

Job Name:

Schedule Reference:

Date:

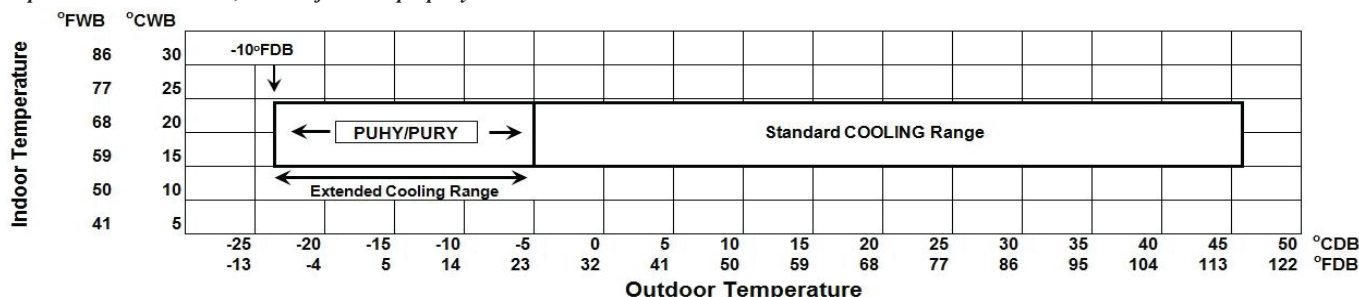
GENERAL FEATURES

- Allows system to operate at 100% COOLING capacity at reduced outdoor temperatures

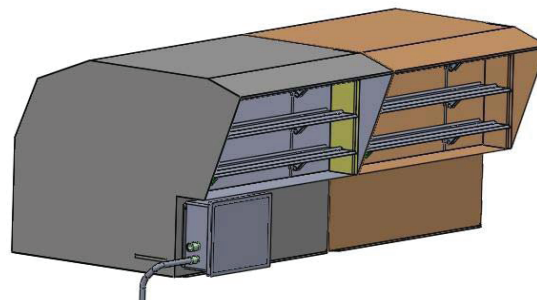
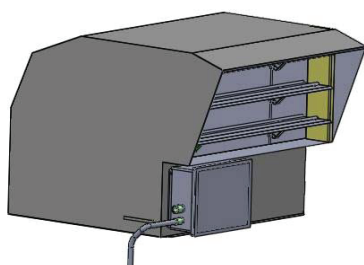
** PUHY Y-Series Outdoor Units - (Now down to -10°FDB Outdoor Temp.)

** PURY R2-Series Outdoor Units - (Now down to -10°FDB Outdoor Temp.)

IMPORTANT! The low ambient hood is only active when the outdoor unit is in cooling mode. On R2 (PURY) systems when the outdoor unit is in heating mode, the hood is inactive. Indoor units that require cooling during this time, when the outdoor temperature is below 21°F, will not function properly.


Patent Pending


- Normal heating performance is unaffected by the low ambient hood.
- Hood constructed of 20 gauge, hot-dipped galvanized G-90 steel.
- Heavy-duty polyester-based powder paint finish.
- Designed to work with 208/230v, 460v and 575v 3-phase units.
- NEMA 4X control box protects electrical components from the elements.
- ETL Recognized Component.
- Hood easily installs and connects to outdoor unit with plug in electrical connections.
- Wind deflectors are easy to install with existing (wire guard) fasteners & provided screws.

**NOTES:**

** Hood and wind deflectors must be used together to achieve low operational range (for cooling operation systems only)

Outdoor unit must be mounted at least 18" off the ground or 12" above the highest average snow level whichever is greater. The outdoor unit may require additional mounting restraints depending on the mounting location. See installation instructions for guidelines.

Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved Snow Guard / Wind Deflectors / Windscreens and accessories for proper functioning of the unit/s. Use of non-MESCA supported Snow Guard / Wind Deflectors / Windscreens and accessories will effect warranty coverage.

SPECIFICATIONS

Part Number	Description	Electrical	Net Wt.	Ship Wt.	Carton Dimensions
					L x W x H
LAHK-1	Low Ambient Hood Assembly (master) with damper control box For single fan modules	208/230 1-phase .20 amp	64 lbs. (29 kg)	70 lbs. (32 kg)	43" L x 36" W x 30-1/2" H (1,092 x 914 x 775 mm)
LAHK-2	Low Ambient Hood Assembly (subordinate) Combined with the LAHK-1 for double fan (P120 and P144) modules	Controlled by LAHK-1	56 lbs. (25 kg)	62 lbs. (28 kg)	43" L x 36" W x 30-1/2" H (1,092 x 914 x 775 mm)

COMPONENTS

Components Required per Outdoor unit(s)

For outdoor units with multiple modules, the minimum 1-3/16" separation between the modules is recommended. If modules are placed farther apart additional component required.

Model No	SIZE			Wind Deflectors		Low Ambient Hood	
				CM-WD-SD-TKMU	CM-WD-RE-TKMU	LAHK-1 (Hood)	LAHK-2 (Hood)
				2PCS/BOX	1PC/BOX		
Application	S	L	XL	Side	Rear		
PUHY-P72TKMU-A	1	-	-	1	1	1	-
PUHY-P96TKMU-A	-	1	-	1	1	1	-
PUHY-P120TKMU-A	-	-	1	1	2	1	1
PUHY-P144TKMU-A	-	-	1	1	2	1	1
PUHY-P144TSKMU-A	2	-	-	1	2	2	-
PUHY-P168TSKMU-A	1	1	-	1	2	2	-
PUHY-P192TSKMU-A	1	-	1	1	3	2	1
PUHY-P216TSKMU-A	-	1	1	1	3	2	1
PUHY-P240TSKMU-A	-	-	2	1	4	2	2
PUHY-P264TSKMU-A	2	-	1	1	4	3	1
PUHY-P288TSKMU-A	1	1	1	1	4	3	1
PUHY-P312TSKMU-A	1	-	2	1	5	3	2
PUHY-P336TSKMU-A	-	1	2	1	5	3	2
PUHY-P360TSKMU-A	-	-	3	1	6	3	3

Model No	SIZE			Wind Deflectors		Low Ambient Hood	
				CM-WD-SD-TKMU	CM-WD-RE-TKMU	LAHK-1 (Hood)	LAHK-2 (Hood)
				2PCS/BOX	1PC/BOX		
Application	S	L	XL	Side	Rear		
PURY-P72TKMU-A	-	1	-	1	1	1	-
PURY-P96TKMU-A	-	1	-	1	1	1	-
PURY-P120TKMU-A	-	-	1	1	2	1	1
PURY-P144TKMU-A	-	-	1	1	2	1	1
PURY-P144TSKMU-A	-	2	-	1	2	2	-
PURY-P168TSKMU-A	-	2	-	1	2	2	-
PURY-P192TSKMU-A	-	2	-	1	2	2	-
PURY-P216TSKMU-A	-	1	1	1	3	2	1
PURY-P240TSKMU-A	-	-	2	1	4	2	2
PURY-P264TSKMU-A	-	-	2	1	4	2	2
PURY-P288TSKMU-A	-	-	2	1	4	2	2

Model No	SIZE			Wind Deflectors		Low Ambient Hood	
				CM-WD-SD-TKMU	CM-WD-RE-TKMU	LAHK-1 (Hood)	LAHK-2 (Hood)
				2PCS/BOX	1PC/BOX		
Application	S	L	XL	Side	Rear		
PUHY-P72TLMU-A	1	-	-	1	1	1	-
PUHY-P96TLMU-A	-	1	-	1	1	1	-
PUHY-P120TLMU-A	-	-	1	1	2	1	1
PUHY-P144TLMU-A	-	-	1	1	2	1	1
PUHY-P144TSLMU-A	2	-	-	1	2	2	-
PUHY-P168TLMU-A	-	-	1	1	2	1	1
PUHY-P168TSLMU-A	1	1	-	1	2	2	-
PUHY-P192TSLMU-A	1	-	1	1	3	2	1
PUHY-P216TSLMU-A	-	1	1	1	3	2	1
PUHY-P240TSLMU-A	-	-	2	1	4	2	2
PUHY-P264TSLMU-A	2	-	1	1	4	3	1
PUHY-P288TSLMU-A	1	1	1	1	4	3	1
PUHY-P312TSLMU-A	1	-	2	1	5	3	2
PUHY-P336TSLMU-A	-	1	2	1	5	3	2
PUHY-P360TSLMU-A	-	-	3	1	6	3	3

Model No	SIZE			Wind Deflectors		Low Ambient Hood	
				CM-WD-SD-TKMU	CM-WD-RE-TKMU	LAHK-1 (Hood)	LAHK-2 (Hood)
				2PCS/BOX	1PC/BOX		
Application	S	L	XL	Side	Rear		
PURY-P72TLMU-A	1	-	-	1	1	1	-
PURY-P96TLMU-A	-	1	-	1	1	1	-
PURY-P120TLMU-A	-	-	1	1	2	1	1
PURY-P144TLMU-A	-	-	1	1	2	1	1
PURY-P144TSLMU-A	2	-	-	1	2	2	-
PURY-P168TLMU-A	-	-	1	1	2	1	1
PURY-P168TSLMU-A	1	1	-	1	2	2	-
PURY-P192TSLMU-A	-	2	-	1	3	2	-
PURY-P216TSLMU-A	-	1	1	1	3	2	1
PURY-P240TSLMU-A	-	-	2	1	4	2	2
PURY-P264TSLMU-A	-	-	2	1	4	2	2
PURY-P288TSLMU-A	-	-	2	1	4	2	2
PURY-P312TSLMU-A	-	-	2	1	4	2	2
PURY-P336TSLMU-A	-	-	2	1	4	2	2

Model No	SIZE			Wind Deflectors		Low Ambient Hood	
				CM-WD-SD-TKMU	CM-WD-RE-TKMU	LAHK-1 (Hood)	LAHK-2 (Hood)
				2PCS/BOX	1PC/BOX		
Application	S	L	XL	Side	Rear		
PUHY-P72ZKMU-A	1	-	-	1	1	1	-
PUHY-P96ZKMU-A	-	1	-	1	1	1	-
PUHY-P120ZKMU-A	-	-	1	1	2	1	1
PUHY-P144ZKMU-A	-	-	1	1	2	1	1
PUHY-P168ZSKMU-A	1	1	-	1	2	2	-
PUHY-P192ZSKMU-A	1	-	1	1	3	2	1
PUHY-P216ZSKMU-A	-	1	1	1	3	2	1
PUHY-P240ZSKMU-A	-	-	2	1	4	2	2
PUHY-P264ZSKMU-A	2	-	1	1	4	3	1
PUHY-P288ZSKMU-A	1	1	1	1	4	3	1
PUHY-P312ZSKMU-A	1	-	2	1	5	3	2
PUHY-P336ZSKMU-A	-	1	2	1	5	3	2
PUHY-P360ZSKMU-A	-	-	3	1	6	3	3

Model No	SIZE			Wind Deflectors		Low Ambient Hood	
				CM-WD-SD-TKMU	CM-WD-RE-TKMU	LAHK-1 (Hood)	LAHK-2 (Hood)
				2PCS/BOX	1PC/BOX		
Application	S	L	XL	Side	Rear		
PURY-P72ZKMU-A	1	-	-	1	1	1	-
PURY-P96ZKMU-A	-	1	-	1	1	1	-
PURY-P120ZKMU-A	-	-	1	1	2	1	1
PURY-P144ZKMU-A	-	-	1	1	2	1	1
PURY-P168ZSKMU-A	1	1	-	1	2	2	-
PURY-P192ZSKMU-A	-	2	-	1	2	2	-
PURY-P216ZSKMU-A	-	1	1	1	3	2	1
PURY-P240ZSKMU-A	-	-	2	1	4	2	2
PURY-P264ZSKMU-A	-	-	2	1	4	2	2
PURY-P288ZSKMU-A	-	-	2	1	4	2	2

DIMENSIONS

Low Ambient Hood LAHK-1 (used alone for single fan modules P72 and P96 sizes).

Low Ambient Hood LAHK-1 with LAHK-2 (combined for dual fan (P120 and P144) modules).

