United Enertech

(ENGINEERS)

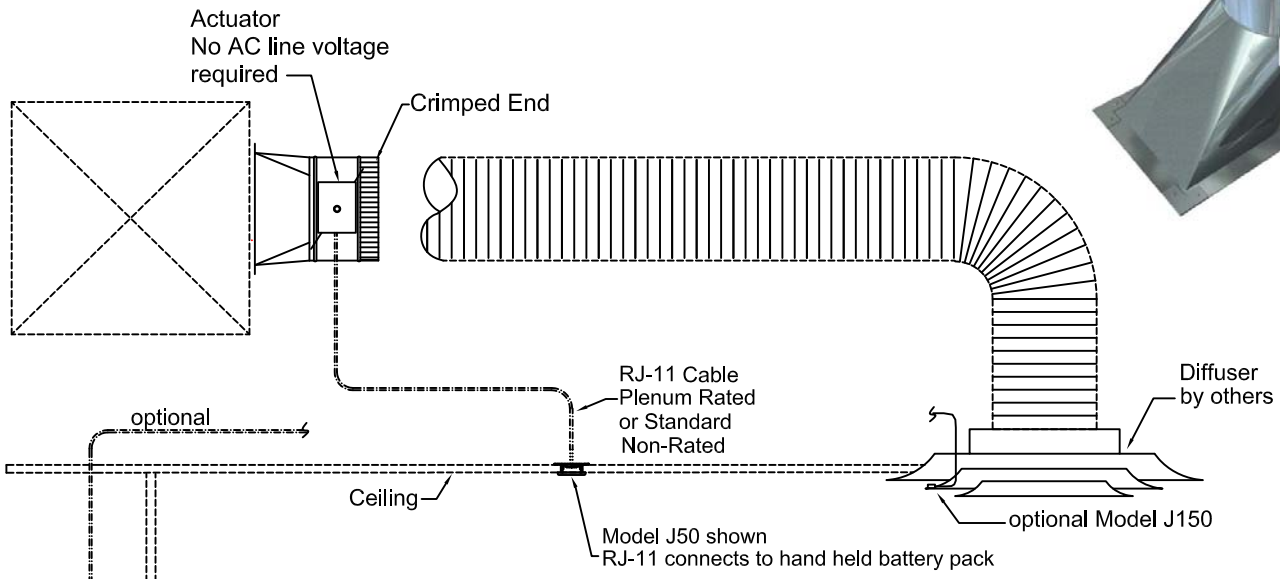
SUBMITTAL DATA

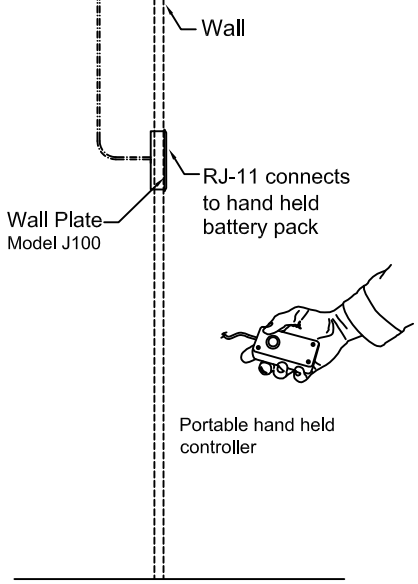
Power / Balance System ™

Model Hi-i-3 (High Efficiency Balance Damper)

Application/Design:

The Model Hi-i-3 was developed for air balancing at supply duct take-offs above ceilings with adjustments accomplished by a hand-held power pack.

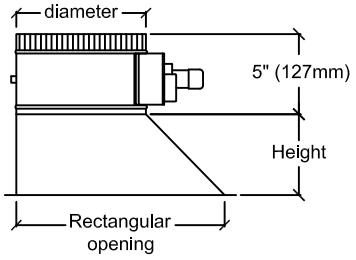




WARRANTY:
To avoid any warranty issues, all components, including those from the wall jack to actuator, must be suplied by United Entertech.

Due to continuing research, United Enertech reserves the right to change specifications without notice.

Model Hi-i-3 (High Efficiency)



DIAMETER	RECTANGULAR OPENING	HEIGHT	*GAUGE
6" (152mm)	12" x 6" (305mm x 152mm)	10-1/2" (267mm)	24 ga
8" (203mm)	12" x 6" (305mm x 152mm)	10-1/2" (267mm)	24 ga
10" (254mm)	16" x 6-3/4" (406mm x 171mm)	11-1/2" (292mm)	24 ga
12" (305mm)	18" x 8-1/2" (457mm x 216mm)	12-1/2" (318mm)	22 ga
14" (356mm)	20" x 9-1/2" (508mm x 241mm)	12-1/2" (318mm)	22 ga
16" (406mm)	24" x 12" (610mm x 305mm)	12-1/2" (318mm)	22 ga
18" (457mm)	26" x 14" (660mm x 356mm)	13-1/2" (243mm)	
20" (508mm)	28" x 16" (711mm x 406mm)	14-1/2" (368mm)	

* Galvanized Steel (std. construction)

RECOMMENDED SPECIFICATIONS

A. The remote control system shall provide means of balancing airflow in ductwork above inaccessible ceilings

B. In these areas, the contractor shall furnish and install Model Hi-i-3 at supply duct take-offs. The drive actuator shall be DC voltage.

C. The contractor shall furnish and install remote plate options of Model J50, J100, or J150 terminal point. Color shall be white unless otherwise specified.

D. The contractor shall connect RJ-11 Plenum Rated or Standard Non-Rated cable from the damper to the Female outlet. Plenum rated cables are capable of lengths up to 1000ft.

E. The balancing shall be achieved with a hand held power pack, utilizing an RJ-11 connector. Contractor shall turn over the hand held power packs to the owner after balancing is complete.

F. The *Power / Balance System*™ shall be manufactured by United Enertech Corporation.

U.S. Pat. No. 8,038,075 Air Damper balancing system and method

Job Name:	DRAWN BY: CLJ	DATE: 2-22-07	REV. DATE: 1-18-11
Location:			
Architect:			
Engineer:	REV. NO. 9	APPROVED BY: BGT	DWG. NO.: **E-4**
Contractor:			