

Installation/Operation

Applies to: Models YDHA, YDMA, and YDSA Packaged Rooftop Equipment



**R-410A
Refrigerant**

DANGER:

This unit contains R-410A high pressure refrigerant. Hazards exist that could result in personal injury or death. Installation, maintenance, and service should only be performed by an HVAC technician qualified in R-410A refrigerant and using proper tools and equipment. Due to much higher pressure of R-410A refrigerant, **DO NOT USE** service equipment or tools designed for R22 refrigerant.

WARNING:

FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury, death, or property damage.

Be sure to read and understand the installation, operation, and service instructions in this manual.

Improper installation, adjustment, alteration, service, or maintenance can cause serious injury, death, or property damage.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS**
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Leave the building immediately.
 - Immediately call your gas supplier from a phone remote from the building. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency, or the gas supplier.

Controls Options						
Option	PN	Description	Cabinet Size/Option Availability			
			0	1 (a)	2	3
CL23	257338	24v 2-stage heating/cooling touch screen prog thermostat	No	Yes	Yes	Yes
CL33	221038	Electronic 24v prog thermostat for up to 3 stages heating and or cooling	No	Yes	Yes	Yes
CL78	272631	Wall mounted DDC temperature monitor and setpoint adjustment	Yes	Yes	Yes	Yes
BD5	152632	Firestat 200°F	Yes	Yes	Yes	Yes
BE15	256975	Space CO ₂ sensor (range 0–2000 ppm)	Yes	Yes	Yes	Yes
BE17	259076	Smoke detector (photoelectric)	Yes	Yes	Yes	Yes
RB5	260436	Wall mounted remote monitoring display	Yes	Yes	Yes	Yes
RB6	272407	Hand held remote display with cable	Yes	Yes	Yes	Yes
(a) Cabinet size 0 or 1 not available with YDSA model						

Curb Options						
Option	Description	Notes	Cabinet Size/Option Availability and PN			
			0*	1*	2	3
CJ31	16" high full perimeter roof curb, bottom duct connections, exposed external insulation	Units without Energy Recovery	Yes	Yes	Yes	Yes
			PN 1011137	PN 272399	PN 272403	PN 284223
CJ48	36" high full perimeter curb for pad mounting, horizontal discharge, double wall insulation in air plenum section	Units without Energy Recover	YES	Yes	Yes	Yes
			PN 1011138	PN 272400	PN 272404	PN 284224
CJ 34	16" high full perimeter roof curb for units with ERM, bottom duct connections, exposed external insulation	Units with Energy Recovery	No	Yes	Yes	Yes
			—	PN 272401	PN 272405	PN 284223
CJ55	36" high full perimeter roof curb for pad mounting for units with ERM, horizontal discharge, double wall insulation in air plenum section	Units with Energy Recovery	NO	Yes	Yes	Yes
			—	PN 272402	PN 272406	PN 284224
*Cabinet size 0 or 1 not available with YDSA model						