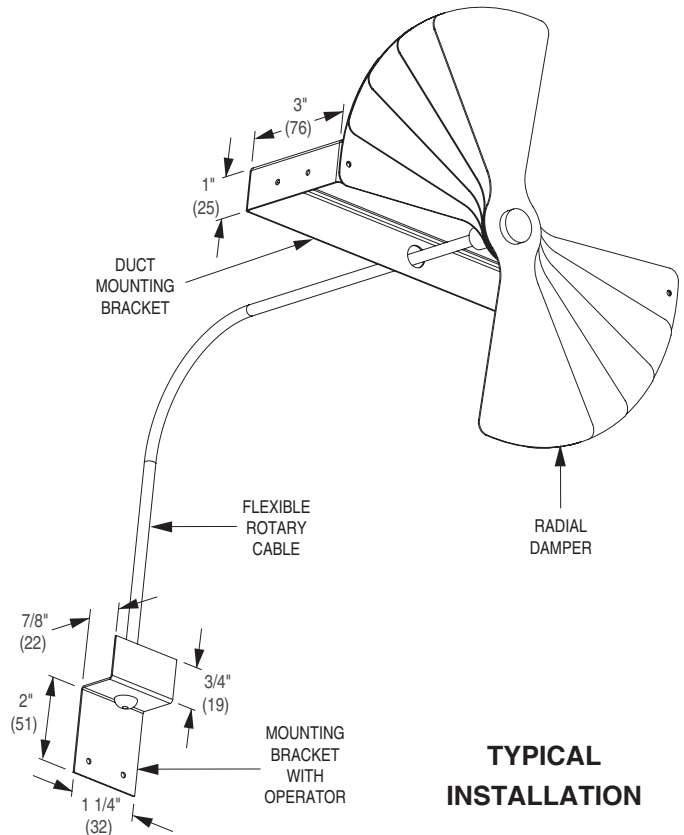




**REMOTE BALANCING DAMPER
CABLE OPERATED
INTERNAL (IN THE DUCT) INSTALLATION
MODEL: RBD-1**

DESCRIPTION:

1. Nailor Model RBD-1 remote balancing dampers have been designed to provide a convenient method for field balancing a ceiling diffuser at the face, while locating the round damper remotely at the branch take-off. A remote damper location is always preferred as it reduces possible noise problems, but with hard ceiling installations access is often difficult or not possible. The RBD-1 may also be used with shorter cable lengths as a field installed option on a slot diffuser plenum inlet.
2. The damper is the well proven and popular radial sliding blade design (Nailor 4250) that permits precise air balancing with an integral duct mounting bracket. A flexible rotary cable connects the damper to a Philips head mounting bracket that allows operation of the damper by turning the screwhead.
3. The flexible cable is routed inside the ductwork and terminated at the diffuser face. Minimum operating radius is 6" (152).
4. Construction: Corrosion resistant steel damper and mounting brackets, mill finish. The flexible steel shaft is a 1/4" (6.35) single wire, around which successive multi-stranded layers of wire are wrapped, brass finish. Ships fully assembled.

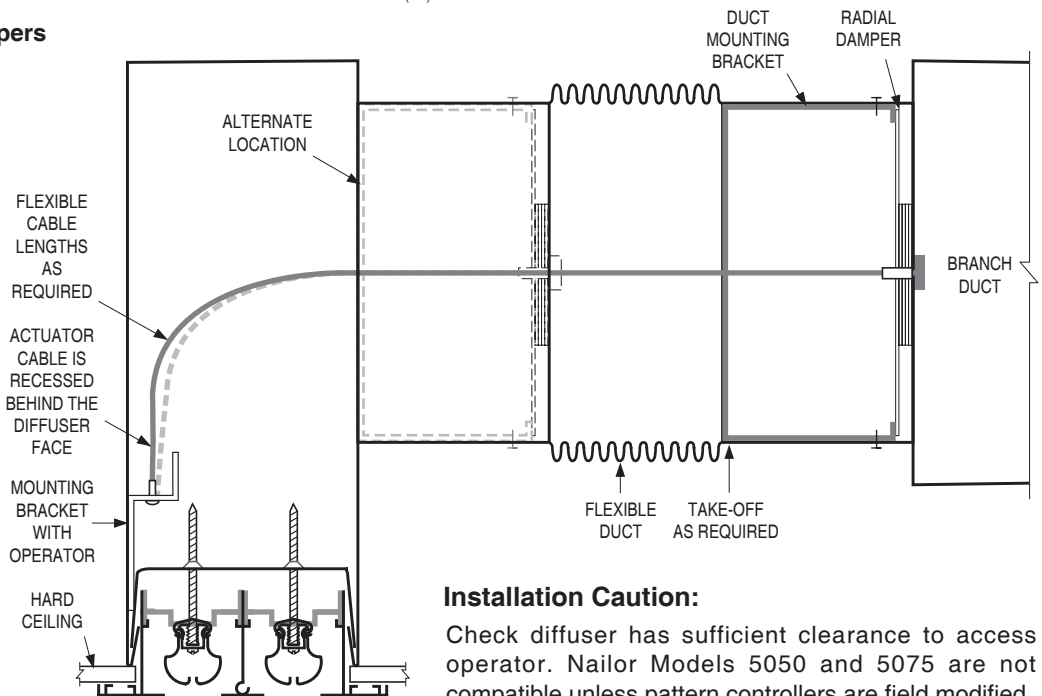


Available Round Duct Dampers

Nominal Damper Size
6" (152) dia.
8" (203) dia.
10" (254) dia.
12" (305) dia.
14" (356) dia.

Standard Cable Length Options

Nominal Cable Length	
12" (305)	72" (1829)
18" (457)	96" (2438)
24" (610)	120" (3048)
36" (914)	144" (3658)
48" (1219)	



Installation Caution:

Check diffuser has sufficient clearance to access operator. Nailor Models 5050 and 5075 are not compatible unless pattern controllers are field modified.

SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

Dimensions are in inches (mm).

DATE

B SERIES

SUPERSEDES

DRAWING NO.

9 - 29 - 21

ACC.AD

NEW

ACC-RBD-1