

ACRONYMS AND ABBREVIATIONS

AD	Analytically Derived
ADL	Arthur D. Little, Inc.
ADP	Adjusted Dew Point
AEC	Annual Energy Consumption
AEO	Annual Energy Outlook
AHAM	Association of Home Appliance Manufacturers
ANOPR	Advance Notice of Proposed Rulemaking
ANSI	American National Standards Institute
ARI	Air-Conditioning and Refrigeration Institute
AS	Australian Standard
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
BLAST	Building Loads Analysis System Thermodynamics
BOM	Bill of Materials
BT	Building Technologies
Btu	British Thermal Units
CAIR	Clean Air Interstate Rule
CAPM	Capital Asset Pricing Model
CBECS	Commercial Buildings Energy Consumption Survey
CDEC	Calculated Daily Energy Consumption
CEC	California Energy Commission, Compressor Energy Consumption
CEE	Consortium for Energy Efficiency
CFC	Chlorofluorocarbon
CFR	Code of Federal Regulations
CIMS	Canadian Integrated Modeling System
CIP	Conservation Improvement Program
CIR	Current Industrial Report
CMER	Consumer Marginal Energy Rates
CO ₂	Carbon Dioxide
COGS	Cost of Goods Sold
COP	Coefficient of Performance
CPUC	California Public Utilities Commission
CRE	Commercial Refrigeration Equipment
CRMD	Commercial Refrigerator Manufacturers Division (ARI)
CSA	Canadian Standards Association
CSL	Candidate Standard Level
CUAC	Commercial Unitary Air Conditioners and Heat Pumps
DAT	Discharge Air Temperature
DC	Direct Current
DOE	Department of Energy
DOJ	Department of Justice
ECM	Electronically Commutated Permanent Magnet
EERE	Energy Efficiency and Renewable Energy

EER	Energy Efficiency Ratio
EEV	Electronic Expansion Valve
EFS	Existing Display Floor Space
EHD	Electrohydrodynamic
EIA	Energy Information Administration
EPA	Environmental Protection Agency
EPACT 2005	Energy Policy Act of 2005
EPCA	Energy Policy and Conservation Act
EPR	Evaporator Pressure Regulator
ERP	Equity Risk Premium
EUI	Energy Use Intensity
FEMP	Federal Energy Management Program
FMI	Food Marketing Institute
FR	Federal Register
G&A	General and Administrative
GRIM	Government Regulatory Impact Model
GW	Gigawatt
HARDI	Heating, Air-Conditioning & Refrigeration Distributors International
HCFC	Hydrochlorofluorocarbon
HVAC	Heating, Ventilating and Air-Conditioning
IAT	Integrated Average Temperature
IMBUILD	Impact of Building Energy Efficiency Programs
IMPLAN	Impact Analysis for Planning
ImSET	Impact of Sector Energy Technologies
INPV	Industry Net Present Value
IPCC	International Panel on Climate Change
kWh	Kilowatt Hours
LCC	Life-Cycle Cost
LED	Light-Emitting Diode
LSHX	Liquid-Suction Heat Exchanger
MEPS	Minimum Energy Performance Standards
MIA	Manufacturer Impact Analysis
MLP	Manufacturer List Price
MPC	Manufacturer Production Cost
MSP	Manufacturer Selling Price
MTA	Market and Technology Assessment
PNNL	Pacific Northwest National Laboratories
NAECA	Appliance Energy Conservation Act
NAICS	North American Industry Classification System
NECPA	National Energy Conservation Policy Act
NEMS	National Energy Modeling System
NES	National Energy Savings
NFS	New Construction Floor Space
NIA	National Impacts Analysis
NOPR	Notice of Proposed Rulemaking
NO _x	Oxides of Nitrogen

NPV	Net Present Value
NRCan	Natural Resources Canada
OEM	Original Equipment Manufacturer
OMB	Office of Management and Budget
PBA	Principal Building Activities
PBP	Payback Period
PG&E	Pacific Gas and Electric
PHAC	Plumbing, Heating, and Air-Conditioning
PPE	Plant, Property, and Equipment
PPI	Producer Price Index
PSC	Permanent Split Capacitor
Quad	Quadrillion Btu
R&D	Research and Development
RIA	Regulatory Impact Analysis
RPBP	Rebuttable Presumption Payback Period
S&P	Standard and Poor's
SBA	Small Business Administration
SCE	Southern California Edison
SCT	Saturated Condenser Temperature
SDG&E	San Diego Gas and Electric
SEC	Securities and Exchange Commission
SEDS	State Energy Consumption, Price, and Expenditure Estimates
SET	Saturated Evaporator Temperature
SG&A	Sales, General, and Administration Expenses
SO ₂	Sulfur Dioxide
TDA	Total Display Area
TEC	Total Energy Consumption
TMY	Typical Meteorological Year
TSD	Technical Support Document
TSL	Trial Standard Level
TWh	Terawatt hours
TXV	Thermostatic Expansion Valve
UEC	Unit Energy Consumption
U.S.C.	United States Code
V	Volume
W	Watts
WACC	Weighted Average Cost of Capital

EQUIPMENT CLASS DESIGNATIONS FOR COMMERCIAL REFRIGERATION EQUIPMENT

Equipment Families

VOP	Vertical without Doors
SVO	Semi-Vertical without Doors
HZO	Horizontal without Doors
SOC	Service Over Counter
VCT	Vertical with Transparent Doors
HCT	Horizontal with Transparent Doors
VCS	Vertical with Solid Doors
HCS	Horizontal with Solid Doors

Condensing Unit Configuration

RC	Remote Condensing Unit
SC	Self-Contained Condensing Unit

Rating Temperature

M	Refrigerator (“Medium Temperature”), 38 °F
L	Freezer (“Low Temperature”), 0 °F
I	Ice-Cream Freezer (“Ice-Cream Temperature”), -15 °F

Equipment classes are defined as a combination of a equipment family, condensing unit configuration and rating temperature. For example, “VOP.RC.M” is a vertical display refrigeration case without doors using a remote condensing unit for medium temperature applications.