



PROJECT:

ADDRESS:

SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT
HVAC ESTIMATE					
FLEXIBLE DUCT					
1	8" Dia Flexible Duct	18	10%	20	LFT
2	10" Dia Flexible Duct	9	10%	10	LFT
AIR DEVICES					
1	Supply Air Diffuser, 250 CFM, 10" Dia Neck Size	1	0%	1	EA
2	Supply Air Diffuser, 275 CFM, 10" Dia Neck Size	2	0%	2	EA
3	Supply Air Diffuser, 125 CFM, 8" Dia Neck Size	2	0%	2	EA
4	Supply Air Diffuser, 175 CFM, 8" Dia Neck Size	2	0%	2	EA
5	Supply Air Diffuser, 200 CFM, 8" Dia Neck Size	1	0%	1	EA
6	Supply Air Diffuser, 200 CFM, 10"x10" Neck Size	1	0%	1	EA
7	Return Air Grille, 14"x14" Neck Size	1	0%	1	EA
8	Transfer Air Grille, 20"x10" Neck Size	1	0%	1	EA
9	Transfer Air Grille, 14"x10" Neck Size	2	0%	2	EA
10	24"x24" Return Air Grille with Active Carbon Filter	1	0%	1	EA
ROOFTOP PACKAGE HEAT PUMP UNIT					
1	RTU-1 Rooftop Package Heat Pump Unit, Manufacturer York, Model# PHE4B6031, Cooling 57500 BTU/HR, 208/230 Volts, 3 Phase, 60 HZ, Weight 530 LBS	1	0%	1	EA
EXHAUST FAN					
1	EF-1 Exhaust Fan, Make Can Fan, Model# S 600 6" CAN-FAN, 145 CFM, 2659 RPM, 120 Volts, 1 Phase, 60 HZ, Motor Power 75 Watt, Weight 12 Lbs	2	0%	2	EA
AIR PURIFIER/ODOR CONTROLLER & FILTER					
1	APF-1 Air Purifier/Odor Controller & Filter, Manufacturer Agriair, Model# Agriair 1000-3 HO, 300-650 CFM, 115 Volts, 1 Phase, 60 HZ, 3 AMP, Plated Carbon Filter 16"x24"x1", MERV II Plated Filter 16"x24"x1", Dimension 14"x20"x27", Weight 40 LBS, With Variable Speed Blower	2	0%	2	EA
ACTIVE CARBON FILTER					
1	FLT-1 Active Carbon Filter, Manufacturer CAN-FILTERS, Model# CAN 33, 200 CFM, Round Filter Outside Dimension 12"x13", Filter Weight 25.3 LBS, Carbon Weight 16.5 LBS, Carbon Depth 2"	2	0%	2	EA
2	FLT-2 Active Carbon Filter, Manufacturer Flanders, Model# FCP301, Square Filter 24"x24"x4"	1	0%	1	EA

DUCT SMOKE DETECTOR					
1	16"x14" Smoke Detector	1	0%	1	EA
2	RTU Duct Smoke Detector	1	0%	1	EA
VOLUME DAMPER					
1	8" Dia Volume Damper	6	0%	6	EA
2	10" Dia Volume Damper	3	0%	3	EA
BACKDRAFT DAMPER					
1	6" Dia Backdraft Damper	2	0%	2	EA
THERMOSTAT					
1	Thermostat	1	0%	1	EA
EXHAUST DUCT CAP					
1	6" Dia Exhaust Duct Cap	2	0%	2	EA
CONDENSATE DRAIN PIPE					
Type "M" Copper					
1	1" Dia Condensate Drain Pipe (Assumed)	20	10%	22	LFT
CONDENSATE DRAIN PIPE INSULATION					
1" Condensation Drain Pipe with Closed Cell Elastomeric Thermal Insulation (ASSUMED)					
1	1" Dia Condensate Drain Pipe Insulation	20	10%	22	LFT
CONDENSATE DRAIN PIPE FITTING					
ELBOWS 90 DEGREE					
1	1" Dia Elbow	3	0%	3	EA
TEE					
1	1" Dia Tee	1	0%	1	EA
DUCT INSULATION					
1	1 1/2" Thick Fire Retardant Fiberglass with a Reinforced Aluminum Foil Jacket (Assumed)	1166	0%	1166	SF
DUCT WEIGHT					
1	Galvanized Steel Duct Weight	1378	0%	1378	LB
DUCT SUPPORT					
1	3/8" Threaded Rod	18	0%	18	EA
2	1" x 22 Ga. Strap	18	0%	18	EA
3	2"x18 Ga. Band Clamp	5	0%	5	EA

