United Enertech

(ENGINEERS)

SUBMITTAL DATA

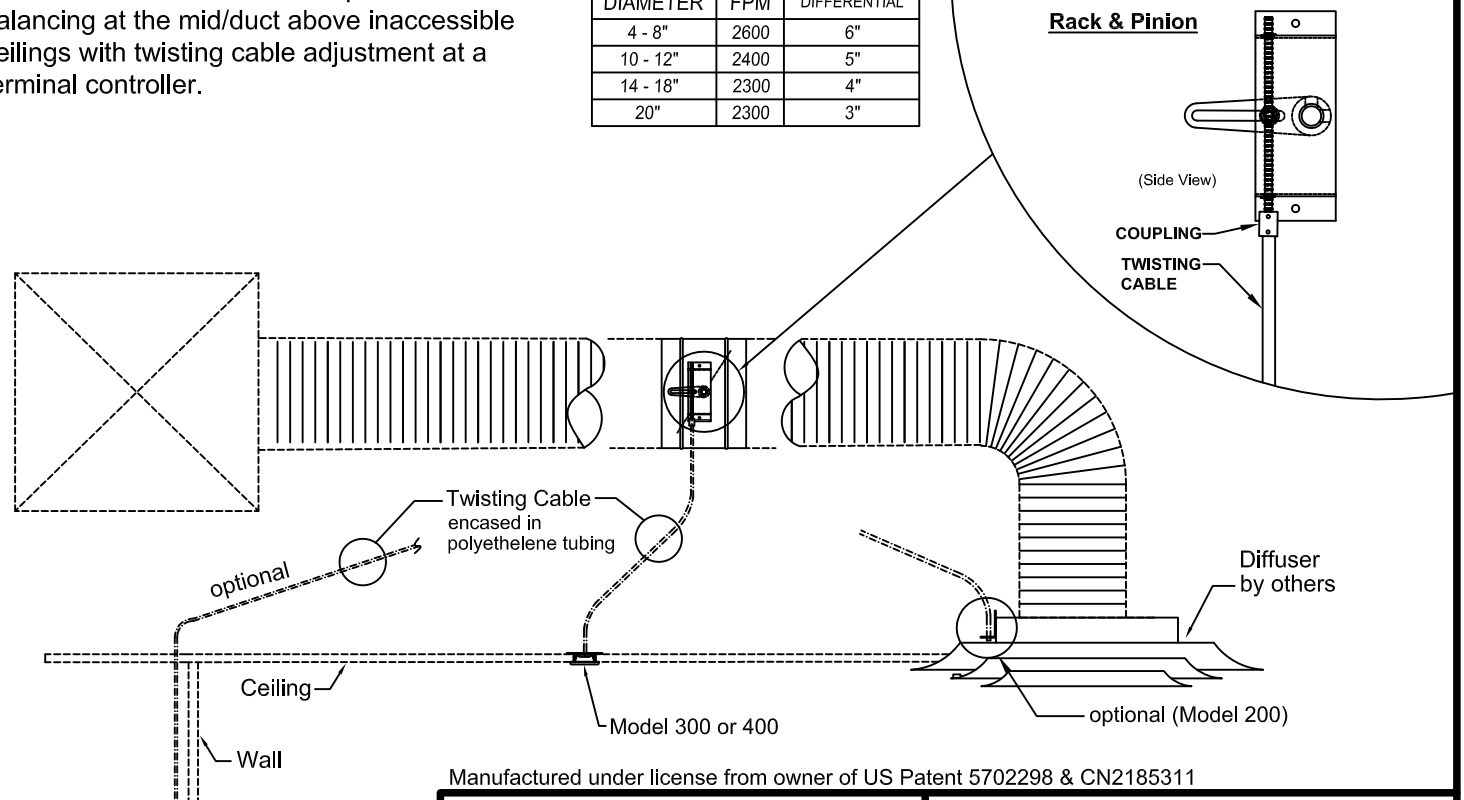
Twisting Cable System

Model RD-RC (Round Single Blade Damper)

Application and Design:

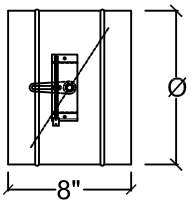
The Model RD-RC was developed for air balancing at the mid/duct above inaccessible ceilings with twisting cable adjustment at a terminal controller.

MAXIMUM VELOCITY		
DIAMETER	FPM	MAX. PRESSURE DIFFERENTIAL
4 - 8"	2600	6"
10 - 12"	2400	5"
14 - 18"	2300	4"
20"	2300	3"



Manufactured under license from owner of US Patent 5702298 & CN2185311

Model RD-RC (Single Blade Damper)



Features: Diameter

Frame: 24 ga galvanized steel (4" -10"Ø)

Frame: 20 ga galvanized steel (12" -20" Ø)

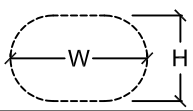
Blade: 24 ga galvanized steel (4" -10"Ø)

Blade: 20 ga galvanized steel (12"-20"Ø)

Bearings: Nylon 6/6 molded synthetic

Axles: Zinc Plated Steel pins

Options:
- ❑ Aluminum Construction
- ❑ Stainless Steel Construction
  - ❑ 304 stainless ❑ 316 stainless
- ❑ Oval Damper
  - W = _____"
  - H = _____"



CABLE LENGTHS	
LENGTH	DAMPER DIAMETER
10 ft.	20"Ø
12 ft.	18"Ø
14 ft.	14"Ø
18 ft.	12"Ø
up to 60 ft.	under 12"Ø

RECOMMENDED SPECIFICATIONS

A. 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 RD-RC in the branch duct.

C. The contractor shall furnish and install remote options of Model 200, 300, 400, 900, or 900-SM Controllers. Model 300 has zinc plated steel faceplate. Cable is capable of lengths of up to 60 feet.

D. The contractor shall connect Twisting braided brass plated cable encased in polyethelene sheath from the damper to the terminal point.

F. The Twisting Cable System shall be manufactured by United Enertech Corporation.

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

Job Name:	DRAWN BY: CLJ	DATE: 9-30-09	REV. DATE: 3-22-09
Location:			
Architect:			
Engineer:	REV. NO. 4	APPROVED BY: BGT	DWG. NO.: D-14
Contractor:			