2007

MA333M — REFRIGERATION, AIR CONDITIONING, AND WARM AIR HEATING EQUIPMENT

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of survey

This survey covers firms engaged in the manufacture of refrigeration, air conditioning equipment, and nonelectric warm air furnaces.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact listed on the report form or write to the U.S. Census Bureau for additional forms.

a. Quantity and value of shipments

The figures on quantity and value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges, and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments.

For each product shipped, enter the exact description and the four-digit item code number as indicated in the product reference list. Each code should be reported separately. Do not combine product lines.

b. Columnar structure of report

When posting your figures to the original report, please be sure to report information in the correct columns. These are:

Column 1 — Shipments, quantity Column 2 — Shipments, value

Except:

Item codes 5135—5145 — Report column 2; value only.

Miscellaneous heat transfer equipment shipments should be reported as value only.

Item codes 9905—9990 — Report column 1; quantity only.

Production of compressor bodies assembled include manufactured and remanufactured units. Compressor bodies should be reported only by companies that assemble the machined compressor casting with the components necessary to make a complete compressor or motor-compressor assembly.

Compressor bodies which may be used with more than one size of motor should be reported on the basis of your best estimate of the motor horsepower with which they will be used.

3. Definitions

HEAT TRANSFER EQUIPMENT — A device for the transfer of heat from warmer to cooler regions.

Packaged terminal air-conditioners (item code 5101) — Packaged terminal air-conditioners are a wall sleeve and a separate unencased combination of heating and cooling assemblies intended for mounting through the wall. It includes a prime source of refrigeration, separable outdoor louvers, forced ventilation, and heating availability.

Packaged terminal heat pumps (item code 5103) — Packaged terminal heat pumps are a separate unencased refrigeration system installed in a cabinet of similar function and configuration to that of a packaged terminal air-conditioner. It utilizes reverse cycle refrigeration as its prime heat source and should have other supplementary heat source availability.

Evaporative condensers (item codes 5104—5107) — Condensing coil, spray system and pump (if furnished), a means for air circulation (including drive if furnished), and frame and enclosure. Report units on basis of refrigeration condensing tonnage at 40 degrees Fahrenheit suction, 105 degrees Fahrenheit condensing temperature, and 78 degrees Fahrenheit wet bulb entering air temperature, with normal air quantity through unit.

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DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

3. Definitions — Continued

HEAT TRANSFER EQUIPMENT — Continued

Room fan-coil air-conditioning units (item codes 5108—5110) — Room fan-coil air-conditioning units which are factory-made assemblies providing the functions of circulation, cooling, or cooling and heating, and filtering of air, but which do not include the source of cooling or heating. These devices are normally designed for free delivery of air into a room, but may be applied with minimal duct work having a static resistance generally not exceeding 1/4" of water. These devices may be designed for furred-in application, within the conditioned space. These devices are generally designed in sizes of less than 1500 CFM air delivery.

Room air-induction units (item codes 5111) — Room air-induction units consist of a cooling coil, or cooling and heating coil, and means for delivering preconditioned air (received under pressure from an external source, mixed with recirculated air) to the space being conditioned.

Central station air-handling unit (item codes 5113—5117) — A factory-made, encased assembly consisting of a fan or fans and the other necessary equipment to perform one or more of the functions of circulating, cleaning, heating, cooling, humidifying, dehumidifying, and mixing of air, but which does not include a source of heating or cooling. This device is capable of use with duct work of total static resistance of at least 1/4" of water. Include both indoor and outdoor units.

Unit coolers, refrigeration, all types (item codes 5119—5125) — Equipment in suitable enclosures with refrigerant or brine coils, fans, fan motor and drive, with or without refrigerant control, with or without sprays, pump, and defroster. This unit is also known as a forced air evaporator.

Report units based on normal air quantity at 10 degrees Fahrenheit temperature difference.

Air-cooled refrigerant condensers, remote-type (*item codes 5130—5134*) — Condensing coil, a means for air circulation (including drive if furnished), frame, and enclosure. Report the number and value of all condensers shipped, including those shipped with unitary air-conditioners and reciprocating liquid-chilling packages.

Report units based on normal air quantity at 30 degrees Fahrenheit temperature difference.

MISCELLANEOUS HEAT TRANSFER EQUIPMENT

Shell-and-tube, shell-and-coil, shell-and-U-tube, tube-in-tube condensers (item code 5135)

General — A water-cooled refrigerant condenser is a factory-made assembly of elements by which the flows of refrigerant vapor and water are maintained in such heat transfer relationship that the refrigerant vapor is condensed into a liquid.

Shell-and-tube refrigerant condenser — Refrigerant vapor is condensed either on the inside or on the outside of a group of straight parallel tubes within a closed shell, with the tubes terminating at each end in a tube sheet.

Shell-and-U-tube refrigerant condenser — Refrigerant vapor is condensed in a closed shell, with the cooling water circulated through a tube bundle consisting of U-tubes terminating in a single tube sheet.

Tube-in-tube refrigerant condenser — Consists of one or more assemblies of two tubes, one within the other, in which the refrigerant vapor is condensed either in the annular space or in the inner tube.

Shell-and-coil refrigerant condenser — Refrigerant vapor is condensed in a closed shell, with the cooling water circulated through one or more continuous or assembled coils contained within the shell.

Shell-and-tube, shell-and-coil, shell-and-U-tube, tube-in-tube liquid coolers (item code 5136)

General — A refrigerant-cooled liquid cooler is a factory-made assembly of elements in which the liquid and the refrigerant are in heat transfer relationship, causing the refrigerant to evaporate and the liquid to be cooled.

Shell-and-tube liquid cooler — Heat transfer is effected through a group of straight parallel tubes within a closed shell, the tubes terminating at both ends of the cooler.

Shell-and-U-tube liquid cooler — Heat transfer is effected through a U-tube bundle in a closed shell, the U-tubes terminating at one end of the cooler.

Tube-in-tube liquid cooler — Consists of one or more assemblies of two tubes, one within the other, in which the heat transfer is effected through the inner tube or tubes.

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DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

3. Definitions — Continued

MISCELLANEOUS HEAT TRANSFER EQUIPMENT — Continued

Shell-and-coil liquid cooler — Heat transfer is effected through one or more continuous or assembled coils contained within a closed shell.

Liquid-suction heat exchangers and refrigerant liquid receivers (item code 5137)

Liquid-suction heat exchanger — A device used to transfer heat from the refrigerant liquid to the suction gas. Such devices may be of the following types: shell-and-coil, tube-in-tube, finned-tube-in-tube, etc.

Refrigerant liquid receiver — Vessel, permanently connected to a refrigerant system by inlet and outlet pipes, for storage of a liquid refrigerant.

Central system finned coils, air-conditioning and refrigeration type, used with but not including means for air circulation (item codes 5138—5140) — One or two row coils are considered as "heating only" coils. Three or more row coils are considered as "cooling and/or heating" coils. Report those central system finned cooling and heating coils that are intended for field installations and are used with, but not including, air circulation means. Do not report the value of those coils included in central station air-conditioning units.

OEM coil sales intended for resale or assembly into equipment by other manufacturers (all types) (item codes 5142—5144) — Report shipments of coils to "private-branders" and OEM accounts. Report those finned coils that are intended for resale or for assembly into equipment by other manufacturers. Do not report the value of those coils that are manufactured by you and are (1) included in a central station unit, or (2) incorporated into another product of your manufacture. Essentially, you should report the shipment of a coil, when it has left your factory as a coil.

Factory-assembled, refrigeration type, finned gravity coils including wetted-surface dehumidifiers (item code 5145) — Report all types of (a) flat or shaped plate surface-type heat exchangers for use with volatile refrigerants, eutectic solutions, or brine, and (b) extended surface heat exchangers consisting of tube or pipe prime surface and finned secondary surface, generally used for refrigeration in either frosted or not frosted operation, and usually without forced circulation of the substance being refrigerated. These include bunker and gravity-type

evaporators. *Do not report* steel pipe fin coils that are sold in lengths for field assembly.

Wetted-surface dehumidifiers — Dehumidifiers consisting of a suitable enclosure containing cooling coils, means for liquid spray over the cooling coils and tank, but without means for air circulation provided as an integral part of the unit. The unit may include a recirculating water pump, eliminator plates and inlet deflectors.

Centrifugal liquid-chilling packages (item codes 5147—5153) — Factory-made assemblies of one or more centrifugal or screw compressors, condensers, liquid coolers, controls, component parts, with motor compressor (if hermetic), or without drive or prime mover (if open).

The hermetic centrifugal horsepower should be the maximum brake horsepower for which the motor is rated. Report according to the maximum horsepower for which it is rated for water-chilling or brine-chilling.

The open centrifugal horsepower should be the maximum brake horsepower for which the motor or turbine drive, to which the machine is intended to be connected, is rated.

Include the following items in your reported sales price — motor-compressor (if hermetic), motor or turbine (if shipped with open-type), cooler, economizer, condenser, water connections and water passes, control console, purge, fastenings, and couplings, freight, and initial charge of refrigerant and oil.

Do not include the following items in your reported sales price — engineering and drafting time, time and expense of person to advise on testing and instruction, main electric starter, main disconnect switch, starter for oil pump, insulation, water pressure gauges and thermometers, and digging and labor.

Ice-making machines (item codes 5162—5172) — A factory-made assembly (not necessarily shipped in one package) consisting of a condensing unit and ice-making section operating as an integrated unit, with means for making and harvesting ice. It may also include means for storing or dispensing ice, or both.

Self-contained model (*item codes 5162—5170*) — A model in which the ice-making mechanisms and storage compartment are in an integral cabinet.

Absorption refrigeration and dehydration systems (item code 5174)

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DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

3. Definitions — Continued

MISCELLANEOUS HEAT TRANSFER EQUIPMENT — Continued

Absorption liquid-chilling systems — Report only those systems of 25 tons and over which cool and dehumidify the air by means of cold contact surface in the same manner as a compression system. (This is the closed-type absorption system.)

Absorption refrigeration cycles usually include a generator, condenser, evaporator, and absorber, and solution pump or equivalent.

Absorption system — A system utilizing the process by which gas is taken up by the capillaries and extended surface of a porous material. Report each factory-made or factory-assembled system or any elements purchased and included in a system for dehydration or absorption by chemical or physical absorption means, except duct work such as may be installed for circulation of the dehydrated air. The open-type absorption system dehumidifies by bringing the air into direct contact with the absorbent. Do not include refrigeration systems for drying by means of heat.

Mechanical refrigeration systems (*item code 5178*) — Mechanical refrigeration systems consist of an assembly of refrigeration compressor apparatus with suitable power source for use when the vehicle is in motion or not in motion; means for air-cooling and dehumidification; means for air circulation, ventilation, and air-cleaning; interconnecting refrigerant piping; and refrigerant and temperature control apparatus, for mounting on the vehicle. The system may or may not have provision for heating.

Reciprocating liquid-chilling packages (item codes 5187—5190)
— Reciprocating liquid-chilling package is a factory-made assembly of one or more reciprocating compressors, condensers, and water or brine coolers, with interconnections, base, and accessories, and may be furnished with or without refrigerant, drive, and prime mover.

Factory fabricated water-cooling towers (item code 5192) — Factory fabricated cooling towers are those towers which are prefabricated by the manufacturers, and shipped either as a factory-assembled section (i.e., cell) or as major components (e.g., casing, fan, precut fill) for assembly at the site of the installation. In cases where sections (i.e., cells or modules) are combined to form a single larger tower, report as one tower in the size classification that pertains to the total capacity of the tower. Report based on nominal tons according to the catalog ratings by your company.

Mechanical drinking water cooler (*item code 5343*) — A factory-made assembly, in one structure, which includes a complete mechanical refrigerating system, and which has the primary function of cooling potable water, and also provides for dispensing such water, by either integral or remote means, or both

REFRIGERATION CONDENSING UNITS (COMPLETE) (item codes 5520—5580) — Include units for household refrigerators and freezers.

Hermetic-type condensing unit — A hermetic-type (sealed) condensing unit is a specific refrigerating combination for a given refrigerant, consisting of a compressor and a motor, both of which are enclosed in the same housing, with no external shaft or shaft seal, the compressor motor operating in the refrigerant atmosphere, a condenser, a liquid receiver (when required), and the regularly furnished accessories.

The compressor and compressor motor housing may be either the fully welded or brazed type, or of the service-sealed type.

Report units for all refrigerants except ammonia. Report each unit according to the maximum horsepower for which it is cataloged corresponding to ARI group's 1 to 9 conditions. Combination air- and water-cooled condensing units should be reported as water-cooled condensing units. Evaporatively-cooled condensing units should be reported as air-cooled condensing units.

Open-type condensing unit — A specific refrigerating combination for a given refrigerant, consisting of a compressor with an extended shaft for an external drive, a condenser, a liquid receiver (when required), and the regularly furnished accessories. Report units for all refrigerants, except ammonia, shipped with or without a motor. Report each unit according to the maximum horsepower for which it is cataloged, corresponding to ARI group's 1 to 9 conditions. Combinations of air-and water-cooled condensing should be reported as water-cooled condensing units. Evaporatively-cooled condensing units should be reported as air-cooled condensing units.

ROOM AIR-CONDITIONERS AND DEHUMIDIFIERS (All types, including consoles)

Electrically operated dehumidifiers, mechanically refrigerated, self-contained (*item code 5611*) — A dehumidifier of this type is a factory-made assembly of a condensing unit and means for aircirculation, dehumidification, and condensate collection. Exclude absorption systems.

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DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

3. Definitions — Continued

ROOM AIR-CONDITIONERS AND DEHUMIDIFERS (All types, including consoles) — Continued

Packaged room air-conditioners (all types, including consoles) (*item codes 5639—5670*) — Report quantity and value of shipments of all types of room air-conditioners by Btu/hr rating. Exclude unitary air-conditioners.

Motor vehicle air-conditioning systems (item codes 5701—5703) — Report all types of units and systems which are intended for installation in passenger automobiles in item code 5701. Report all types of units and systems which are intended for installation in buses in item code 5702. Report all types of units and systems which are intended for installation in other vehicles (including trucks, construction and agricultural machinery) in item code 5703.

COMPRESSORS AND COMPRESSOR UNITS (item codes 5815—5858) — Includes units for household refrigerators and freezers. Include manufactured and remanufactured units. Report the number of compressors shipped only if they are shipped separately and not incorporated into a condensing package or unitary end-use product (such as a single package air-conditioner, display case, freezer, or commercial refrigerator). Also include shipments of replacement units that are not in warranty.

Compressors which may be used with more than one size of motor should be reported on the basis of your best estimate of the motor horsepower with which they will be used.

Hermetic-type motor compressor — A hermetic-type (sealed) motor compressor and/or power unit consists of a mechanical compressor and a motor, both of which are enclosed in the same housing with no external shafts or shaft seals, the motor operating in the refrigerant atmosphere, and using a refrigerant other than ammonia.

Open-type compressor — An open-type compressor (with or without motor) is a specific machine for compressing a given refrigerant vapor consisting of a compressor with an extended shaft for an external drive.

Ammonia compressor — A compressor in which increase in ammonia vapor pressure is attained by changing the internal volume of the compression chamber.

Report units with or without base and accessories, but not including condenser or refrigerant receiver. Report

each unit according to the maximum horsepower for which it is cataloged corresponding to ARI group's 1 to 10 conditions.

Do not report motor compressors used in your condensing units or in your unitary equipment (e.g., room airconditioners, freezers, and water coolers).

WARM AIR FURNACES AND HUMIDIFIERS

Warm air furnaces (item codes 6104—6119)

Warm air furnace — A device for the transfer of heat, generated by the combustion of fuel within the device, or by radiation from an electric heating element, to air that flows between the combustion chamber and an outer enclosure to pipes or ducts that carry the heat to the desired location. In a gravity air flow furnace the warm air rises by gravity. In a forced air furnace the warm air is circulated by a motor-driven blower.

In reporting value, accessory equipment shipped with the furnace, such as blowers, burners, etc., should be included in the value of the furnace.

Exclude oil or gas-fired furnaces sold as component parts of "year-round air-conditioning units." Such units should be included in item codes 6250—6262.

Humidifiers (attachments to warm air furnaces) (item code 6120) — Furnace or duct-mounted humidifiers may be installed in the supply or return-air plenum of a residential warm air furnace or in a supply or return-air duct of a warm air heating system. *Include* power, nonpower and self-contained types. *Exclude* portable as these are classified in industry 3634, electric housewares and fans.

UNITARY AIR-CONDITIONERS

Recreational vehicle air-conditioners (item code 6210) — An air-conditioner designed for application to a recreational vehicle, as defined in American National Standard for Recreational Vehicles (American National Standards Institute Standard A119.2) (NFPA 501C), and which consists of one or more factory-made assemblies which normally include an evaporator or cooling coil, a compressor and condenser combination, and may include a heating function as well. Where such equipment is provided in more than one assembly, the separated assemblies shall have been designed to be used together, and the requirements of rating outlined in this standard are based upon the use of matched assemblies.

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DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

3. Definitions — Continued

UNITARY AIR-CONDITIONERS — Continued

Air-conditioners, except room, including remote condenser type (item codes 6231—6249) — Report as single package air-conditioners, factory-made assemblies of one or more condensing units or absorption refrigeration units having means for air circulation, ventilation, air-cleaning, air-cooling, and dehumidification. These units may include or have provision for the addition of heating coils and means for humidifying and control of temperature. Exclude year-round single package air-conditioners and single package air source heat pumps.

Year-round air-conditioners, single package and remote condenser type, except heat pumps (item codes 6250—6262) — Factory-made assemblies of one or more condensing units or absorption refrigeration units, a heatgenerating unit (such as electric, gas, or oil-fired furnace), and means for air-cooling, dehumidifying, heating, cleaning, and forced circulation of air through a duct system, which may also have means for humidifying and control of temperature. Report only those units that are assembled or are designed to be assembled in a single unit (within a single factory-made enclosure). Do not report equipment having separate cooling and heating units connected only by duct work. Do not report heat pumps or air-conditioners designed for "free-air" delivery such as room air-conditioners and packaged terminal airconditioners. Report year-round roof-top units in this category. Do not report "cooling only" roof-top units which are to be reported under the single package airconditioner category.

Water source heat pump (item code 6271) — Is typically one of multiple units using fluid circulated in a common piping loop as a heat source/heat sink. It consists of one more factory-made assembly which normally includes an indoor conditioning coil with air moving means, compressor(s), including means to provide both cooling and heating functions. When such equipment is provided in more than one assembly, the separate assemblies shall be designed to be used together, and the requirements of rating outlined in the standard are based upon the use of matched assemblies.

Split system air-conditioning condensing units (item codes 6272—6287) — Units which are assembled in factory-made enclosures and consist of a motor-driven compressor, a condenser, and may include a liquid receiver. Report only those units which are intended for air-conditioning purposes and will be installed remotely

from the evaporator and require field connection of refrigerant lines. Also report those factory-charged units in which the condensing unit and the evaporator coil are connected by flexible tubing. Report the evaporator coil in the appropriate coil section.

Split system air-conditioning coil with blower (*item code* 6288) — Factory-made assemblies of a coil (supplied with cooling media from an external source) with means for air circulation, and those which may have provision for the introduction of outside air.

Split system air-conditioning coil without blower (item code 6289) — Factory-made assemblies which include only a coil (supplied with cooling media from an external source) without circulating fan, for use with heating equipment incorporating a fan. Include coils used in either a split air-conditioning or a split heat pump section.

HEAT PUMPS

Air source heat pumps, except room air-conditioners — A heat pump that transfers heat from outdoor air to an indoor air circulation system.

Single package (item codes 6301—6304) — Report as single package air source heat pumps, factory-made assemblies of one or more condensing units and evaporators and means for air circulation, ventilation, and cleaning with provision for modifying the performance so that either heating or cooling and dehumidification may be produced. Report in this category only those units that are assembled in a single unit (within a single factory-made enclosure). Report those room air-conditioners which embody the heat pump principal under room air-conditioners.

Split systems (item codes 6305—6308) — Report as split systems air source pumps all of those units which have the coil located remotely from the equipment described above. Report the indoor coil in the appropriate coil section below.

Ground and ground water source heat pumps (item code 6319) — Typically uses water pumped from a well, lake, or stream as a heat source/heat sink. It consists of one or more factory-made assemblies which normally include an indoor conditioning coil with air moving means, compressor(s), and refrigerant-to-water or refrigerant-to-fluid heat exchanger(s) including the means to provide both cooling and heating, cooling only, or heating only functions.

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DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

4. Comparability

Data reported in this survey should correspond to data reported in the Economic Census - Manufacturing Sector form. The sum of values for item codes shown in column (a) should correspond to dollar values reported under product codes indicated in column (b) below.

Current Industrial Reports (Form MA333M)	Economic Census - Manufacturing Sector
Item code (a)	Product codes (b)
5199	3334152100
5343	3334153146
5599	3334155100
5699	3334156100
5705	3363917100
5859	333415A100
5869	336391B100
6199	333415C100
6299	333415E100
6309	333415F100
6319	333415G100

REFERENCE LIST

FORM MA333M	REFR	RIGERATION, AIR CONDITIONING, AND WARM AIR HEATING EQUIPMENT
Product code	Item code	Item description
		HEAT TRANSFER EQUIPMENT
3334152101	5101	Packaged terminal air-conditioners
3334152103	5103	Packaged terminal heat pumps
3334152105 3334152107	5104 5107	Evaporative condensers 100 tons and under Over 100 tons
3334152109 3334152111 3334152113	5108 5109 5110	Room fan-coil air-conditioning units Vertical stack Vertical Horizontal
3334152115	5111	Room air-induction units
3334152117 3334152119 3334152121	5113 5115 5117	Central station air-handling units (motor-driven fan-type) Draw through Blow through Heating and ventilating
		Coolers (refrigeration)
3334152123 3334152125 3334152127 3334152129 3334152131 3334152133	5119 5121 5122 5123 5124 5125	Ceiling, wall-mounted, and floor-mounted unit coolers 4,000 Btuh and below 4,001–6,000 Btuh 6,001–8,000 Btuh 8,001–12,000 Btuh 12,001–18,000 Btuh Over 18,000 Btuh
3334152135 3334152137 3334152139	5130 5132 5134	Air-cooled refrigerant condensers (remote-type) Under 30 tons 30 to 50 tons Over 50 tons
		Miscellaneous heat transfer equipment
3334152141 3334152143	5135 5136	Shell-and-tube, shell-and-coil, shell-and-U-tube, tube-in-tube Condensers Liquid coolers
3334152145	5137	Liquid-suction heat exchangers and refrigerant liquid receivers
3334152147 3334152149 3334152151	5138 5139 5140	Central system finned coils, air-conditioning and refrigeration type, used with but not including means for air circulation Standard steam and steam distributing tube Standard water cooling and/or heating and cleanable tube water Volatile refrigerant cooling
3334152153 3334152155 3334152157	5142 5143 5144	OEM coil sales intended for resale or assembly into equipment by other manufacturers (all types) Copper and aluminum Aluminum (only) Other (including steel, copper)
3334152159	5145	Factory-assembled, refrigeration type, finned gravity coils including wetted-surface and dehumidifiers (Do not duplicate coils)

FORM MA333M		
Product	Item	
code	code	Item description
		HEAT TRANSFER EQUIPMENT — Continued
3334152161 3334152163 3334152165 3334152167	5147 5149 5150 5153	Centrifugal liquid-chilling packages, hermetic and open types 200 hp and under 201–300 hp 300–400 hp Over 400 hp
3334152169 3334152171	5162 5164	Ice-making machines Self-contained ice-cube maker Automatic, under 200 lbs. Automatic, 200 lbs. and over Self-contained flake or chip machines
3334152173 3334152175 3334152177 3334152179	5168 5170 5171 5172	300 lbs. and under Over 300 lbs. Not self-contained Combination ice makers and ice/drink dispensers
3334152181 3334152183	5174 5178	Absorption refrigeration and dehydration systems Mechanical refrigeration systems used on all types of vehicles
3334152185 3334152187 3334152189 3334152191	5187 5188 5189 5190	Reciprocating air and reciprocating water cooled, air cooled screw, air cooled scroll, and water cooled scroll machines: 20 hp and under 21–49 hp 50–75 hp Over 75 hp
3334152193	5192	Factory-fabricated water-cooling towers
3334152100	5199	Total Heat Transfer Equipment (Sum of item codes 5101–5192)
3334153146	5343	COMMERCIAL MECHANICAL REFRIGERATED DRINKING WATER COOLERS (INCLUDING BOTTLE DRINKING WATER COOLERS)
		REFRIGERATION CONDENSING UNITS (COMPLETE) (for all refrigerants excluding ammonia, including units for household refrigerants and freezers)
3334155123 3334155125 3334155128 3334155130 3334155132	5520 5525 5528 5530 5532	Air-cooled hermetic-type 1 hp and under 1.5 hp 2 hp and 2.5 hp 3 hp Over 3 hp but under 15 hp
3334155144	5544	Water-cooled hermetic-type, under 15 hp
3334155161 3334155163 3334155165 3334155167 3334155170 3334155180	5561 5562 5563 5564 5570 5580	Water or air-cooled hermetic type 15 hp 20 hp 25 hp 30 hp 40 hp and over Water or air-cooled open-type (all sizes)
3334155100	5599	Total Refrigeration Condensing Units (Sum of item codes 5520–5580)

FORM MA333M		
Product code	Item code	Item description
		ROOM AIR-CONDITIONERS AND DEHUMIDIFIERS (including consoles; excluding portable
3334156111	5611	dehumidifiers) Electrically operated dehumidifiers mechanically refrigerated, self-contained
		Room air conditioners (excluding unitary air conditioners)
3334156139	5639	7,999 Btuh and under
3334156142 3334156154	5642 5654	8,000–8,999 Btuh 9,000–12,999 Btuh
3334156160	5660	13,000–12,999 Btuh
3334156170	5670	20,000 Btuh and over
XXX	5691	Of total room air conditioners, how many were designed to operate on 115 volt circuits?
3334156100	5699	Total Room Air-Conditioners and Dehumidifiers (excluding portable dehumidifiers) (Sum of item codes 5611–5670)
0000047440	5704	MOTOR VEHICLE AIR-CONDITIONING SYSTEMS
3363917110 3363917120	5701 5702	Air-conditioning units and systems for passenger automobiles
3363917130	5702 5703	Air-conditioning units and systems for buses
3303917130	3703	Other motor vehicle air-conditioning systems (including trucks, construction, and agricultural machinery.
3363917100	5705	Total motor vehicle air-conditioning systems (Sum of item codes 5701–5703)
		COMPRESSORS AND COMPRESSOR UNITS, All Refrigerants (excluding Automotives)
		Refrigerants other than ammonia
		Hermetic-type motor compressors
333415A125	5815	Under 10 hp
333415A130	5830	15 hp
333415A132	5832	20 hp
333415A134	5834	25 hp 30 hp
333415A136	5836	40 hp and 50 hp
333415A139	5839	60 hp and over
333415A144	5844	oo np and over
333415A152	5852	Open-type compressors (with or without motors), all sizes
333415A154	5854	Screw type
333415A158	5858	Ammonia refrigerants, (all types)
333415A100	5859	Total compressors and Compressor Units (Sum of item codes 5811–5858)
336391B100	5869	Automotive air-conditioning compressors (open-type, with or without motor)

FORM MA333M		REFERENCE LIST — Continued
Product code	Item code	Item description
		WARM AIR FURNACES (INCLUDING DUCT FURNACES AND HUMIDIFIERS, AND ELECTRIC COMFORT HEATING).
333415C101 333415C105	6104 6105	Oil, forced air 150,000 Btuh Bonnet output and under 150,001 Btuh Bonnet output and over
333415C107 333415C109 333415C111	6107 6108 6109	Gas, forced air 150,000 Btuh Bonnet output and under 150,001–400,000 Btuh Bonnet output Over 400,000 Btuh Bonnet output
333415C179	6119	All other electric warm air furnaces
333415C181	6120	Humidifiers (attachments to warm air furnaces) all types (including central system and self-contained; excluding portable humidifiers)
333415C100	6199	Total Warm Air Furnaces and Humidifiers (Sum of item codes 6104–6120)
333415E105	6210	UNITARY AIR CONDITIONERS (EXCLUDING AIR SOURCE HEAT PUMPS) Recreational vehicle air-conditioners Single package air-conditioners, with or without evaporator fan (including chassis and remote condenser type)
333415E107 333415E109 333415E111 333415E113 333415E115 333415E117 333415E119 333415E121 333415E123 333415E123 333415E141	6231 6232 6233 6234 6235 6236 6237 6238 6239 6240 6241	Horizontal Under 27,000 Btuh 27,000–32,999 Btuh 33,000–53,999 Btuh 54,000–64,999 Btuh 65,000–96,999 Btuh 97,000–134,999 Btuh 135.000–184,999 Btuh 185,000–249,999 Btuh 250,000–319,999 Btuh 320,000–379,999 Btuh 380,000 Btuh and over
333415E142 333415E147 333415E149 333415E151 333415E153	6242 6245 6246 6247 6249	Other than horizontal Under 64,999 Btuh 65,000–96,999 Btuh 97,000–134,999 Btuh 135,000–184,999 Btuh 185,000 Btuh and over

FORM MA333M		
Product code	Item code	Item description
code	code	·
		UNITARY AIR CONDITIONERS (EXCLUDING AIR SOURCE HEAT PUMPS) — Continued
		Year-round air-conditioners, single package and remote-condenser type (excluding
		heat pumps)
333415E155	6250	Under 33,000 Btuh
333415E157 333415E159	6251 6252	33,000–38,999 Btuh
333415E161	6253	39,000–43,999 Btuh 44,000–53,999 Btuh
333415E163	6254	54,000–64,999 Btuh
333415E165	6255	65,000–134,999 Btuh
333415E167	6256	135,000–184,999 Btuh
333415E169	6257	185,000–249,999 Btuh
333415E171	6258	250,000–319,999 Btuh
333415E173 333415E175	6259	320,000–379,999 Btuh
333415E177	6260 6261	380,000–539,999 Btuh 540,000–639,999 Btuh
333415E179	6262	640,000 Btuh and over
333415E181	6271	Water source heat pumps (excluding room air-conditioners)
_		Split system air-conditioning condensing units
333415E182	6272	Under 22,000 Btuh
333415E183	6273	22,000–26,999 Btuh
333415E185 333415E187	6274 6275	27,000–32,999 Btuh
333415E189	6276	33,000–38,999 Btuh 39,000–43,999 Btuh
333415E191	6277	44,000–53,999 Btuh
333415E193	6278	54,000–64,999 Btuh
333415E195	6279	65,000–64,999 Btuh
333415E197	6280	97,000–134,999 Btuh
333415E199	6281	135,000–184,999 Btuh
333415E19A	6282	185,000–249,999 Btuh
333415E19C	6283	250,000–319,999 Btuh
333415E19E 333415E19G	6284 6285	320,000–379,999 Btuh
333415E19J	6286	380,000–539,999 Btuh 540,000–639,999 Btuh
333415E19L	6287	640,000 Btuh and over
333415E19M	6200	Split system air-conditioning coils
333415E19P	6288 6289	With blower
	0209	Without blower
333415E100	6299	Total Unitary Air-Conditioners, (excluding air source heat pumps) (Sum of item codes 6210–6289)
		HEAT PUMPS
		Air source heat pumps (excluding room air-conditioners)
		Single package
333415F123	6301	Under 27,000 Btuh
333415F134	6302	27,000–41,999 Btuh
333415F145 333415F156	6303 6304	42,000–64,999 Btuh
300 1101 100	0304	65,000 Btuh and over

REFERENCE LIST — Continued

FORM MA333M		
Product code	Item code	Item description
		HEAT PUMPS — Continued Air source heat pumps (excluding room air-conditioners) – Continued
333415F167 333415F178 333415F189 333415F195	6305 6306 6307 6308	Split systems Under 27,000 Btuh 27,000–41,999 Btuh 42,000–64,999 Btuh 65,000 Btuh and over
333415F100	6309	Total air source heat pumps (sum of item codes 6301–6308)
333415G100	6319	Ground and ground water source heat pumps (single and split systems)
		COMPRESSOR BODIES ASSEMBLED (Report quantity only for item codes 9905–9951; report number of items whether shipped separately or incorporated into a condensing package or unitary end-use product)
XXX XXX XXX XXX XXX XXX XXX XXX XXX XX	9905 9908 9909 9910 9911 9912 9913 9914 9915 9916 9917 9918 9919 9920 9921	For all refrigerants other than ammonia (including units for household refrigerators) Under 2 hp 2 hp 3 hp 4 hp 5 hp 7.5 hp 10 hp 15 hp 20 hp 25 hp 30 hp 40 hp 50 hp 60 hp 75 hp 100 hp and over
xxx	9931	Total all refrigerants other than ammonia <i>(Sum of item codes 9905</i> –9922)
XXX	9941	Ammonia refrigerants
xxx	9951	Automotive air-conditioning (including passenger automobiles, trucks, buses, and construction and agriculture machinery)
xxx	9990	Total Compressor Bodies Assembled (Sum of item codes 9931–9951)

NOTES:

10/30/07

30 Days After Receipt **DUE DATE:**

OMB No. 0607-0392: Approval expires 07-31-09

REPORT FOR CALENDAR YR 2007

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

FORM MA333M

CURRENT INDUSTRIAL REPORTS

REFRIGERATION, AIR CONDITIONING, AND WARM AIR HEATING EQUIPMENT Annual Report

If you have questions regarding this report form please contact:

BLYNDA METCALF EXT3 1(800)201-4647

EMPLOYER IDENTIFICATION (EI) NUMBER. Identification number used on Employer's Quarterly Federal Tax Return (U.S. Treásury Department Form 941) (Enter if not shown, correct if wrong.)

CONTACT PERSON (Enter information if not shown, correct if wrong.) Name ATTN: Controller

Area code

Number

Fax number

The 8-digit number that appears above indicates that the Office of Management and Budget has approved this survey. If that number is not displayed, do not complete this form. YOUR RESPONSE IS REQUIRED BY LAW {Title 13, United States Code}. By section 9 of the same law, YOUR REPORT IS CONFIDENTIAL. It may be seen only by persons sworn to uphold the confidentiality of Census Bureau information and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process,

In correspondence pertaining to this establishment's report, please refer to the 11 digit Identification Number (ID) 89100333310



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2007A1

MA333M

SEQ: 1

ATTN: Controller TEST FORM

TEST

99999-9999 DC

(Please correct any error in name and address including ZIP Code)

Enter or correct email address:[

]

FOR EACH ITEM LISTED BELOW, ENTER FIGURES OR "0" for current period. (The figures shown in the shaded areas were reported for the previous two periods.) PLEASE REFER TO THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT FORM.

ltem (Product code – Description)	Item code	Report period	TOT SHIPM QUANTITY {Number}	AL ENTS VALUE {Thousand Dollars}	{Do n purch your furth signi	ot report ased produ company pe er fabrica ficant ass	imported of cts on white rformed not tion or embly.}	r ch
3334152101-HEAT TRANSFER EQUIP.; packaged terminal	5101	2007	1	2	3	4	5	6
air-conditioners		2006		, in the second				
		2005						Same Sedical
3334152103-HEAT TRANSFER EQUIP.; packaged terminal	5103	2007		redistances	no de deservo de la constante	Overney-	***************************************	
heat pumps		2006						
		2005						
3334152105-HEAT TRANSFER EQUIP.; evaporative conden-	5104	2007		sommer control of the		The second secon		
sers, 100 tons and under		2006						
		2005						
3334152107-HEAT TRANSFER EQUIP, evaporative conden-	5107	2007			9			
sers, over 100 tons		2006						
		2005						

Figures not received when form was prepared. PLEASE ENTER, if not previously submitted.

Page

CURRENT INDUSTRIAL REPORTS - Continued 89100333310

					1 09			
PART I - Continued	ltem	Report	TOT SHIPM	AL ENTS	purch	ot report ased produ company pe er fabrica	cts on wh	ich
(Product code – Description)	code	period	QUANTITY {Number}	VALUE {Thousand Dollars}	signi	ficant ass	embly.}	
3334152109-HEAT TRANSFER EQUIP, room fan-coil AC	5108	2007	1	2	3	4	5.	6
units - vertical stack		2006						
		2005				·		
3334152111-HEAT TRANSFER EQUIP, room fan-coil AC	5109	2007		-decorations of the state of th	***************************************	and		- 1000
units - vertical		2006					14	. A
		2005			000000000000000000000000000000000000000	Noodal Market Ma	-	
3334152113-HEAT TRANSFER EQUIP, room fan-coil AC units - horizontal	5110	2007						
		2006			and the same of th	· · · · · · · · · · · · · · · · · · ·		
		2005		wice and the same of the same		Inglish Control of the Control of th		
3334152115-HEAT TRANSFER EQUIP, room air-induction units	5111	2007			uspipione services and services are services and services and services and services are services and services are services and services are services and services			
unitus		2006						
		2005				**************************************		
3334152117-HEAT TRANS.EQUIP.; central sta. air-handling units {motor driven	5113	2007		·				
fan-type} - draw through		2006			***************************************		1,334	
3334152119-HEAT TRANS.EQUIP.;	5115			Salar				
central sta. air-handling units {motor driven fan-type} - blow through		2007						
ran-type; brow through		2005						
3334152121-HEAT TRANS.EQUIP.; central sta. air-handling	5117	2007			**			-
units{motor driven fan-type} - heating & ventilating	,	2006						
	-	2005		· · · · · · · · · · · · · · · · · · ·				
3334152123-HEAT TRANS. EQUIP, ceiling, wall-mounted, and	5119	2007	_		Martin principal de la constanta de la constan			
floor-mounted unit coolers 4,000 Btuh and below		2006						
		2005						
3334152125-HEAT TRANS. EQUIP, ceiling, wall-mounted, and	5121	2007						
floor-mounted unit coolers 4,001-6,000 Btuh		2006						
		2005						
3334152127-HEAT TRANS. EQUIP ceiling, wall-mounted, and floor-mounted unit coolers	5122	2007						
6,001-8,000 Btuh		2006						
		2005						

CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued			89					
Item (Product code – Description)	Item code	Report period	TOT SHIPM QUANTITY {Number}	AL IENTS VALUE {Thousand Dollars}	purch your furth	ot report ased produ company pe er fabrica ficant ass	cts on wh rformed n tion or	1 ch
3334152129-HEAT TRANS. EQUIP ceiling, wall-mounted, and	5123	2007	1	2	3	4	5	6
floor-mounted unit coolers 8,001-12,000 Btuh		2006						-
		2005	tara kan jili ji dari		objejeno po pri di pri		oice and the second	auro.
3334152131-HEAT TRANS. EQUIP, ceiling, wall-mounted, and floor-mounted unit coolers	5124	2007	·					
12,001-18,000 Btuh		2006						
		2005		. A section				
3334152133-HEAT TRANS.EQUIP.; ceiling, wall-mounted, and floor-mounted unit coolers	5125	2007						
over 18,000 Btuh		2006						
		2005						
3334152135-HEAT TRANS.EQUIP.; air-cooled refrigerant con- densers {remote type} -	5130	2007			-	0.000	20 A S S S S S S S S S S S S S S S S S S	
under 30 tons		2006						
		2005						
3334152137-HEAT TRANS.EQUIP.; air-cooled refrigerant condensers {remote type} -	5132	2007		`				
30 to 50 tons		2006						
2004150100 U517 70100 50170		2005						
3334152139-HEAT TRANS.EQUIP.; air-cooled refrigerant condensers {remote type} -	5134	2007			***************************************		re-all-all-all-all-all-all-all-all-all-al	
over 50 tons		2006						
3334152141-Shell-&-tube, shell-&-coil, shell-&-U-	5135	2005	XXXXX				Labella de la constanta de la	
tube,tube-in-tube	3133	2006	XXXXX					
condensers		2005	XXXXX					
3334152143-Shell-& tube, shell-&-coil, shell-&-U-	5136	2007	XXXXX		***************************************	dident someone		
tube, tube-in-tube liquid coolers		2006	XXXXX					
		2005	XXXXX					
3334152145-Liquid-suction heat exchangers and	5137	2007	XXXXX				-	
refrigerant liquid receivers		2006	XXXXX					
		2005	XXXXX			No.		
3334152147-Central sys.finned coils, AC & refrig. type,	5138	2007	XXXXX					
<pre>standard steam & steam dis- tributing tube {see manual}</pre>		2006	XXXXX					
•		2005	XXXXX					

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

Identification Number (ID) (Enter if not shown, correct if wrong)

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CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued					L 09	4		
Item (Product code – Description)	Item code	Report period	TOT SHIPM QUANTITY {Number}		purch your furth	ot report ased produ company pe er fabrica ficant ass	cts on wh rformed na tion or	tch
3334152149-Central sys.finned	E120	2007	1	2	3	4	5	. 6
coils,AC & refrig. type, std water cooling/heating,clean-	5139	2007	XXXXX					
able tube water {see manual}		2005	XXXXX					
3334152151-Central sys.finned	5140	2007	VVVV		***	00 V	***	No.
coils, AC & refrig. type, volatile refrigerant cooling	5140	2007	XXXXX					
{see manual}		2005	XXXXX		-			
3334152153-0EM coil sales			\$	nico contratores			-	-
intend. for resale/assemb. into equip. by other mfrs	5142	2007	XXXXX		0000000			
{all types} - copper & alum.		2006	XXXXX	ecoción de la contraction de l	***************************************		and the second s	
3334152155-OEM coil sales intend.for resale/assemb.	5143	2005	XXXXX	Scientific Control of		Terronomental designation of the second seco		
into equip. by other mfrs {alltypes} - aluminum only		2006	XXXXX		- ·			
		2005	XXXXX					
3334152157-OEM coil sales intend.for resale/assemb.into	5144	2007	XXXXX					
<pre>eq.by other mfrs. all types} - other, incl. steel, copper</pre>		2006	XXXXX			vocation and a second		
	-	2005	XXXXX					
3334152159-Factory assemb. refrig.type, finned gravity coils incl. wetted-surface &	5145	2007	XXXXX					
dehumidifiers {see manual}		2006	XXXXX					
0004150461 WELT TRIVESSO	-	2005	XXXXX					
3334152161-HEAT TRANSFER EQUIP.;centrifugal liquid-	5147	2007			-	***************************************		***************************************
chilling pkgs, hermetic & open type 200 hp and under		2006						
		2005						
3334152163-HEAT TRANSFER EQUIP.;centrifugal liquid-	5149	2007			manare		***************************************	**************************************
chilling pkgs, hermetic & open type 201-300 hp		2006						
	:	2005						
3334152165-HEAT TRANSFER EQUIP.;centrifugal liquid-	5150	2007			sistement for the second secon		and in the second	***************************************
chilling pkgs, hermetic & open type 301-400 hp		2006						
,		2005			City Control of Contro			
3334152167-HEAT TRANSFER EQUIP.;centrifugal liquid-	5153	2007						
chilling pkgs, hermetic & open type over 400 hp		2006						
		2005						

CURRENT INDUSTRIAL REPORTS - Continued						shown, correct if wrong)			
	89	5							
PART I – Continued Item (Product code – Description)	ltem code	Report period	TOT SHIPN QUANTITY {Number}	AL IENTS VALUE {Thousand Dollars}	purch your furth	ot report ased produ company pe er fabrica ficant ass	cts on who rformed no tion or	ch	
3334152169-HEAT TRANSFER EQUIP.;self-contained ice- cube makers, automatic, under 200 lbs.	5162	2007	1	2	3	4	5	6	
3334152171-HEAT TRANSFER		2005			•				
EQUIP.;self-contained ice- cube makers, automatic, 200 lbs. & over	5164	2007 2006 2005							
3334152173-HEAT TRANSFER EQUIP.;self-contained flake or chip ice-making machines	5168	2007			MARKET TO THE PROPERTY OF THE				
300 lbs. & under 3334152175-HEAT TRANSFER		2005			200 A CONTRACTOR OF THE CONTRA				
EQUIP.;self-contained flake or chip ice-making machines over 300 lbs.	5170	2007							
3334152177-HEAT TRANSFER EQUIP.;ice-making machines not self-contained	5171	2005							
3334152179-HEAT TRANSFER		2006							
EQUIP.;combination ice makers and ice/drink dispensers	5172	2007 2006 2005							
3334152181-HEAT TRANSFER EQUIP.; absorption refriger- ation & dehydration systems	5174	2007							
		2006							
3334152183-HEAT TRANSFER EQUIP.;mechanical refriger- ation systems used on all types of vehicles	5178	2007 2006							
RECIP. AIR & RECIP. WATER		2005							
COOLED, AIR COOLED SCREW, AIR COOLED SCROLL & WATER COOLED SCROLL MACHINES									
3334152185- 20 hp and under	5187	2007							
		2005							

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CURRENT INDUSTRI	ALKE	ea	89	6				
Item (Product code – Description)	ltem code	Report period	TOT SHIPM QUANTITY {Number}	AL IENTS VALUE {Thousand Dollars}	purch your furth	ot report ased produ company pe er fabrica ficant ass	cts on wh rformed n tion or	i ch
3334152187-			1 1	2	3	4	5	6
21 hp - 49 hp	5188	2007			· ·		**************************************	
		2005			ON THE PROPERTY OF THE PROPERT			
3334152189- 50 hp - 75 hp	5189	2007		The second secon	All accounts (Annatons 60)		77	in and a second
30 Hp = 73 Hp	3109	2006			***************************************	·		***************************************
		2005						
3334152191- over 75 hp	5190	2007			22.944.000.000.000		and the same of th	A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-
		2006						NA CONTRACTOR OF THE CONTRACTO
		2005						
3334152193-HEAT TRANSFER EQUIP.; Factory-fabricated	5192	2007		· · · · · · · · · · · · · · · · · · ·	ronnida	· · · · · · · · · · · · · · · · · · ·	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	novine de la constante de la c
water-cooling towers		2006						
		2005		***				
3334152100-Total heat transfer equipment, COLUMN 2	5199	2007	XXXXX		- Control of the Cont		****	réason de la company de la com
ONLY {sum of 5101-5192}		2006	XXXXX		-	none de la companya d		
		2005	XXXXX				anació (noncentra)	
3334153146-Commerical mechanical refrig. drinking	5343	2007					000000000000000000000000000000000000000	-
<pre>water coolers{includ. bottle drinking water coolers}</pre>		2006		• •				
0004455400		2005						
3334155123-Condensing units {complete} for all refriger-	5520	2007			waxaa aa	***************************************	7	and construction of the co
<pre>ants ex. ammonia, air-cooled hermetic-type; 1 hp & under</pre>		2006						
2224155105 Condonains white		2005						
3334155125-Condensing units {complete} for all refrigerants ex. ammonia, air-cooled	5525	2007					**************************************	
hermetic-type; 1.5 hp		2006						
3334155128-Condensing units		2005						
{complete} for all refrigerants ex. ammonia, air-cooled	5528	2007						Total Control of the
hermetic-type; 2 hp & 2.5 hp		2006						
3334155130-Condensing units		2005						Account of the second of the s
{complete} for all refriger- ants exc.ammonia, air- cooled, hermetic-type; 3 hp	5530	2007					· ·	
		2006						
		2005						

CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued								
Item (Product code – Description)	ltem code	Report period	TOT SHIPM QUANTITY {Number}		purch your furth	ased produ	imported of cts on whe rformed no tion or embly.	ch
3334155132-Condensing units {complete} for all refriger-	5532	2007	1	2	3	4	5	6
ants ex.ammonia, air cooled,	5532	2007	:				- Constant	. :
hermtype; 3 to under 15 hp		2005			nos .			
3334155144-Condensing units {complete} for all refrig.	5544	2007			-		- Annial Annia	
ex. ammonia, water-cooled hermtype, under 15 hp		2006						:
		2005		and the second	and distribution of the state o	o o consideration of the constant of the const		
3334155161-Condensing units {complete} for all refrig.	5561	2007				-		
ex. ammonia, water or air- cooled hermetic-type; 15 hp		2006						
		2005				ound in the second		4
3334155163-Condensing units {complete} for all refriger. ex. ammonia, water or air-	5562	2007				-		
cooled hermetic-type; 20 hp		2006					.9.	tyradia i
		2005	ti di kacamatan					
3334155165-Condensing units {complete} for all refrig. ex. ammonia, water or air-	5563	2007		:		and the state of t		
cooled hermetic-type; 25 hp	·	2006						
22241EE167 Condonaing units		2005						
3334155167-Condensing units {complete} for all refrig. ex. ammonia, water or air-	5564	2007					3000	
cooled hermetic-type; 30 hp		2006						
2024155172		2005		1 K. J. NATE TE				en e enjara e e
3334155170-Condensing units {compl.} for all refrig. ex.	5570	2007				Transition of the Control of the Con	***************************************	
ammonia, water or air-cooled hermtype; 40 hp & over		2006	·	124				
		2005						
3334155180-Condensing units {complete} for all refrig. ex. ammonia, water or air-	5580	2007		·	verification of the control of the c	971111111111111111111111111111111111111		
cooled open-type {all sizes}		2006						
		2005						
3334155100-Total refriger. condensing units {sum of items 5520-5580}	5599	2007						
		2006						
0004156111 57		2005						
3334156111-Electric. operated dehumidifiers mechanically refrigerated, self-contained	5611	2007						
{excl. portable dehumidifers		2006						
		2005						

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

Identification Number (ID) (Enter if not shown, correct if wrong)

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CURRENT INDUSTRIAL REPORTS - Continued

89100333310 ► PART I - Continued TOTAL {Do not report imported or SHIPMENTS purchased products on which your company performed no Report Item Item further fabrication or (Product code - Description) code period QUANTITY significant assembly. } VALUE {Thousand {Number} Dollars} 4 3334156139-ROOM AC'S {INCL. CONSOLES } EXCL. UNITARY: 5639 2007 7,999 Btuh & under 2006 2005 3334156142-ROOM AC'S {INCL. CONSOLES EXCL. UNITARY; 5642 2007 8,000-8,999 Btuh 2006 2005 3334156154-ROOM AC'S {INCL. 5654 CONSOLES | EXCL. UNITARY; 2007 9.000-12.999 Btuh 2006 2005 3334156160-ROOM AC'S {INCL. 5660 CONSOLES } EXCL. UNITARY; 2007 13.000-19.999 Btuh 2006 2005 3334156170-ROOM AC'S {INCL. CONSOLES EXCL. UNITARY: 5670 2007 20,000 Btuh & over 2006 2005 X X X -Of total room air cond. how many were designed 5691 2007 XXXXX to operate on 115 volt cir-2006 XXXXX cuits? 2005 XXXXX 3334156100-Total room AC's & 5699 dehumidifiers {exclud. port-2007 XXXXX able dehumidifiers} {sum of 2006 XXXXX items 5611-5670} value only 2005 XXXXX 3363917110-MOTOR VEHICLE AC SYSTEMS. AC units and 5701 2007 systems for passenger 2006 automobiles 2005 3363917120-MOTOR VEHICLE AC SYSTEMS, AC units for 5702 2007 buses 2006 2005 3363917130-MOTOR VEHICLE AC SYSTEMS, other 5703 2007 {see manual} 2006

CURRENT INDUSTRIAL REPORTS - Continued

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9 PART I - Continued TOTAL {Do not report imported or SHIPMENTS purchased products on which Item Item Report your company performed no further fabrication or (Product code - Description) code period QUANTITY VALUE significant assembly.} {Thousand {Number} Dollars} 4 3363917100-Total motor vehicle AC systems 5705 2007 {sum of items 5701-5703} 2006 2005 333415A125-Refrigerants other than ammonia, hermetic-type 5815 2007 motor compressors; 2006 under 10 hp 2005 333415A130-Refrigerants other than ammonia, hermetic-type 5830 2007 motor compressors; 15 hp 2006 2005 333415A132-Refrigerants other than ammonia, hermetic-type 5832 2007 motor compressors; 20 hp 2006 2005 333415A134-Refrigerants other than ammonia, hermetic-type 5834 2007 motor compressors; 25 hp 2006 2005 333415A136-Refrigerants other 5836 than ammonia, hermetic-type 2007 motor compressors: 30 hp 2006 2005 333415A139-Refrigerants other than ammonia, hermetic-type 5839 2007 motor compressors; 40 hp 2006 and 50 hp 2005 333415A144-Refrigerants other than ammonia, hermetic-type 5844 2007 motor compressors; 60 hp 2006 and over 2005 333415A152-Refrigerants other than ammonia, open-type 5852 2007 compressors with or w/o 2006 motor - all sizes 2005 333415A154-Compressor/ compressor units for all 5854 2007 refrigerants exc. ammonia -2006 screw type 2005

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PART I - Continued				-		100000010		
ltem	ltem code	Report	TOTAL SHIPMENTS		{Do n purch your	ich		
(Product code – Description)		period	QUANTITY	VALUE {Thousand	furth signi	company pe er fabrica ficant ass	tion or embly.}	a.
		·	{Number}	Dollars}				
333415A158-Compressors/ compressor units, ammonia refrigerants, {all types}	5858	2007	1	. 2	3	4	5	6
		2006	-					
		2005		orazzione				
333415A100-Total compressors and compressor units {col.2	5859	2007	XXXXX		-			
only} {sum of items 5815 - 5858}		2006	XXXXX		wincicken	:		
		2005	XXXXX		·			Hand Charles
336391B100-Refrigerants other than ammonia, automotive AC	5869	2007		-	Production of the Control of the Con			
compressors {open-type with or w/o motor}		2006						
or w/o motor;		2005	No.		100			
333415C101-Nonelec. OIL warm air furnaces - 150,000 Btuh	6104	2007			S CONTRACTOR CONTRACTO	outen de la constant	***************************************	-
Bonnet output and under		2006		nine (see				
·		2005						
333415C105-Nonelec. OIL warm air furnaces - 150,001 Btuh	6105			-			¥	·
Bonnet output and over		2006						
		2005						
333415C107-Nonelec. GAS warm air furnaces - 150,000 Btuh	6107				Application of the second of t	***************************************	***************************************	
Bonnet output and under		2006	part et					
000 415 0100 H		2005	:		1 1000			
333415C109-Nonelec. GAS warm air furnaces - 150,001 TO 400,000 Btuh Bonnet output	6108	2007			***************************************	***************************************	***************************************	
400,000 Bean Bonnee output		2006						
3		2005						
333415C111-Nonelec. GAS warm air furnaces - over 400,000	6109	. 200.7			***************************************		***************************************	
Btuh Bonnet output		2006						
		2005						
333415C179-All other nonelectric warm air furnaces	6119	2007		- Control Cont		· Constitution of the cons	Quantum resource and the second	
		2006						
		2005						
333415C181-Humidifiers {attachments to warm air	6120							
furn. all types,incl. cent. sys. & self-contained		2006						
cent. sys. a serr-contained		2005						
EORM CIR 2 (Continuation) (10.24.2002)	<u></u>	2005						

CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued	Item code	an esta esta en e stado por especial que estado en esta	TOT SHIPM	AL	{Do n	ot report ased produ	imported o	r
Item (Product code – Description)		Report period	QUANTITY	VALUE	your furth	company pe er fabrica ficant ass	rformed no tion or)
			{Number}	{Thousand Dollars}		wo.		
333415C100-Total warm air furnaces & humidifiers	6199	2007	1 XXXXX	2	3	. 4	5	6,
{sum of codes 6104-6120}		2006	XXXXX					
		2005	XXXXX		***************************************	1		: .
UNITARY AIR CONDITIONERS, EXCLUDING AIR SOURCE HEAT PUMPS				VI AND THE STATE OF THE STATE O				
						od of the state of		
333415E105-UNITARY AC recreational vehicle air-conditioners	6210	2007			The state of the s		-	
conditioners		2006						4
		2005						
333415E107-UNITARY AC'S, single pkg, with or w/o	6231	2007					-	-
evaporator fan {see manual}, horizontal under 27,000 Btuh		2006						
		2005						
333415E109-UNITARY AC'S, single pkg, with or w/o evap. fan, horizontal,	6232	2007				VALUATION AND AND AND AND AND AND AND AND AND AN		
27,000 - 32,999 Btuh		2006						
20042774		2005	:					
333415E111-UNITARY AC'S, single pkg, with or w/o evap. fan, horizontal,	6233	2007			Vanada	TO THE PROPERTY OF THE PROPERT		
33,000 - 53,999 Btuh		2006						
		2005						
333415E113-UNITARY AC'S, single pkg, with or w/o	6234	2007			-			
evap. fan, horizontal, 54,000 - 64,999 Btuh		2006						
		2005						
333415E115-UNITARY AC'S, single pkg, with or w/o	6235	2007		· ·		40000	000000000000000000000000000000000000000	
evap. fan, horizontal, 65,000 - 96,999 Btuh		2006						
		2005						
333415E117-UNITARY AC'S, single pkg, with or w/o	6236	2007		incommented in the second	in the second		-	
evap. fan, horizontal, 97,000-134,999 Btuh		2006						
		2005		The state of the s				
333415E119-UNITARY AC'S, single pkg, with or w/o	6237	2007						
evap. fan, horizontal, 135,000-184,999 Btuh		2006						
		2005		and the second				

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shown, correct if wrong)

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PART I - Continued TOTAL {Do not report imported or SHIPMENTS purchased products on which your company performed no Item Item Report further fabrication or (Product code - Description) code period QUANTITY VALUE significant assembly.} {Thousand {Number} Dollars} 333415E121-UNITARY AC'S. single pkg, with or w/o 6238 2007 evap. fan, horizontal, 2006 185,000-249,999 Btuh 2005 333415E123-UNITARY AC'S, 6239 2007 single pkg, with or w/o evap. fan, horizontal, 2006 250.000-319.999 Btuh 2005 333415E135-UNITARY AC'S, single pkg, with or w/o 6240 2007 evap. fan. horizontal, 2006 320,000-379,999 Btuh 2005 333415E141-UNITARY AC'S, 6241 2007 single pkg, with or w/o evap. fan. horizontal. 2006 380,000 Btuh & over 2005 333415E142-UNITARY AC'S. 6242 single pkg, with or w/o 2007 evap, fan, other than horiz-2006 ontal, under 64,999 Btuh 2005 333415E147-UNITARY AC'S. 6245 2007 single pkg, with or w/o evap. fan, other than horiz-2006 ontal, 65,000 - 96,999 Btuh 2005 333415E149-UNITARY AC'S, 6246 2007 single pkg, with or w/o evap. fan, other than horiz-2006 ontal, 97,000 - 134,999 Btuh 2005 333415E151-UNITARY AC'S, 6247 single pkg, with or w/o 2007 evap, fan, other than horiz-2006 ontal, 135,000- 184,999 Btuh 2005 333415E153-UNITARY AC'S. 6249 2007 single pkg, with or w/o evap. fan, other than horiz-2006 ontal, 185,000 Btuh and over 2005 333415E155-UNITARY AC'S, year-round, single pkg & 6250 2007 remote-condensertype {excl. 2006 heat pumps}-und. 33,000 Btuh 2005

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ltem	Item code	Report	TOT SHIPM		{Do not report imported or purchased products on which your company performed no			
(Product code – Description)		period	QUANTITY	VALUE {Thousand		er fabrica ficant ass		***************************************
		······································	{Number}	Dollars}				
333415E157-UNITARY AC'S, year round, single pkg & remote condenser type {excl. heat	6251	2007	1	2	3	4	5	6
pumps}-33,000-38,999 Btuh		2006 2005	,	Andreas Andrea	National Assessment of the Control o		wassessessessessessessessessessessessesse	***************************************
333415E159-UNITARY AC'S, year round, single pkg & remote	6252	2007			00		-	
condenser type {excl. heat pumps}-39,000-43,999 Btuh	·	2006		and the second s	00			
		2005						
333415E161-UNITARY AC'S, year round, single pkg & remote condenser type {excl. heat	6253	2007			***************************************			
pumps}-44,000-53,999 Btuh		2006						
		2005		nanonalement of the control of the c	over a service of the			and the state of t
333415E163-UNITARY AC'S, year round, single pkg & remote	6254	2007			A CONTRACTOR OF THE CONTRACTOR			
condenser type {excl. heat pumps}-54,000-64,999 Btuh		2006			-			
		2005			waise string and the			-
333415E165-UNITARY AC'S, year round, single pkg & remote	6255	2007			-			
condenser type {excl. heat pumps}-65000-134,999 Btuh		2006	144			***************************************		su inconstante de la constante
		2005						
333415E167-UNITARY AC'S, year round, single pkg & remote	6256	2007						
condenser type {excl. heat pumps}-135000-184999 Btuh		2006						
		2005		Valentinas				
333415E169-UNITARY AC'S, year round, single pkg & remote	6257	2007		-				-
condenser type {excl. heat pumps}-185000-249999 Btuh		2006						
, , , , , , , , , , , , , , , , , , , ,		2005		-			g. Magn. 1994	and the state of t
333415E171-UNITARY AC'S, year round, single pkg & remote	6258	2007		Teachers and the second	***************************************	viene este marie de la constitución de la constituc	***************************************	
condenser type {excl. heat pumps}-250000-319999 Btuh		2006						
		2005						
333415E173-UNITARY AC'S, year round single pkg & remote	6259	2007			Vertitititissessessessessessessessessessessessesse		arrent protection and a second a	of control con
condenser type {excl. heat pumps}-320000-379999 Btuh		2006						
		2005						
333415E175-UNITARY AC'S, year round single pkg & remote	6260	2007						27/9/9
conden.type{ex. heat pumps} 380,000-539,999 Btuh		2006						
		2005						

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► PART I - Continued TOTAL {Do not report imported or SHIPMENTS purchased products on which Item Report your company performed no ltem further fabrication or (Product code - Description) code period QUANTITY VALUE significant assembly.} Thousand {Number} Dollars} 333415E177-UNITARY AC'S, year 6261 2007 round, single pkg & remote conden.type {ex.heat pumps} 2006 540,000-639,999 Btuh 2005 333415E179-UNITARY AC'S, year round, single pkg & remote 6262 2007 conden.type {ex.heat pumps} 2006 640,000 Btuh & over 2005 333415E181-UNITARY AC'S, 6271 20.07 water source heat pumps {excluding room 2006 air-conditioners} 2005 333415E182-UNITARY AC'S, 6272 split system air-condition-2007 ing condensing units under 2006 22.000 Btuh 2005 333415E183-UNITARY AC'S, split system air-condition-6273 2007 ing condensing units, 2006 22,000-26.999 Btuh 2005 333415E185-UNITARY AC'S, 6274 split system air-condition-2007 ing condensing units. 2006 27.000-32.999 Btuh 2005 333415E187-UNITARY AC'S, split system air-condition-6275 2007 ing condensing units. 2006 33,000-38,999 Btuh 2005 333415E189-UNITARY AC'S. split system air-condition-6276 2007 ing condensing units, 2006 39,000-43,999 Btuh 2005 333415E191-UNITARY AC'S, 6277 2007 split system air-conditioning condensing units, 2006 44,000-53,999 Btuh 2005 333415E193-UNITARY AC'S, 6278 2007 split system air-conditioning condensing units, 2006 54,000-64,999 Btuh 2005

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PART I - Continued						100000010		
ltem (Product code – Description)	Item code	Report period	TOT SHIPM		purch your	ot report ased produ company pe er fabrica	cts on wh	ich
2000,			QUANTITY {Number}	VALUE {Thousand Dollars}	signi	ficant ass	embly.}	Tardela (Alanca de Alanca de A
333415E195-UNITARY AC'S,			1 1	2	3	4	5	6
split system air-condition- ing condensing units,	6279	2007						
65,000-96,999 Btuh		2006 2005						
333415E197-UNITARY AC'S,		2003						
split system air-condition- ing condensing units,	6280	2007						
97,000-134,999 Btuh		2006						
333415E199-UNITARY AC'S,		2005		- Allerina				
split system air-condition- ing condensing units,	6281	2007				***************************************		***************************************
135,000-184,999 Btuh		2006						
333415E19A-UNITARY AC'S,		2005						
split system air-condition-	6282	2007						
ing condensing units, 185,000-249,999 Btuh		2006						
		2005						
333415E19C-UNITARY AC'S, split system air-condition-	6283	2007			erentetation .	· · · · · · · · · · · · · · · · · · ·		-
ing condensing units, 250,000-319,999 Btuh		2006						
		2005						
333415E19E-UNITARY AC'S, split system air-condition-	6284	2007			**************************************	-	u-sanaration	
ing condensing units, 320,000-379,999 Btuh		2006						
		2005						
333415E19G-UNITARY AC'S, split system air-condition-	6285	2007		***************************************	***************************************		00.000.000.000	-
ing condensing units, 380,000-539,999 Btuh		2006						
		2005						
333415E19J-UNITARY AC'S, split system air-condition-	6286	2007		operation and the second	·	A contraction of the contraction	oo etterarianista oo etterarianista oo etterarianista oo etterarianista oo etterarianista oo etterarianista oo	100000000000000000000000000000000000000
ing condensing units, 540,000-639,999 Btuh		2006						
		2005				1147		
333415E19L-UNITARY AC'S, split system air-condition-	6287	2007		-	occurrence of the second	- Anna Carlos Ca	THE STATE OF THE S	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
ing condensing units, 640,000 Btuh & over		2006						
		2005						
333415E19M-UNITARY AC'S, split system air-condition-	6288	2007		VANTONIONEONOOTO	(UIDADA) AND	THE ANNOUNCE OF THE PROPERTY OF	metal den diseased insocial	
ing coils with blower		2006						
FORM CIR-2 (Continuation) /10-24-2002)	<u> </u>	2005						

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CURRENT INDUSTRIAL REPORTS - Continued

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► PART I – Continued								
,	ltom	Report period	TOT SHIPM		purch	ot report ased produ company pe	cts on wh	ch
Item (Product code – Description)	ltem code		QUANTITY	_VALUE	furth	er fabrica ficant ass	tion or	
			{Number}	{Thousand Dollars}	· ·	waxioon		
333415E19P-UNITARY AC'S, split systems air-condition-	6289	2007	1	2	3	4	5	6
ing coils without blower		2006						
		2005				•		
333415E100-Total unitary air- conditioners {col.2 only}	6299	2007	XXXXX	TOTAL PROPERTY AND	TO THE PROPERTY OF THE PROPERT	шыныны		
{excluding air source heat pumps} {sum items 6210-6289}		2006	XXXXX					
	·	2005	XXXXX					
333415F123-AIR SOURCE HEAT PUMPS {excluding room AC's},	6301	2007	·	***************************************	**************************************	en construction de la constructi		
single package under 27,000 Btuh		2006						
		2005				Action in the second se		
333415F134-AIR SOURCE HEAT PUMPS {excluding room ACs},	6302	2007			-	700000000000000000000000000000000000000		
single package, 27,000-41,999 Btuh		2006						
	·	2005						
333415F145-AIR SOURCE HEAT PUMPS {excluding room AC's}, single package},	6303	2007		Contrata National Contrata	***************************************			
42,000-64,999 Btuh		2006						
		2005						
333415F156-AIR SOURCE HEAT PUMPS {excluding room AC's}, single package, 65,000 Btuh	6304	2007				VOLUME 1		
and over		2006						
		2005						
333415F167-AIR SOURCE HEAT PUMPS {excluding room AC's}, split systems under	6305	2007				sentina de la companya del companya de la companya del companya de la companya de		
27,000 Btuh		2006						
		2005						
333415F178-AIR SOURCE HEAT PUMPS {excluding room AC's}, split systems,	6306	2007				ornaria de la compania del compania del compania de la compania del c		
27,000-41,999 Btuh		2006						
		2005						
333415F189-AIR SOURCE HEAT PUMPS {excluding room AC's}, split systems,	6307	2007			au contra de la contra del la contra de la contra de la contra del la	State		
42,000-64,999 Btuh		2006						
		2005						
333415F195-AIR SOURCE HEAT PUMPS {excluding room AC's}, split systems, 65,000 Btuh	6308	2007		**************************************				
and over		2006						
FORM CIR.2 (Continuation) (10-24-2002)	<u></u>	2005						

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS | Identification Number (ID) (Enter if not shown, correct if wrong) Page **CURRENT INDUSTRIAL REPORTS - Continued** 89100333310 17

PART I - Continued					1 09			
ltem	Item	Report period	TOTAL SHIPMENTS		{Do not report imported purchased products on wh your company performed n further fabrication or			ich
(Product code – Description)	code		QUANTITY {Number}	VALUE {Thousand Dollars}	furth signi	er tabrica ficant ass	tion or sembly.}	varadori esta de desta de la composição de
333415F100-Total air source heat pumps {sum of item	6309	2007	1	2	3	4	5	6
codes 6301-6308}	0309	2007						
	-	2005						
333415G100-Ground & ground water source heat pumps	6319	2007		is socionismin				
{single & split systems}	0319	2007		777				
		2005			Name of the state			
				-				1.5
		. ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
			COMPRESS- OR BODIES ASSEMBLED		-			
			// / / / / / / / / / / / / / / / / / / /					
			{Number}					
X X X - Compressor bodies assembled for all refriger-	9905	2007	<u> </u>					
ants excl. ammonia; under 2 hp		2006						
		20,05				***************************************		
X X X - Compressor bodies assemb. for all refrig. ex.	9908	2007			with the same of t	00000		
ammonia; 2 hp {REP TWIN 2 HP BODIES CROSS-CONN AS 4 HP}		2006						
V V V		2005						
X X X - Compressor bodies assembled for all refriger-	9909	2007						
ants excl. ammonia; 3 hp		2006						was a second
V V V		2005						
X X X - Compressor bodies assemb. for all refrig. ex.	9910	2007				***************************************		eterine superine supe
ammonia; 4 hp {RPT TWIN 2 HP BODIES CROSS_CONN as 4 HP}		2006						
		2005						
X X X - Compressor bodies assembled for all refrigerants except amonia; 5 hp	9911	2007				NAN WATER AND		***************************************
		2006						
		2005						
X X X - Compressor bodies assembled for all refriger-	9912	2007		· · · · · · · · · · · · · · · · · · ·			various and a second	Video Visionio Visionio
ants excl. ammonia; 7.5 hp		2006						
ORM CIR-2 (Continuation) (10-24-2002)		2005						

		U.	S. DEPARTMENT OF COMMERC BUREAU OF THE CENSU	Identification Number (ID) (Enter if not shown, correct if wrong)	Page	
CURRENT INDUSTR	IAL RE	PORTS	S – Continued	89100333310	18	
PART I - Continued	T		T			
ltem (Product code – Description)	Item code	Report period	COMPRESS- OR BODIES ASSEMBLED			
			{Number}		i i i i i i i i i i i i i i i i i i i	
X X X - Compressor bodies assembled for all refriger-ants excl. ammonia; 10 hp	9913	2007 2006	1 2	3 4 5	6	
		2005				
X X X - Compressor bodies assembled for all refriger- ants excl. ammonia; 15 hp	9914	2007				
·	. 1	2005				
X X X - Compressor bodies assembled for all refriger- ants excl. ammonia; 20 hp	9915	2007				
and exert annion a, 20 mp	į.	2006				
V V V Company		2005				
X X X - Compressor bodies assembled for all refriger- ants excl. ammonia; 25 hp	9916	2007 2006				
		2005				
X X X - Compressor bodies assembled for all refriger- ants excl. ammonia; 30 hp	9917	2007			500 CONTRACTOR CONTRAC	
		2006				
X X X - Compressor bodies		2005				
assembled for all refriger- ants excl. ammonia; 40 hp	9918	2007 2006				
		2005				
X X X - Compressor bodies assembled for all refriger- ants excl. ammonia; 50 hp	9919	2007				
ants exci. ammonia, 30 mp	·	2006				
X X X - Compressor bodies assembled for all refriger-	9920	2005			initiani and a second	
ants excl. ammonia; 60 hp	3320	2006				
		2005				
X X X - Compressor bodies assembled for all refriger- ants excl. ammonia; 75 hp	9921	2007				
		2006	Reconstruction			
V V V Compagness hadis-	 	2005	and the second s			
X X X - Compressor bodies assembled for all refriger- ants excl. ammonia; 100	9922	2007				
hp and over		2006			1	
FORM CIP 2 (C) 46 04 0000	<u></u>	2005				

PART I - Continued							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Item (Product code – Description)	ltem code	Report period	COMPRESS- OR BODIES ASSEMBLED					
V V V T.L.7			{Number}	2	3	4	5	6
X X X - Total compressor bodies assembled for all	9931	2007	,		-	7)	
refrigerants, ex. ammonia {sum of 9905-9922}		2006	jan Vila					
		2005	ī,	- 1				
X X X - Compressor bodies assembled for ammonia	9941	2007					January	
refrigerants		2006						
		2005					:	
X X X - Compressor bodies assembled; automotive air-	9951	2007						
conditioning {see manual}	9951	2007		-			reaction of the control of the contr	
		2005				Access to the second se	*****	
X X X - Total compressor	0000						obac voice and the second seco	
bodies assembled {sum of items 9931-9951}	9990	2007						
		2005		are distribution			-,	
	2003		9000	-				
						With		
If all your items are not listed, ple	ase use a	dditiona	l lines or a bla	nk sheet o	f paper.			
PART II Has there been any ch	ange in t	he owne	rship or opera	tion of this	s establishment	during this per	iod?	
Yes – Indicate ty	oe of chan Name of c			kip to Part I Address (N	ll. umber and street,	city State ZIP (ode) Da	te of change
		Ompany		, , , , , , , , , , , , , , , , , , , ,	arrisor arra stroot,	ony, orato, zn	Joac, Bu	te or change
A. Purchased from								
B. Sold to								
c. \square Plant discontinued all operation	ıs	Date	•					
D. Plant operations no longer coverage.	ered by thi	s survey -	Describe in "Re	emarks" the	products currentl	y produced.	-	
E. Reorganized - Describe in "Ren	narks;" e.g.	., partners	hip change or c	hange in co	orporate status.			
PART III Do the figures shown	on this r	eport and	-	_	e <mark>r the identical e</mark> ons for difference		?	
PART IV Remarks	an and a state of the state of							
PART V CERTIFICATION - This	report is	·	lly accurate and	l has been p	orepared in accord	ance with instru		
Signature of authorized official		Title					Date	
Complete and return this form in envelope provided or to:	the	1201 E	u of the Census ast Tenth Stree	et	NOTE: Please	make a photoco	py of this for y	our records.