

## FURNACE / CONDENSING UNIT SCHEDULE

TAG	MANUFACTURER	FURNACE	CFM	AIRFLOW TONS	ESP (WC)	HTG IN (MBH)	HTG OUT (MBH)	VOLTAGE PHASE	MCA MOCP	WEIGHT (LBS)	NOTES
F-1	AMERICAN STANDARD	AUHIB060A9361A	1200	3	0.6	60	51	120/1	8 15	150	1,2,3,4,5,6
TAG	MANUFACTURER	CONDENSING UNIT	COOLING (TONS)	VOLTAGE PHASE	MCA MOCP	WEIGHT (LBS)	S/EER	REFG	NOTES		
CU-1	AMERICAN STANDARD	4ATA3036B1000A	3	120/1	20 35	236	16.0	R410A	7,8		

**NOTES:**

1. PROVIDE CASED EVAPORATOR COIL WITH GASKETED SEAL FURNACE UNIT CONNECTION AND SCHEDULE 40 PVC CONDENSATE PIPING TO ABOVE OPEN SITE DRAIN.
2. PROVIDE HONEYWELL HE265 HUMIDIFIER WITH VALVED WATER CONNECTION.
3. PROVIDE HONEYWELL VISONPRO-1AQ ELECTRONIC PROGRAMMABLE THERMOSTAT WITH TEMPERATURE AND HUMIDITY CONTROL.
4. PROVIDE FURNACE UNIT VIBRATION-ISOLATION MOUNTING PADS.
5. PROVIDE SCHEDULE 40 PVC COMBUSTION/FLUE PIPING TO OUTDOORS WITH CONCENTRIC VENT KIT.
6. PROVIDE RETURN AIR FILTER SLEEVE WITH DISPOSABLE FILTERS.
7. PROVIDE CONDENSING UNIT MOUNTING PAD AND COMPACTED GRAVEL BASE.
8. PROVIDE REFRIGERATION PIPING, EXPANSION VALVE, REFRIGERANT PIPING DEVICES, AND INSULATE REFRIGERANT SUCTION PIPING WITH 1/2" THICK ELASTOMERIC INSULATION. REFRIGERANT PIPING SHALL BE TYPE "K" COPPER WITH WROUGHT FITTINGS AND BRAZED CONNECTIONS/JOINTS.

## WATER HEATER SCHEDULE

TAG	MANUFACTURER	MODEL	GALLON	INPUT (MBH)	RECOVERY (GPH AT 90 F RISE)	DIAMETER	HEIGHT	VOLTAGE PHASE	WEIGHT (LBS)	NOTES
UH	RHEEM	42VRF40	40	40	40.4	20"	70"	120/1	140	1,2

**NOTES:**

1. PROVIDE PRESSURE AND TEMPERATURE RELIEF VALVE WITH PIPING DISCHARGE TO ABOVE OPEN SITE DRAIN
2. PROVIDE SCHEDULE 40 PVC COMBUSTION/FLUE PIPING TO OUTDOORS WITH CONCENTRIC VENT KIT.

## SPECIFICATIONS

1. CONTRACTOR SHALL PROVIDE AIR CONDITIONING UNITS, EXHAUST FANS, DUCTWORK, INSULATION, AIR DEVICES, DAMPERS, LOUVERS, TEMPERATURE CONTROLS, AND HUMIDIFIER CONTROLS.
2. CONTRACTOR SHALL PROVIDE EQUIPMENT AND UNIT SUPPORTS.
3. FLEX DUCT SHALL BE UL LISTED, MINIMUM R-6, FOIL-BACKED, CLASSIFIED AS CLASS 1 AIR DUCT, AND MEET LOCAL CODE REQUIREMENTS. MAXIMUM LENGTH SHALL BE 5'-0" PER CONNECTION.
4. METAL DUCT AND AIR DISTRIBUTION DEVICES SHALL BE INSULATED WITH R-6, 2" X .75 DENSITY FOIL-BACKED INSULATION, WITH FIRE AND SMOKE RATING 25-50.
5. DUCTWORK TO BE INDEPENDENTLY HUNG FROM STRUCTURAL MEMBERS. BRACE AND SUPPORT DUCT IN SHAFTS AS REQUIRED.
6. DUCTWORK SHALL BE FABRICATED, INSTALLED, SEALED, AND INSULATED PER SMACNA LOW-VELOCITY DUCT MANUAL.
7. UNLESS OTHERWISE NOTED, TAP COLLARS SHALL HAVE MANUAL VOLUME CONTROL LOCKING DAMPER.
8. CONTRACTOR SHALL, UPON COMPLETION OF PROJECT, PERFORM A COMPLETE TEST AND BALANCE OF EQUIPMENT. PROVIDE WRITTEN REPORT TO ARCHITECT. CAPACITIES SHALL BE SET TO WITHIN 10% OF AMOUNTS INDICATED ON PLANS AND SCHEDULES.
9. EQUIPMENT SHALL BE UL LISTED.
10. CONTRACTOR SHALL FIELD VERIFY LOCATIONS FOR EQUIPMENT ON SITE WITH MOST RECENT ARCHITETURAL PLANS.
11. CONTRACTOR SHALL PROVIDE LOW-VOLTAGE WIRING FINAL CONNECTIONS FOR HVAC EQUIPMENT, INCLUDING TEMPERATURE CONTROLS, HEATING/COOLING UNITS, AND HUMIDIFIER.



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LOPEZ RESIDENCE

10296 SHEET

HVAC EQUIPMENT SCHEDULES AND SPECIFICATIONS

SHEET 1 OF 1

DATE 02/09/2010

REF. DIRECT DESIGN ARCHITECTS

HVAC.1