

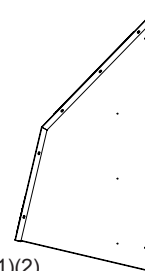
Job Name:

Schedule Reference:

Date:



CM-SD-SG
CM-FRE-SG-(1)(2)



Front and Side Snow/Winds Guard
within photo used as reference only

Complete Low Ambient Kit Includes: Hood with control damper assembly and wind deflectors.

Application Guidelines for using the Mitsubishi CITY MULTI® Low Ambient Kit

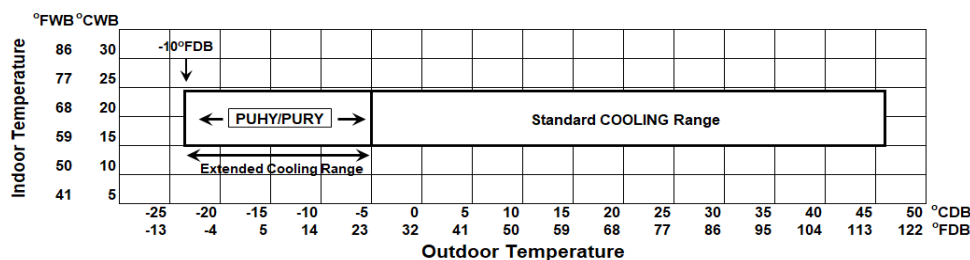
The Mitsubishi CITY MULTI low ambient kit is designed for use with the N-Generation Air Cooled Outdoor Units to provide full cooling capacity down to -10°F outdoor temperature (see chart below).

NOTE for R2 Systems:

*Full cooling capacity down to -10°F.

**In cooling mode or cooling main, to guarantee full cooling capacity, the system must operate with a constant heat load in the zones requiring cooling when ambient temperatures fall below 5°F.

IMPORTANT! The low ambient kit is only active when the outdoor unit is in cooling mode.



- Normal heating performance is unaffected by the low ambient kit.
- Hood and wind deflectors constructed of 20 gauge, hot-dipped galvanized G-90 steel.
- Heavy-duty polyester-based powder paint finish.
- Designed to work with both 208/230 and 460 3-phase units.
- NEMA 4X control box protects electrical components from the elements.
- ETL Recognized Component.
- Kit easily installs and connects to outdoor unit with plug in electrical connections.
- Wind/Snow guards easily install with provided fasteners screws.

NOTES:

- Hood and Wind/Snow deflectors must be used to achieve low operational range.
- Outdoor unit must be mounted at least 12" off the ground or 12" above the highest average snow depth whichever is greater.
- The outdoor unit may require additional mounting restraints depending on the mounting location. See engineering manual or installation instructions for guidelines.
- Clearances for the sides and back of the outdoor unit must be at least 6" greater than standard installation guidelines.

Kit Number	Description	Electrical	Net Weight (lbs)	Ship Weight (lbs)	Carton Dimensions
LAHN-1	Low Ambient Hood Assembly (main) with damper control box For single fan modules ("S") Also combined with LAHN-2 for larger dual fan modules ("XL")	208/230 1-phase .20amp	91	103	43"L x 35-1/2" W x 32" H
LAHN-2	Low Ambient Hood Assembly (sub) Combined with the LAHN-1 for dual fan ("XL") modules	Controlled by LAHN-1	74	86	43"L x 35-1/2" W x 32" H
LAHN-3	Low Ambient Hood Assembly (main) with damper control box For dual fan modules ("L")	208/230 1-phase .20amp	68	79	43"L x 26-3/4" W x 32" H
LAHN-4	Low Ambient Hood Assembly (sub) Combined with the LAHN-3 for dual fan ("L") modules	Controlled by LAHN-3	60	71	43"L x 26-3/4" W x 32" H
CM-SD-SG	Snowguard Side (fits all modules) (1 per box)	N/A	NA	28	27"W x 7"H x 37-1/2"L
CM-FRE-SG-1	Snowguard Front / Rear (S + XL) (1 per box)	N/A	NA	30	20"W x 7"H x 37-1/2"L
CM-FRE-SG-2	Snowguard Front / Rear (L) (1 per box)	N/A	NA	52	27"W x 7"H x 37-1/2"L

Specifications are subject to change without notice.

COMPONENTS

PUHY-P-T(S)NU-A(-BS) SERIES

Unit Model	Module Size			Component Qty						
	S	L	XL	LAHN-1	LAHN-2	LAHN-3	LAHN-4	CM-SD-SG	CM-FRE-SG-1	CM-FRE-SG-2
PUHY-P72(T,Y)NU-A(-BS)	1			1				2	2	
PUHY-P96(T,Y)NU-A(-BS)		1				1	1	2		2
PUHY-P120(T,Y)NU-A(-BS)		1				1	1	2		2
PUHY-P144(T,Y)NU-A(-BS)		1				1	1	2		2
PUHY-P168(T,Y)NU-A(-BS)			1	1	1			2	2	
PUHY-P192(T,Y)SNU-A(-BS)		2				2	2	2		4
PUHY-P216(T,Y)SNU-A(-BS)		2				2	2	2		4
PUHY-P240(T,Y)SNU-A(-BS)		2				2	2	2		4
PUHY-P264(T,Y)SNU-A(-BS)	1	2		1		2	2	2	2	4
PUHY-P288(T,Y)SNU-A(-BS)	1	2		1		2	2	2	2	4
PUHY-P312(T,Y)SNU-A(-BS)	1	2		1		2	2	2	2	4
PUHY-P336(T,Y)SNU-A(-BS)		3				3	3	2		6
PUHY-P360(T,Y)SNU-A(-BS)		3				3	3	2		6
PUHY-P384(T,Y)SNU-A(-BS)		3				3	3	2		6
PUHY-P408(T,Y)SNU-A(-BS)		3				3	3	2		6
PUHY-P432(T,Y)SNU-A(-BS)		3				3	3	2		6

PUHY-(E)P-T(S)NU-A(-BS) SERIES

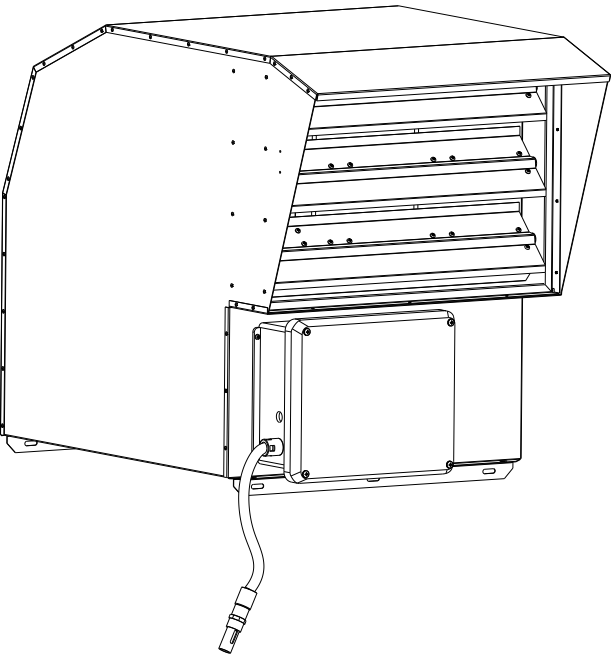
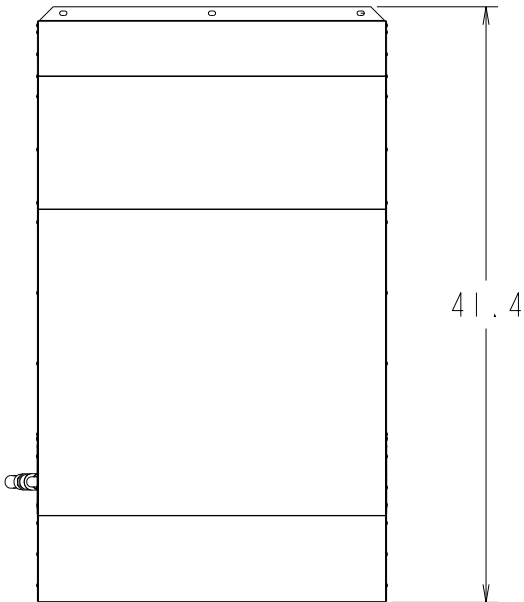
Unit Model	Module Size			Component Qty						
	S	L	XL	LAHN-1	LAHN-2	LAHN-3	LAHN-4	CM-SD-SG	CM-FRE-SG-1	CM-FRE-SG-2
PUHY-EP72(T,Y)NU-A(-BS)	1			1				2	2	
PUHY-EP96(T,Y)NU-A(-BS)		1				1	1	2		2
PUHY-EP120(T,Y)NU-A(-BS)		1				1	1	2		2
PUHY-EP144(T,Y)NU-A(-BS)		1				1	1	2		2
PUHY-EP168(T,Y)NU-A(-BS)			1	1	1			2	2	
PUHY-EP192(T,Y)NU-A(-BS)			1	1	1			2	2	
PUHY-EP192(T,Y)SNU-A(-BS)		2				2	2	2		4
PUHY-EP216(T,Y)SNU-A(-BS)		2				2	2	2		4
PUHY-EP240(T,Y)SNU-A(-BS)		2				2	2	2		4
PUHY-EP264(T,Y)SNU-A(-BS)	1	2		1		2	2	2	2	4
PUHY-EP288(T,Y)SNU-A(-BS)	1	2		1		2	2	2	2	4
PUHY-EP312(T,Y)SNU-A(-BS)	1	2		1		2	2	2	2	4
PUHY-EP336(T,Y)SNU-A(-BS)		3				3	3	2		6
PUHY-EP360(T,Y)SNU-A(-BS)		3				3	3	2		6
PUHY-EP384(T,Y)SNU-A(-BS)		3				3	3	2		6
PUHY-EP408(T,Y)SNU-A(-BS)		3				3	3	2		6
PUHY-EP432(T,Y)SNU-A(-BS)		3				3	3	2		6

PUHY-HP-T(S)NU-A SERIES

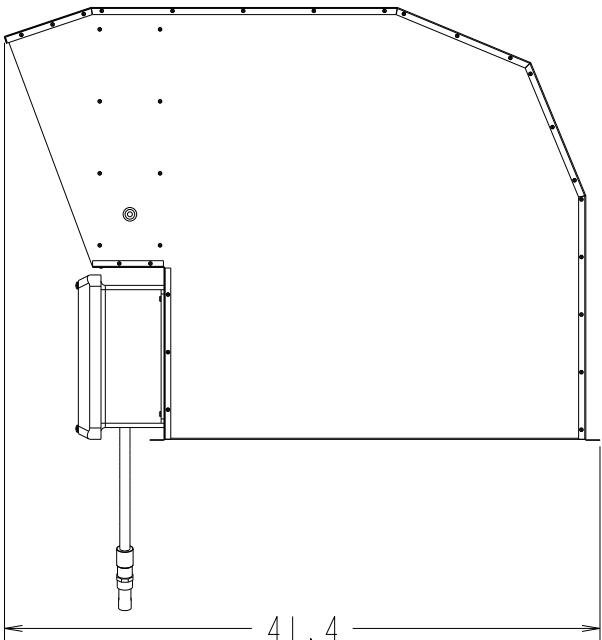
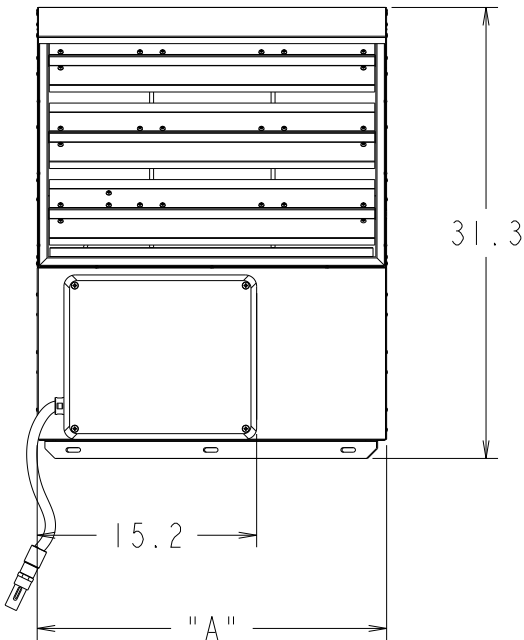
Unit Model	Module Size			Component Qty						
	S	L	XL	LAHN-1	LAHN-2	LAHN-3	LAHN-4	CM-SD-SG	CM-FRE-SG-1	CM-FRE-SG-2
PUHY-HP72(T,Y)NU-A		1				1	1	2		2
PUHY-HP96(T,Y)NU-A		1				1	1	2		2
PUHY-HP120(T,Y)NU-A		1				1	1	2		2
PUHY-HP144(T,Y)SNU-A		2				2	2	2		4
PUHY-HP192(T,Y)SNU-A		2				2	2	2		4
PUHY-HP240(T,Y)SNU-A		2				2	2	2		4

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LAHN-1, LAHN-2, LAHN-3, AND LAHN-4 EXTERNAL DIMENSIONS



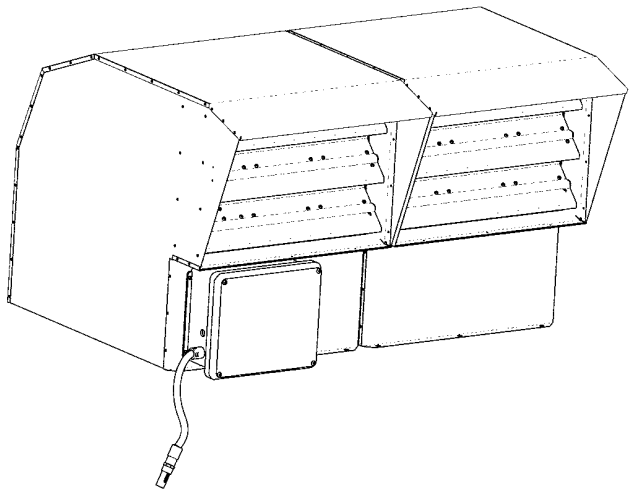
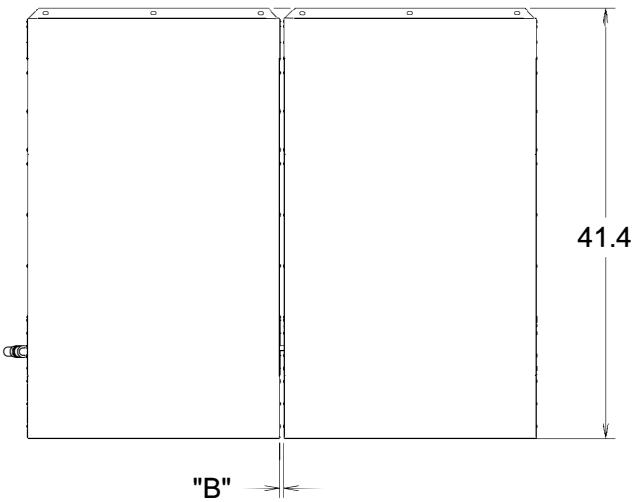
DIM	LAHN-1	LAHN-2	LAHN-3	LAHN-4
"A"	33.34"	33.34"	24.27"	24.27"



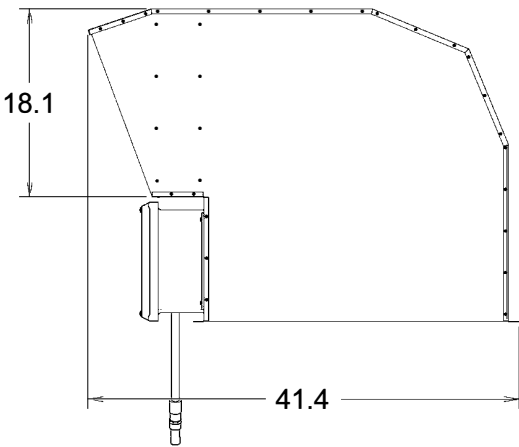
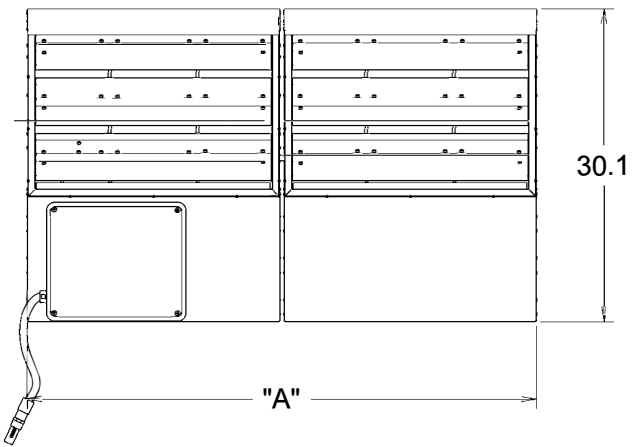
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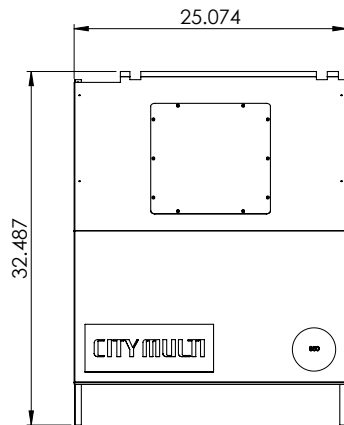
LAHN-1, LAHN-2, LAHN-3, AND LAHN-4 EXTERNAL DIMENSIONS



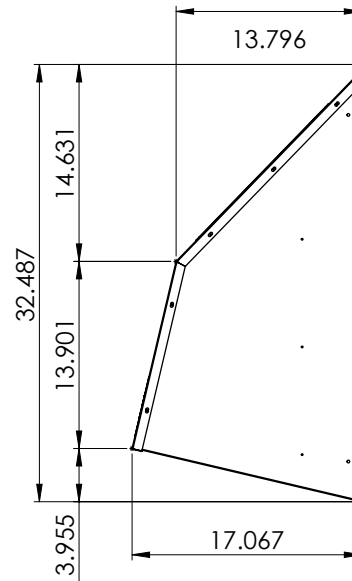
DIM	LAHN-1/LAHN-2	LAHN-3/LAHN-4
"A"	66.93"	48.93"
"B"	0.32"	0.39"



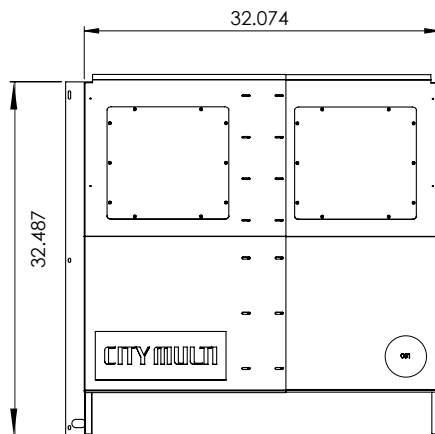
Snow/Wind Guard - Snow Hood - EXTERNAL DIMENSIONS



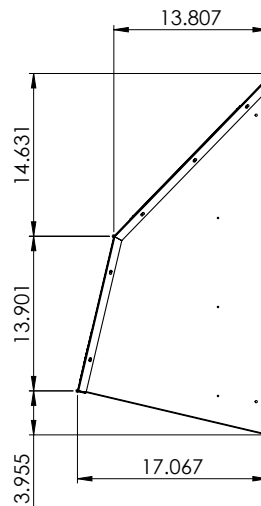
CM-SD-SG



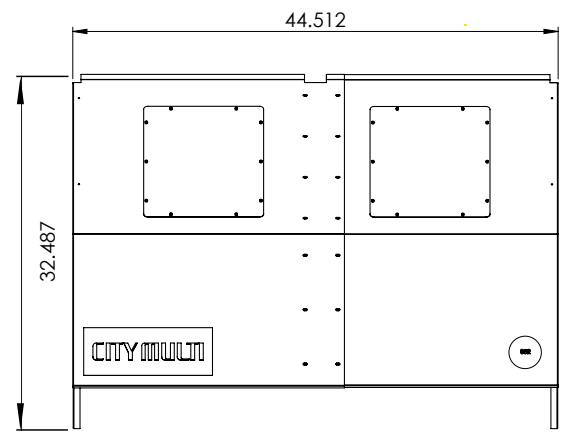
CM-SD-SG



CM-FRE-SG-1



CM-FRE-SG-1
CM-FRE-SG-2



CM-FRE-SG-2

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