**ALUMINUM HEAVY DUTY BAR SUPPLY GRILLES Nailor**® GYMNASIUM MODELS: 51D30H-HD(-O), 51D30V-HD(-O), Industries Inc. 51D15H-HD(-O), 51D15V-HD(-O), 51DFH-HD(-O) AND 51DFV-HD(-O) MODEL 51D30H-HD П П П 30° Horizontal Blades ТГ ТТ ТТ ТТ TT TT MODEL 51D30H-HD-O ТГ ТТ ТТ 30° Horizontal Blades ТТ ТТ TT П Т П (Includes O. B. Damper) 0 0 ТГ ТТ ТТ ТТ ТТ ТТ MODEL 51D30V-HD ТТ тт ТТ 30° Vertical Blades ТТ ТТ ТТ П П Т MODEL 51D30V-HD-O П П 30° Vertical Blades (Includes O. B. Damper) 1" (25) 1" (25) MODEL 51D15H-HD 15° Horizontal Blades Ï MODEL 51D15H-HD-O 15° Horizontal Blades 8" (203) MAX. O. C 8" (203) MAX. O. C.-(Includes O. B. Damper) - DUCT - 1/8" (3) DUCT = LISTED SIZE MODEL 51D15V-HD 15° Vertical Blades (25) MODEL 51D15V-HD-O ÷. 15° Vertical Blades (10) (10) DUCT - 1/8" (3) ---JCT = LISTED SIZE DUCT = LISTED SIZE DUCT - 1/8" (3) —
DUCT = LISTED SIZE (Includes O. B. Damper) DUCT + 1 5/8" (41) DUCT MINUS 3/8" (1 (41) 3 3/8" DUCT + 1 5/8" ( DUCT MINUS 3/8 MODEL 51DFH-HD DUCT - 1/8" DUCT - 1/8" 0° Horizontal Blades Ι MODEL 51DFH-HD-O В 0° Horizontal Blades ¥ ¥ REAR REAR RFAR t t <u>\*</u> \* (Includes O. B. Damper) DEFLECTOR DEFLECTOR DEFLECTOR 7/8" VANES VANES 7/8" VANES 7/8" MODEL 51DFV-HD (22) OPTIONAL (22) OPTIONAL (22) OPTIONAL 2" (51) 🔶 . 2" (51) — 2" (51) O.B.D. O.B.D. O.B.D. 0° Vertical Blades 3 3/4" (95) 3 3/4" (95) 3 3/4" (95) MODEL 51DFV-HD-O (WITH O.B.D.) (WITH O.B.D.) (WITH O.B.D.) 0° Vertical Blades Model 51D30H-HD Model 51D15H-HD Model 51DFH-HD Model 51D30H-HD-O Model 51D15H-HD-O Model 51DFH-HD-O (Includes O. B. Damper) (Horizontal Shown) (Horizontal Shown) (Horizontal Shown)

## NOTES:

SCHEDULE TYPE:

- 1. Material: Heavy duty aluminum extrusions.
- 2. Construction: Heavy duty frame is staked and welded for maximum strength. Fixed front bars on 1/2" (13) centers are available in 30°, 15° or 0° deflection to suit air pattern requirement. 0° and 15° models feature 1/8" (3) bars and the 30° model features 1/4" (6) bars. All models are supplied with a set of friction pivoted rear vanes on 3/4" (19) centers that are individually adjustable for directional control and air pattern spread. Bars are reinforced and supported by an additional deep profile cross-bar. Spacing does not exceed 8" (203) on centers.
- 3. Optional opposed blade damper has a screwdriver adjustment accessible through the face of the register.
- 4. The minimum size is 6" x 4" (152 x 102). The maximum size is 48" x 36" (1219 x 914).

- 5. Standard fastening is Type A countersunk screw holes.
- 6. Standard finish is AW Appliance White.

## **OPTIONS:**

- Fastening:
- ☐ Type C Concealed mounting straps [36" x 36" (914 x 914) max.]
- Finish:
- AL Aluminum
- SA Satin Anodized
- SP Special \_\_\_\_\_

Dimensions are in inches (mm)

PROJECT:				
ENGINEER:	DATE	<b>B SERIES</b>	SUPERSEDES	DRAWING NO.
CONTRACTOR:	1 - 16 - 17	5100	2 - 1 - 11	5100-HD-2

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.