



Always a Better Plan

100 Camelot Drive
Fond du Lac, WI 54935
920-926-9800
excelengineer.com

PROJECT INFORMATION

NEW CAR WASH FACILITY:
TSUNAMI EXPRESS CAR WASH
115 E WOLF RUN • MUKWONAGO, WI 53149

PROFESSIONAL SEAL

SHEET DATES

SHEET ISSUE SEP. 5, 2025

REVISIONS

JOB NUMBER

240303900

SHEET NUMBER

H4.1

ROOF HOOD SCHEDULE (RH)

NO.	SERVICE	CFM	THROAT SIZE		MAX. APD "WC	MAT'L	DAMPER	PAINTED FINISH	SCREEN	INSUL. CURB HEIGHT (4)	MODEL	REMARKS
			W	L								
1	O.A. INTAKE	1,200	16	16	0.06	ALUM.	(4)	-	INSECT	24	FGI	"GREENHECK"

- ACCEPTABLE MANUFACTURERS: GREENHECK, COOK, CARNES, ACME, TWIN CITY FAN.
- BIRD SCREEN: 1/2" x 1/2" 19 GAUGE GALVANIZED WIRE.
- INSECT SCREEN: 18x16 ALUMINUM MESH.
- (4) DUCTWORK SHALL BE CONTINUOUS THRU CURB. IF NO DUCTWORK SHOWN, CURB SHALL HAVE INTERIOR LINER TO CONCEAL INSULATION

ROOF CAP SCHEDULE

NO.	SERVICE	TYPE	THROAT	CFM	APD.	SCREEN	DAMPER	MODEL	REMARKS
1	O.A. INTAKE	FLAT	7	20	0.00	BIRD	NO	RCC-7 (1)	"GREENHECK"

- ACCEPTABLE MANUFACTURERS: GREENHECK, CARNES, AMERICAN ALDES, DRYER JACK.
- (1) PROVIDE 18" HIGH ROOF CURB.

SUPPLY GRILLE SCHEDULE (S.G.)

NO.	TYPE	CFM RANGE	NECK/ FACE SIZE	INLET DUCT DIA.	MAT'L	VOL. DMPR	FINISH	FRAME	THROW	MODEL	REMARKS
1-6	LOUVER	0-75	9 X 9	6"	STEEL	(1)	WHITE	LAY-IN	(3)	SMD	"PRICE"
1-12	LOUVER	375-550	15 X 15	12"	STEEL	(1)	WHITE	LAY-IN	(3)	SMD	"PRICE"

- ACCEPTABLE MANUFACTURERS: PRICE, TITUS, CARNES, METALAIRE, ANEMOSTAT, KRUEGER, NAILOR, GREENHECK.
- (1) VOLUME DAMPER AT THE GRILLE INDICATED BY A "D" AFTER THE GRILLE DESIGNATION. EXAMPLE: SG15-BD IS SG15-B WITH A DAMPER.
- (3) NUMBER OF THROW DIRECTION INDICATED ON PLAN BY GRILLE SHADING. SHADED QUADRANT DOES NOT HAVE AIRFLOW.

RETURN GRILLE SCHEDULE (RG)

NO.	TYPE	MAX. CFM	NECK/ FACE SIZE	FLEX. DUCT. DIA.	MAT'L	VOL. DMPR	FINISH	FRAME	MODEL	REMARKS
1-12	LOUVERED	750	22 X 22	12"	STEEL	(1)	WHITE	LAY-IN (3)	530	"PRICE"

- ACCEPTABLE MANUFACTURERS: PRICE, TITUS, CARNES, METALAIRE, ANEMOSTAT, KRUEGER, NAILOR, GREENHECK.
- (1) VOLUME DAMPER AT THE GRILLE INDICATED BY A "D" AFTER THE GRILLE DESIGNATION. EXAMPLE: RG15-BD IS RG15-B WITH A DAMPER.
- (3) SURFACE MOUNT BORDER WITH NO SCREW HOLES FOR LAY-IN APPLICATION.