

HVAC/PLUMBING INCENTIVE CATALOG SUPPLEMENTAL DATA SHEET

THIS FORM MUST BE ATTACHED TO COMPLETED INCENTIVE APPLICATION AND SUBMITTED TOGETHER. NEED HELP? CALL 800.762.7077.

HOW TO FILL OUT THIS FORM

Please refer to:

- The **HVAC/Plumbing Incentive Catalog** for measure requirements and information.
- Complete the table corresponding to the measure in the catalog.

Attach this form to a completed **Incentive Application** and submit together.

CUSTOMER INFORMATION

JOB SITE BUSINESS NAME _____

JOB SITE ADDRESS _____

TRADE ALLY NAME _____

A COMMERCIAL AIR CONDITIONING SPLIT AND PACKAGED SYSTEMS (ALL SIZES) – INCENTIVE CODE: H3022, S-H3022								PAGE 30
MULTIFAMILY AIR CONDITIONING SPLIT AND PACKAGED SYSTEMS >5.4 TONS – INCENTIVE CODE M-H3761								PAGE 31
SPLIT SYSTEM AIR CONDITIONING - CONDENSING UNIT ONLY - INCENTIVE CODE H3909, M-H3909, S-H3909								PAGE 32

EQUIP #	AHRI RATED CAPACITY (tons)	AHRI RATED FULL LOAD EFFICIENCY (SEER <5.4 tons, otherwise EER)	MIN. EFF TO QUALIFY (SEER <5.4 tons, otherwise EER) (from Measure Description pg 24 or 25)	DELTA EFFICIENCY (AHRI rated - min eff)	ADDITIONAL INCENTIVE (DELTA EFFICIENCY x \$5)	BASE INCENTIVE (\$/ton)	INCENTIVE RATE (\$/ton) (base incentive + additional incentive)	TOTAL INCENTIVE* (AHRI rated tons x incentive rate)
<i>Example</i>	15.0	12.6 EER	12.0	0.6	\$3	\$30	\$33	495

B1 CHILLERS (BUILDING COOLING LOAD) –				PAGE 33
INCENTIVE CODE: H2249, H2250, H2251, H2252, M-H2249, M-H2250, M-H2251, M-H2252				

EQUIP #	ANNUAL HOURS OF CHILLER OPERATION	BUILDING/SPACE DESIGN COOLING LOAD (tons)	BASE OR TRIM CHILLER?
<i>Example</i>	4000	90	Base

B2 CHILLERS (EQUIPMENT PERFORMANCE) – INCENTIVE CODE: H2249, H2250, H2251, H2252								PAGE 33
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EQUIP #	AHRI RATED CAPACITY (tons)	MAX FULL LOAD (kW/ton) (from Measure Description pg 33-34)	AHRI RATED FULL LOAD EFFICIENCY (kW/ton)	MAX PART LOAD (IPLV) (kW/ton) (from Measure Description pg 33-34)	AHRI RATED PART LOAD EFFICIENCY (IPLV) (kW/ton)	DELTA EFFICIENCY: (max full load - rated full load) + (max part load - rated part load)	ADDITIONAL INCENTIVE (\$/ton) (delta efficiency x \$200 or \$250)	BASE INCENTIVE (\$/ton)	INCENTIVE RATE (\$/ton) (additional incentive + base incentive)	TOTAL INCENTIVE* (AHRI rated capacity x incentive rate)
<i>Example</i>	95	1.20	1.15	0.90	0.75	0.20	\$50	\$10	\$60	\$5,700

C ENERGY RECOVERY VENTILATOR (ERV) – INCENTIVE CODE: H2314, M-H2314						PAGE 38
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EQUIP #	HOURS OF OPERATION (hrs/wk)	SUPPLY AIRFLOW (AHRI listed CFM)	AHRI WINTER EFFECTIVENESS %	AHRI SUMMER EFFECTIVENESS %	SPACE HEAT EFFICIENCY (%)	SPACE COOL EFFICIENCY (kW/ton or EER)
<i>Example</i>	60 hrs/wk	2,000 cfm	81%	77%	80%	1.20 kW/ton

D ECONOMIZERS – INCENTIVE CODE: H3066				PAGE 39
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EQUIP #	RTU RATED CAPACITY (tons)	RTU COOLING EFFICIENCY (EER, IF KNOWN)	ECONOMIZER CHANGEOVER TEMP (°F)	AHU CONTROLS (no setback or EMS/t-stat)
<i>Example</i>	10	10.3	60	T-stat

E ADVANCED ROOFTOP UNIT CONTROLLERS – INCENTIVE CODE H3964, M-H3964						PAGE 40
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EQUIP #	NOMINAL COOLING CAPACITY (TONS)	FAN HP	ECONOMIZER OPERATIONAL (YES / NO)?	WEEKDAY OPEN / CLOSE TIMES	SATURDAY OPEN / CLOSE TIMES	SUNDAY OPEN / CLOSE TIMES
<i>Example</i>	15	5	Yes	7 AM / 9 PM	8 AM / 10 PM	11 AM / 7 PM
				/	/	/
				/	/	/

F DEMAND CONTROLLED VENTILATION (DCV) – INCENTIVE CODE: H3266 (SINGLE ZONE RTU), H2853 (DCV FOR AHU) PAGE 41

EQUIP #	SPACE COOLING TYPE	SPACE HEATING TYPE	AREA SERVED TYPE	AHU COOLING SIZE (TONS)	HOURS OF OPERATION/WEEK	AREA SERVED (sq ft)	ECONOMIZER (DB, ENTH, none)	AHU CONTROLS (no setback, EMS/T-STAT)	OUTSIDE AIRFLOW RATE (CFM)
<i>Example</i>	<i>DX</i>	<i>Gas</i>	<i>Office</i>	<i>240</i>	<i>60</i>	<i>10,000</i>	<i>DB</i>	<i>T-stat</i>	<i>3,000</i>

G GUEST ROOM ENERGY MANAGEMENT CONTROLS – INCENTIVE CODE: H2374 PAGE 41

HVAC SYSTEM TYPE	COOLING EFFICIENCY W/ UNITS	HEATING EFFICIENCY W/ UNITS	“OTHER HEAT OPTION” EXPLANATION	HEATING SYSTEM SOURCE (if WSHP or fan coil)	COOLING SYSTEM SOURCE (if WSHP or fan coil)
<i>PTHP</i>	<i>12.4 EER</i>	<i>3.3 COP</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>

H PROGRAMMABLE THERMOSTAT FOR RTU – INCENTIVE CODE: H3121 (PROGRAMMABLE), H3120 (ADVANCED PROGRAMMABLE) PAGE 42

THERMOSTAT #	RTU RATED CAPACITY (tons)	HEATING TYPE	SPACE TYPE	AREA SERVED (sq ft)	HOURS RESET/DAY	COOLING SET UP (°F)	HEATING SET BACK (°F)
<i>Example</i>	<i>25</i>	<i>Gas Furnace</i>	<i>Classrooms</i>	<i>4,500</i>	<i>6</i>	<i>10</i>	<i>5</i>

I PARKING GARAGE VENTILATION CONTROLS – INCENTIVE CODE: H3016, M-H3016, H3493, M-H3493 PAGE 42

LOCATION	EXHAUST FAN SIZE (HP)	PROPOSED FAN OPERATION (hrs/day)	VENTILATION AIRFLOW (CFM)	GARAGE SIZE (sq ft, if heated)	HEATING SYSTEM EFFICIENCY (%)	HEATING SETPOINT (°F)
<i>Garage-1a</i>	<i>10</i>	<i>10</i>	<i>6,700</i>	<i>10,000</i>	<i>80%</i>	<i>55</i>

J SURGERY OCCUPANCY CONTROLS – INCENTIVE CODE: H3632 PAGE 42

LOCATION	AVERAGE AREA (SQ FT) OF SURGERY ROOMS	WHEN ARE SURGERY ROOMS OCCUPIED?	ESTIMATED SURGERY HRS/YRS	RE-HEAT TYPE (electric or gas)	EXISTING AIR CHANGES PER HOUR	ROOM TEMPERATURE SETPOINT, °F	DISCHARGE AIR TEMPERATURE, °F	# OF ROOMS WITH CONTROLS
<i>Example</i>	<i>400</i>	<i>6 AM to 10 PM</i>	<i>5,840</i>	<i>gas</i>	<i>20</i>	<i>65</i>	<i>50</i>	<i>4</i>

K VARIABLE FREQUENCY DRIVES – INCENTIVE CODE: H2640, M-H2640, H2641, M-H2641, H2643, M-H2643, H2726, M-H2726, H2644, M-H2644, H2646, M-H2646 PAGE 43

VFD #	VFD APPLICATION	CONTROLS BEFORE VFD	EQUIPMENT OPERATING HOURS (2,000 hr/yr min)	HP CONTROLLED BY VFD	QUANTITY	SUBTOTAL INCENTIVE (qty X HP X \$/HP)*
<i>AHU-1a</i>	<i>HVAC Fan</i>	<i>Inlet Guide Vanes</i>	<i>2500</i>	<i>10</i>	<i>3</i>	

L HIGH-USE COMMERCIAL WATER HEATERS – INCENTIVE CODE: P3045, P3046, P3047, P3684 PAGE 48

BLDG TYPE	EXISTING SYSTEM FUEL TYPE	EXISTING WATER HEATER TYPE	EXISTING EFFICIENCY (% or EF)	WATER HEATER SUPPLY TEMPERATURE (°F)	ANNUAL OPERATION (days/year)	ACTUAL USAGE (See page 48 for units of measure)	NEW SYSTEM EFFICIENCY (% or EF)
<i>Example-Cafeteria</i>	<i>Gas</i>	<i>Gas Storage</i>	<i>82%</i>	<i>125 °F</i>	<i>350</i>	<i>400 meals/day</i>	<i>95%</i>

M DOMESTIC HOT WATER PLANT – INCENTIVE CODE: M-P2760 PAGE 50

EQUIP #	# OF EXISTING WATER HEATERS	INPUT CAPACITY (MBH)	TANK MFG (Required if indirect)	TANK MODEL NUMBER (Required if indirect)	TANK INPUT CAPACITY (Btu/hr) (Required if indirect)
<i>Example</i>		<i>299</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>