Cleveland

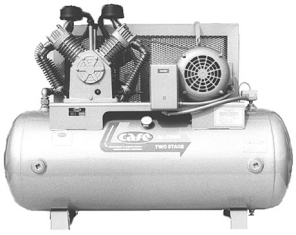
COMPRESSED AIR SYSTEMS & REFRIGERATED AIR DRYERS

Project _____
Item _____
Quantity _____
FCSI Section 11400 _____
Approved _____
Date _____

Cook Chill Systems

Models

- CAS5 (VERTICAL)
- CAS7.5 (VERTICAL)
- CAS10 (HORIZONTAL)
- CAS15 (HORIZONTAL)
- CAS20 (HORIZONTAL)



CAS10



CAS7.5

COMPRESSED AIR SYSTEMS

Standard Features

- Air Compressor mounted on A.S.M.E. rated Receiver Tank
- Baldor high efficiency Motor
- Magnetic Starter with Thermal Overloads, completely wired and mounted
- Balanced Pump, external and internal
- Cast Iron Cylinders
- Forged Crankshaft and Pistons
- High quality cast iron Piston Rings
- Cast aluminum Finned Inner Coolers
- Inner Cooler Safety Valve
- Manual Drain for Air Receiver Tank
- Automatic Start and Stop Control
- 14 gauge Belt Guard
- 1/2" Combination Filter/Pressure Regulator/Guage
- 80 gallon Receiver Tank for CAS-5 & CAS-7.5
- 120 gallon Receiver Tank for CAS-10, 200 gal for CAS-15 & CAS-20
- Accepted for use in U.S.D.A. Inspected Facilities

Short Form Specifications

Shall be CLEVELAND Model CAS _____, COMPRESSED AIR SYSTEM, consisting of Air Compressor & Receiver Tank, ___ H.P. (horse power); High efficiency Baldor Motor with magnetic Starter, Automatic Start and Stop Control; balanced External and Internal Pump; 14 gauge Steel; Belt Guard; 1/2" combination Filter / Pressure Regulator; _____ gallon Receiver Tank.

Options & Accessories

- Vibration Isolation Pads (set of four)
- 3/4" Diameter Stainless Steel Flex Hose
- Refrigerated Air Dryer with 37˚F Dew Point
- Programmable, Automatic Drain Valve for Receiver Tank
- Larger models availabe on request

Models

- CASAHT30 (FOR CAS5)
- CASAHT35 (FOR CAS7.5)
- CASAHT50 (FOR CAS10/15)
- CASAHT75 (FOR CAS20)



REFRIGERATED AIR DRYERS

Standard Features

- Refrigerated air dryer for high inlet temperature
- Unique aluminum technology heat exchanger design
- Precise pressure dew point control over full operating range
- Solid State Controller
- Integrated after-cooler and 3-micron filter / separator
- Dual timed electronic drains with isolation valve and strainer
- Illuminated ON/OFF switch
- Drain set and push to test buttons
- Hot gas by-pass capillary tube controls
- R134A and R407C refrigerant for environmentally friendly applications

Short Form Specifications

Shall be Cleveland Model CASAHT _____, Refrigerated Air Dryer for Series "CAS" Compressed Air Systems; precise pressure dew point control over full operating range; dual, programmable electronic timer drains; integrated after-cooler and 3-micron filter / separator; "ACT" aluminum cooling technology for efficient heat transfer, reduced energy consumption and low pressure drop.

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Mayfield Village, Ohio 44143

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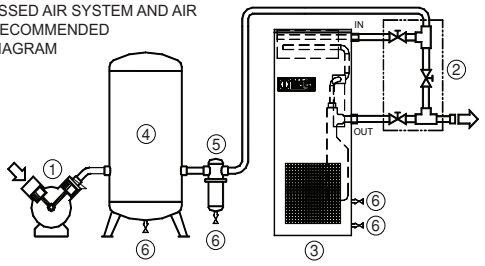
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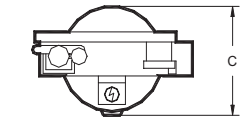
Cleveland

Cook Chill Systems

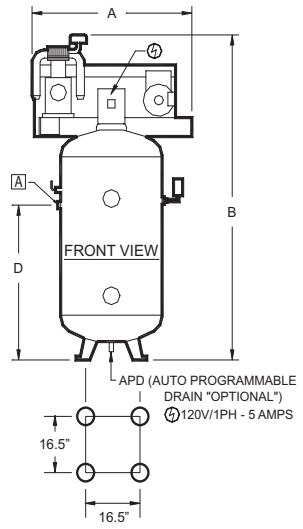
COMPRESSED AIR SYSTEM AND AIR DRYER RECOMMENDED PIPING DIAGRAM



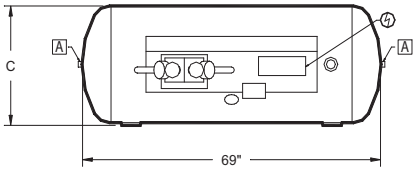
1. Air Compressor
2. By-Pass Group
3. AHT Dryer
4. Compressed Air Tank
5. Filter (supplied by installer)
6. Condensate Drain



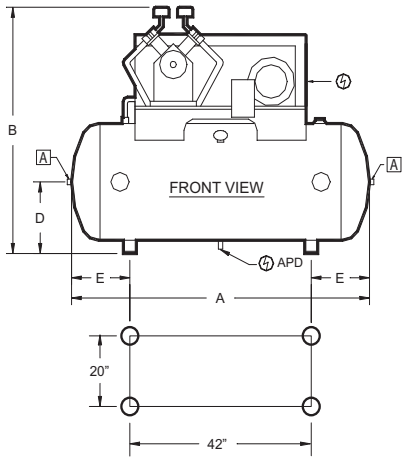
PLAN VIEW



CAS-5 & CAS-7.5

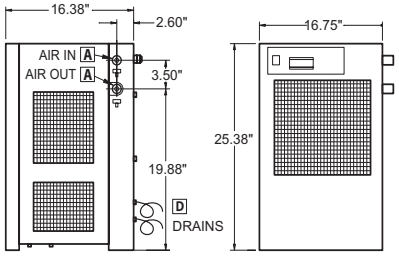


PLAN VIEW



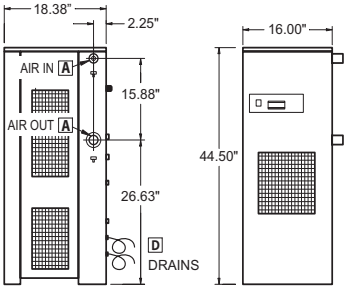
CAS-10, CAS-15 & CAS-20

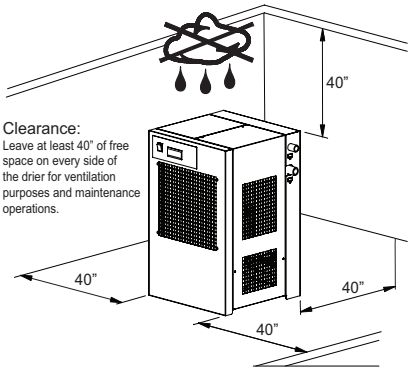
CAS-AHT-20, 30, 40 & 50



Drain: Each dryer comes fitted with flexible plastics tubing (1/4"dia. x 60"L).

CAS-AHT-75





AIR COMPRESSOR MODELS	A	B	C	D	E	CAPACITY AT 175 PSIG	AIR OUTLET [A]	DRAIN D	ELECTRICAL 208/3/60 ⚡
CAS5	37″	74″	26″	40 1/2″	-	18.0 CFM	1/2″ NPT	1/4″ NPT	17.5 AMPS
CAS7.5	37″	79″	26″	40 1/2″	-	23.7 CFM	3/4″ NPT	1/4″ NPT	25.3 AMPS
CAS10	69″	55″	30″	16″	13 1/2″	33.7 CFM	3/4″ NPT	1/4″ NPT	32.2 AMPS
CAS15	69″	55″	30″	16″	13 1/2″	47.3 CFM	1 1/4″ NPT	1/4″ NPT	48.6 AMPS
CAS20	69″	55″	30″	16″	13 1/2″	58.4 CFM	1 1/4″ NPT	1/4″ NPT	62.1 AMPS

REFRIGERATED AIR DRYER MODELS	AIR [A]	AIR FLOW	REPLACEMENT FILTER ELEMENT	REFRIGERANT	DRAIN FLEXIBLE TUBING [D]	ELECTRICAL 115/1/60* AMPS ⚡	SHIPPING WEIGHT APPROXIMATE
CASAHT30 (for CAS5)	3/4″	25 SCFM	TP30	R513A	1/4″	4.4	110 lbs
CASAHT35 (for CAS7.5)	3/4″	35 SCFM	TBD	R513A	1/4″	5.6	117 lbs
CASAHT50 (for CAS10/15)	3/4″	60 SCFM	TBD	R513A	1/4″	5.3	123 lbs
CASAHT75 (for CAS20)	3/4″	80 SCFM	TBD	R513A	1/4″	6.7	128 lbs

*Comes standard with Cord & Plug

Cleveland Range reserves right of design improvement or modification, as warranted.

(NOT TO SCALE)

Note: Updated 7/2026 to match Deltech's DRHT sell sheet (SCFM, R513A, CASAHT75 air connect) and Rolair's specs for CAS7.5/10/15 CFM. Electrical calculated from Deltech's kW (not nameplate FLA). Filter element PN for CASAHT35/50/75 not published by Deltech — TBD, pending MAS.

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