFS. #DATE 01:07:1972 IN ENGLISH AIC 221

#NO 552 WALL THERMOGRAPHY
FISHBURN D.
SPEC. ASOC. VOL 20 NO 2. MARCH/APRIL 1978 P17-20 #DATE 01:03:1978 IN ENGLISH. AIC 223.

#NO 553 A SPIRE ARRAY FOR GENERATING THICK TURBULENT SHEAR LAYERS FOR NATURAL WIND SIMULATION IN WIND TUNNELS
STANDEN N.M.
NATIONAL RESEARCH COUNCIL CANADA. NATIONAL AERONAUTICAL ESTABLISHMENT REPORT NO. LTR-LA-94, 18P. 15 FIGS 7 REFS. #DATE 01:05:1972 IN ENGLISH AIC 224

#NO 554 MEASURED ENERGY CONSUMPTION OF A GROUP OF LOW-ENERGY HOUSES.
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THE AIR INFILTRATION CENTRE was inaugurated through the International Energy Agency and is funded by eight of the member countries:

Canada, Denmark, Italy, Netherlands, Sweden, Switzerland, United Kingdom and United States of America.

The primary role of the Air Infiltration Centre is the technical support of active research in air infiltration in buildings. Its main aim is to bring the prediction of air infiltration rates and the associated energy implications up to a level comparable with that developed for other energy transfer processes in buildings.

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