

## Test A – Take-Off Example

ChopAir is a growing HVAC representative/distributor, currently carrying:

- Epic Fan (HVLS Fans)
- Acme (Fans/Intakes)
- Soler & Palau (Fans/Intakes)
- Ouellet (Electric Heaters)
- Modine (Gas Heaters)
- Schwank (Radiant Tube Heaters, Air Curtains)
- United Enertech (Louvers & Dampers)
- Tuttle & Bailey (Grilles, Registers and Diffusers)
- Hercules (Spiral Duct)
- Critical Environment Technologies (Gas Detection Equipment)
- RuppAir (Make-Up Air Units)
- CaptiveAire (Kitchen Ventilation Systems)

1. Describe what each manufacturer provides as their main product?

At the following link is an example of a Project Plan Set

<http://chopair.com/wp-content/uploads/2026/01/Upl-2-2025-08-07-Addendum-Drawings-REV-1.pdf>

Can you describe what is on the following pages:

- a. Sheet M1.1
  - b. Sheet M1.2
  - c. Sheet M3.1
  - d. Sheet M4.1
2. Of the manufacturers ChopAir sells products for (listed above), which manufacturer and associated products can ChopAir quote on this project?
  3. Perform a quantity takeoff for the following equipment types that ChopAir can sell on this project

<b>Equipment</b>	<b>Qty</b>	<b>Size (Diameter)</b>	<b>Phase/Voltage</b>
HVLS Fans			

<b>Equipment</b>			
Grilles, Registers and Diffusers			
	<b>TAG</b>	<b>QTY</b>	<b>NOTES</b>
	S2		
	S1		
	S3		
	S4		
	R1		
	R		
	R2		
	E1		