ZONE REGISTER TERMINAL (ZRT®)

SELECTION GUIDE

AIRFLOW & ZONE CONTROL

Made in USA

WARRANTY 3 YEARS

Patent pending

ETL CLASSIFIED — Intertek

MODEL NAME DESCRIPTION	USE		MOUNTING			GRILLE INCLUDED	CEILING RADIATION OR FIRE DAMPER INCLUDED
	EXHAUST	SUPPLY	CEILING	WALL	IN-LINE		
ZRT® Zone Register Terminal	X		X			X	
ZRT-S Zone Register Terminal		X	X			X	
ZRT-F Zone Register Terminal with Ceiling Radiation Damper	X		X			X	X
ZRT-S-F Zone Register Terminal with Ceiling Radiation Damper		X	X			X	X
ZRT-W Wall-Mount Zone Register Terminal	X			X		X	
ZRT-WS Wall-Mount Zone Register Terminal		X		X		X	
ZRT-W-F Wall-Mount Zone Register Terminal with Fire Damper	X			X		X	X
ZRT-WS-F Wall-Mount Zone Register Terminal with Fire Damper		X		X		X	X
ZRT-IL In-Line Zone Terminal	X	X			X		

MODEL NAME DESCRIPTION Compatable with **CAR-II** & **CAR3**	SETPOINTS		MOUNTING			STATIC PRESSURE RANGE	
	2	3	CEILING	WALL	IN-LINE	STANDARD	HIGH
ZRT-PDIL	X				X	X	
ZRT-PDIL-HP	X				X		X
ZRT-3PDIL		X			X	X	
ZRT-3PDIL-HP		X			X		X

How to Specify Aldes: ZRT®

Step 1: Reference the model code below to select the appropriate ZRT®.

Step 2: Determine the **SERIES** required for your specific project.

NOTE: The ZRT is available with or without a minimum flow option for application requiring low volume continuous airflows. The minimum flow control equips a CAR3 to provide a balanced minimum airflow rate. Factory calibration of the minimum flow CAR3 is available on request.

Step 3: Select the required **SIZE.**

Step 4: Select the required motor based on available **POWER.**

Step 5: If equipped, select the **MAXIMUM FLOW CONTROL.**

NOTE: The different size models have different airflow ranges.

Model Code Example

ZRT-2-4-24MAX

PARENT MODEL
Zone Register Terminal

SERIES
1: No Minimum Flow Control
2: With Minimum Flow Control

SIZE
4: 8" x 8" Grille w/ 4" collar
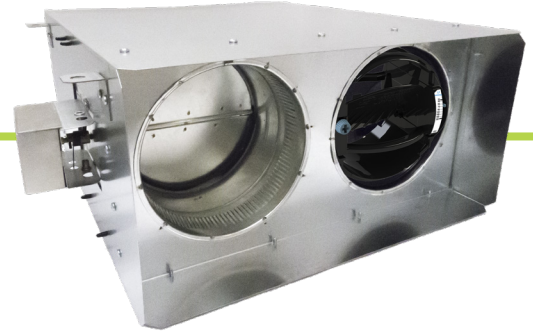6: 10" x 10" Grille w/ 6" collar

POWER
24: 24 V/60Hz
120: 120 V/60Hz
230: 230 V/50Hz

MAXIMUM FLOW CONTROL
Blank: No Maximum Flow Control
Max: With Maximum Flow Control

How to Specify Aldes: ZRT-PDIL

Step 1: Reference the model code below to select the appropriate ZRT-PDIL.

Step 2: Determine the required **DUCT SIZE.**

Step 3: Select the required **MOTOR VOLTAGE.**

Step 4: Select the desired **CONTINUOUS CFM** for low volume continuous ventilation.
NOTE: The continuous rate is always active.

Step 5: Select the necessary **BOOST CFM** for intermittent high-volume ventilation.
NOTE: The boost rate is normally off and powered on. The boost rate adds to the continuous rate. Ex. If the continuous rate is 50 CFM and the boost is 250 CFM, when powered the ZRT-PDIL will provide 300 CFM. See example below.

Model Code Example

PARENT MODEL
ZRT-PDIL

DUCT SIZE
12" x 6"
16" x 8"
20" x 10"
24" x 12"

MOTOR VOLTAGE
24: 24 VAC
120: 120 VAC

CONTINUOUS CFM
12" x 6": 15-85 CFM
16" x 8": 15-260 CFM
20" x 10": 15-295 CFM
24" x 12": 15-410 CFM

BOOST CFM
12" x 6": 15-85 CFM
16" x 8": 15-260 CFM
20" x 10": 15-295 CFM
24" x 12": 15-410 CFM

PARENT MODEL
Parallel Damper In-Line Zone Terminal

| ZRT | - | PDIL | - | 16x8 | - | 120 | - | 250 | / | 50 |

DUCT SIZE
16x8 = 16" x 8"

MOTOR VOLTAGE
120 = 120 VAC

CONTINUOUS CFM
250 CFM

BOOST CFM
50 CFM