C-AIRE® COMPRESSORS

WHISPER QUIET SERIES

Digital Air Maintenance Device (AMD) GEN-3 with Leak Detection™

(See reverse)

PRODUCT NUMBERING SYSTEM

S281R - LD1 - 115PD

MOUNTING OPTIONS	PHASE	VOLTAGE	ADDITIONAL OPTIONS
R: Riser Mount	**1:** Single Phase	115	**P:** Prewired Power Cord w/o Plug **D:** Digital AMD Gen-3

- ✓ Digital AMD Gen-3 with Leak Detection™
- ✓ Appropriate for single-valve systems
- ✓ Whisper quiet
- ✓ Oil-free and low maintenance
- ✓ 1-year warranty
- ✓ Low vibration
- ✓ Fast and simple installation
- ✓ Compact design
- ✓ Versatile mounting to riser or wall
- ✓ CAD & Revit files available
- ✓ ETL Listed for Fire Protection (UL 1450 & CSA C22.2 No. 68-92)

SYSTEM SIZE	PSI	GAL
PRE-ACTION	10	1253
LOW PRESSURE	18	696
STANDARD PRESSURE	40	313

IDEAL FOR QUIET SETTINGS

NURSING HOMES · CHURCHES · APARTMENT BUILDINGS

TECHNICAL SPECIFICATIONS

HORSEPOWER	1
PRESSURE SWITCH	Digital AMD GEN-3 Adjustable 5-55 PSI Factory Set at 10-20 PSI Minimum Differential: 5 PSI
CFM	3.8 @ 10 PSI
PUMP	2 Cylinder, Oil-Free
NOISE LEVEL	56 dBA
OUTLET	1/2" NPT
DIMENSIONS (LxDxH)	14" x 13" x 14"
SHIPPING WEIGHT	56 lbs.

ELECTRICAL SPECIFICATIONS

PHASE/ VOLTS	FULL LOAD AMPS	BREAKER SIZE (A)	WIRE SIZE (AWG)		
			25'	50'	75'
1/115	8.5	15	14	12	10

ACCESSORIES INCLUDED

Mounting bracket w/hose clamps and mounting hardware

1/2" x 30" flexible hose

Power cord without plug for installation/testing. Refer to the authority having jurisdiction for hard wiring requirements.

ACCESSORIES AVAILABLE

Floor Mounting Kit
Part: INSTALL-S28

1/2" x 30" stainless steel flexible hose
Part: DT 3005 H

1/2" x 48" flexible hose
Part: DT 4805 H

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Digital Air Maintenance Device (AMD) GEN-3 with Leak Detection™

FEATURES

- Digitally set system pressure in seconds
- For use on single valve systems
- IP65 water resistance rated (NEW!)
- Flash memory
- Measures system air leaks (NEW!)
- Tamper proof lock-out setting
- Ceramic digital pressure sensor (NEW!)
- 304 stainless steel housing (NEW!)

Digital Air Maintenance Device (AMD) GEN-3 with Leak Detection™

Leak Detection™ quantifies the amount of air leaking from the system by tracking the total number of starts during two trailing periods. On site users can quickly access the total number of starts during the past 24 hours and 7 days to determine leak severity and identify trends. Additionally, if repairs to leaks have been made, Leak Detection™ can be used to measure what percent of total leaks have been sealed.

Data can be entered on our website for a detailed assessment of leaks, as well as determine if the leaks are within compliance of NFPA standards.

Listings:
Air Maintenance Device
USA: UL 508
Canada: C22.2 No. 14
Patent Pending

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