



NOTE:
 HVAC UNIT - GOODMAN GPH1436H41D
 AHRI REF. 201615909

HEATING		COOLING	
EFFICIENCY	8 HSPF	EFFICIENCY	14 SEER
HEATING OUTPUT	32200 BTUH	SENSIBLE COOLING	27400 BTUH
TEMPERATURE RISE	25 F	LATENT COOLING	8600 BTUH
ACTUAL AIR FLOW	1200 CFM	TOTAL COOLING	36000 BTUH
AIR FLOW FACTOR	0.079 CFM/BTUH	ACTUAL AIR FLOW	1200 CFM
STATIC PRESSURE	0.60 IN H2O	AIR FLOW FACTOR	0.051 CFM/BTUH
		STATIC PRESSURE	0.60 IN H2O
		LOAD SENSIBLE HEAT RATIO	0.84

NOTE:
 HVAC UNIT - GOODMAN GPH1430H41D
 AHRI REF. 201615902

HEATING		COOLING	
EFFICIENCY	8 HSPF	EFFICIENCY	14 SEER
HEATING OUTPUT	27600 BTUH	SENSIBLE COOLING	22400 BTUH
TEMPERATURE RISE	28 F	LATENT COOLING	6000 BTUH
ACTUAL AIR FLOW	9470 CFM	TOTAL COOLING	28400 BTUH
AIR FLOW FACTOR	0.069 CFM/BTUH	ACTUAL AIR FLOW	9470 CFM
STATIC PRESSURE	0.60 IN H2O	AIR FLOW FACTOR	0.056 CFM/BTUH
		STATIC PRESSURE	0.60 IN H2O
		LOAD SENSIBLE HEAT RATIO	0.85

ALL THERMOSTATS SHALL BE PROGRAMMABLE.

NOTE:
 A POST CONSTRUCTION DUCT LEAKAGE TEST OR A ROUGH
 IN DUCT LEAKAGE TEST SHALL BE PERFORMED IN ACCORDANCE WITH
 N1102.2.2

NOTE:
 ATTIC ACCESS SHALL BE WEATHER STRIPPED AND INSULATED.

NOTE:
 A PERMANENT LABEL SHALL BE INSTALLED WITHIN 6 FEET OF THE
 DRYER INLET STATING THE SIZE AND DEVELOPED LENGTH WHEN THE DUCT IS
 CONCEALED WITHIN THE CONSTRUCTION. MAXIMUM LENGTH OF 35'
 OR MANUFACTURERS LISTED INSTRUCTIONS.

NOTE:
 MINIMUM WHOLE HOUSE VENTING TO BE:
 KITCHEN - 100 CFM OR 25 CFM CONTINUOUS
 BATHROOMS/TOILET ROOMS - 50 CFM INTERMITTENT OR 20 CFM CONTINUOUS

NOTE:
 PER 1103.5.1 FAN MOTORS FOR MECHANICAL WHOLE HOUSE FANS TO
 MEET EFFICACY RATINGS. PROVIDE TO INSPECTOR IN THE FIELD.

NOTE:
 PROVIDE AT LEAST ONE PROGRAMMABLE THERMOSTAT

NOTE:
 NEW AND/OR REMODELED BUILDING ENVELOPE AREAS SHALL COMPLY WITH THE
 FOLLOWING: PENETRATION = 0.40 MAX U-FACTOR, 0.25 MAX SHGC, MIN. R-19 @ FRAME WALLS
 AND FLOORS, R-6 @ MASS WALLS, R-38 @ CEILINGS. DUCT INSULATION LOCATED OUTSIDE THE
 BUILDING ENVELOPE REQUIRES MINIMUM R-8 AND R-6 WHEN LOCATED IN FLOOR JOISTS.
 MINIMIZE AIR LEAKAGE IECC 402.4

- ☒ REGISTER
- HVAC UNIT
- ☒ RETURN
- Ⓣ THERMOSTAT

MECHANICAL PLAN

SCALE 1/4" = 1'-0"

NOTE:
 RETURNS ARE PER THE MANUAL J REPORT AND
 ARE OK PER CONVERSATION WITH JEFF CHANDLER