

ITEM NO.	DRWG./STOCK NUMBER	PART NO.	PART OR ASSY DESCRIPTION	MATE	DWG SIZE	QTY PER UNIT
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RELEASED ENGR. APR 26 2000 BY JM

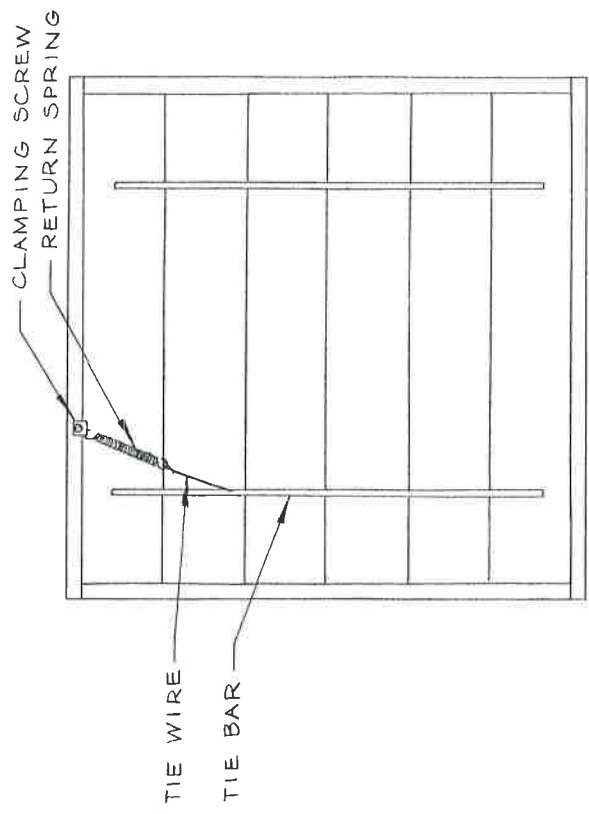


FIGURE 1
BDD24 THRU BDD36

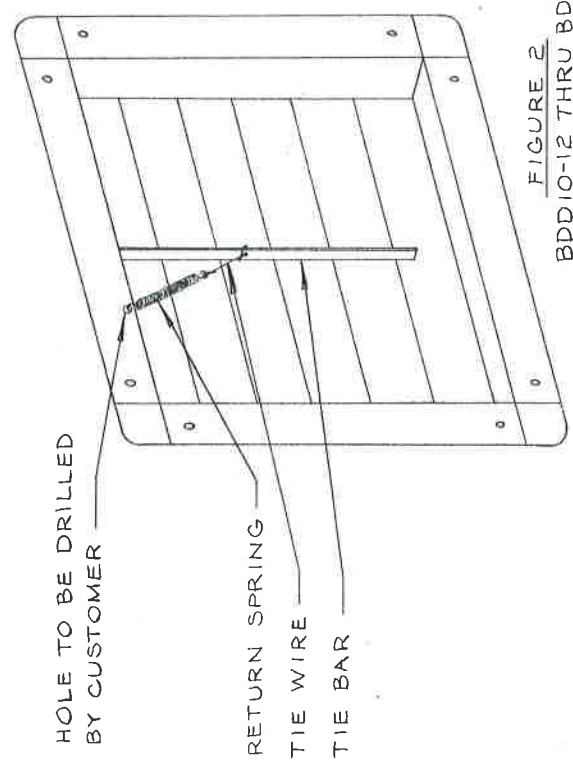


FIGURE 2
BDD10-12 THRU BDD20

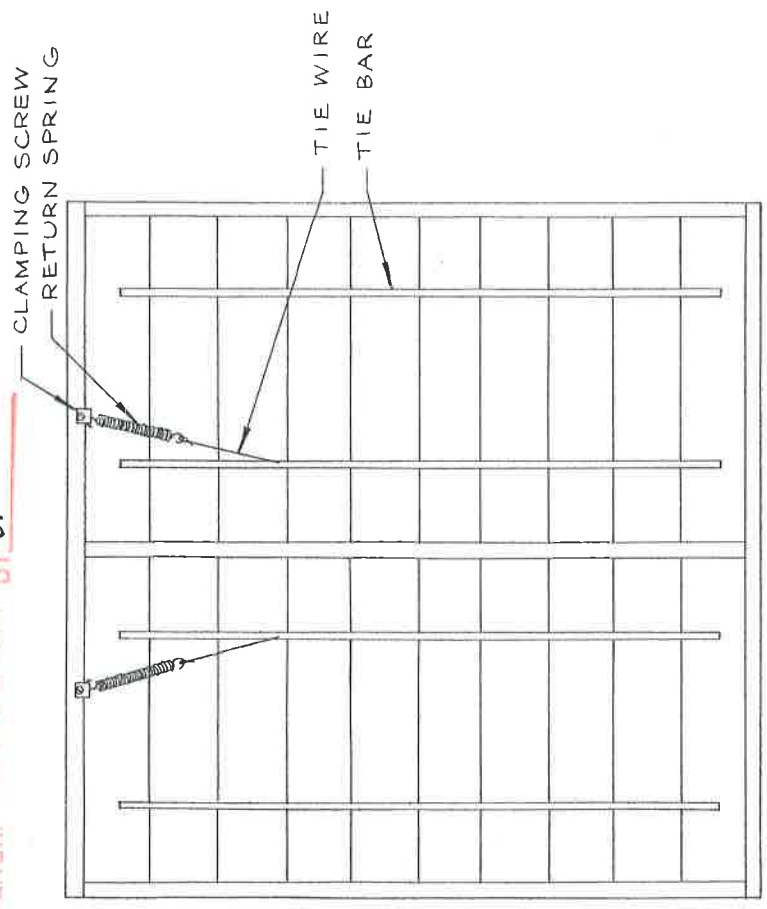


FIGURE 3
BDD42 THRU BDD60

CHECK DAMPER TO INSURE FREE OPERATION OF THE BLADES. THEY SHOULD PIVOT EASILY WITHOUT BINDING. INCLUDED WITH EACH DAMPER ARE THE PROPER QUANTITY OF SPRING ASSEMBLIES. EACH SPRING ASSEMBLY CONSISTS OF A RETURN SPRING, TIE WIRE, CLAMP AND SCREW.
 THE SPRING(S) ARE TO BE MOUNTED AS SHOWN IN FIGURE 1, 2 OR 3 DEPENDING ON THE DAMPER SIZE. MOUNT THE CLAMP TO THE SHUTTER FRAME BY TIGHTENING THE CLAMPING SCREW. (NOTE: ON 10" THROUGH 20" DAMPERS, THE CLAMP IS NOT USED. IT IS NECESSARY TO DRILL A SMALL HOLE IN THE FLANGE. SEE FIGURE 2. ATTACH THE SPRING DIRECTLY TO THE DAMPER.) PUT THE WIRE THROUGH A HOLE IN THE TIE BAR AND TENSION THE SPRING JUST ENOUGH SO THAT THE DAMPER BLADES WILL STAY CLOSED WHEN THE DAMPER IS HORIZONTAL.

ENGINEERING
DEPARTMENT

REV. INSTR.	MLM	1-1587	DO NOT SCALE THIS DRAWING	DATE	APP'D
	REVISION	BY			
MATERIAL					
DESCRIPTION			BACK DRAFT DAMPER SPRING INSTALLATION INSTRUCTIONS		
DR. MLM			SCALE	DWG. NO.	
			NTS	401-162	
			DATE	SHEET	OF
			1-9-87	1	1



Coolair
AMERICAN COOLAIR CORPORATION
Jacksonville, Florida