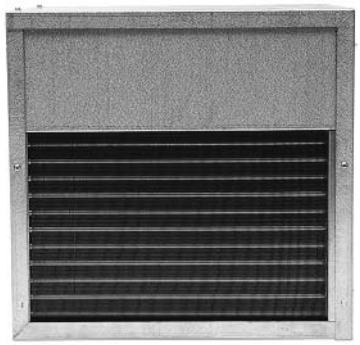
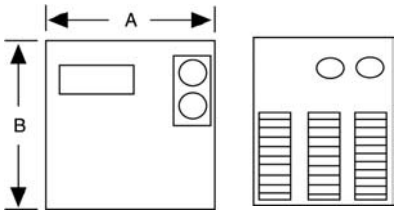




Front View Side View

Physical Dimensions

Model #	Port	Description	Wt.	A	B	C
PRA-10A1	1/2"	10 SCFM 39 Pressure D.P	50.0	14.0	15.0	12.8
PRA-18A1	1/2"	18 SCFM 39 Pressure D.P	55.0	14.0	15.0	12.8
PRA-24A1	1/2"	24 SCFM 39 Pressure D.P	70.0	14.0	15.0	12.8
PRA-35A1	3/4"	35 SCFM 39 Pressure D.P	90.0	20.0	19.0	16.1
PRA-50A1	3/4"	50 SCFM 39 Pressure D.P	105.0	20.0	19.0	16.1

Specifications

Port Sizes	1/2", 3/4"
Thread Styles	NPT
Electrical Requirement	115-1-60 VAC, 6 ft. cable standard
Cabinet Design	Steel, Galvanized
Recommended Temp. & Pressure*	100°F, 200 PSIG 100°F, 150 PSIG
Dryer Capacity	39°F Dew Point
Differential Pressure	< 5.0 PSID at Rated Flow

**Performance data obtained in accordance with CAGI Standard #ADF-100. Pressure dew point is at 100 PSIG inlet with 100°F inlet air temperature and 100°F ambient temperature. For higher flow capacity units, contact factory.*

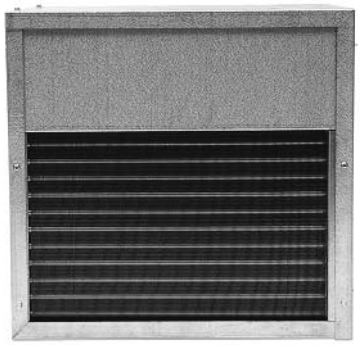
Features

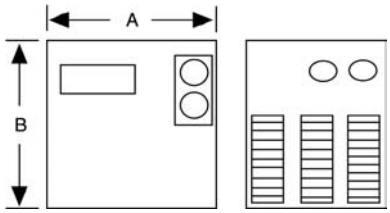
1. Non-Cycling Dryer Design
2. Factory Sealed Motor and Compressor
3. Insulated Heat Exchanger
4. Environmentally Safe Refrigerant
5. Oversized Refrigerant Condenser
6. Smooth Bore Exchanger Design

Prefilter recommended to extend operational efficiency of heat exchanger.

Benefits

1. Continuous Duty Operation
2. Lower Risk of Refrigerant Leakage
3. Efficient Energy Saving Design
4. Reduced Ozone Depletion
5. Reduced Risk of Compressor Slugs
6. Low Pressure Drop Design





Physical Dimensions

Model #	Port	Description	Wt.	A	B	C
PRA-75A	1"	75 SCFM 39 Pressure D.P	175.0	28.0	26.8	21.0
PRA-100A	1"	100 SCFM 39 Pressure D.P	190.0	28.0	26.8	21.0
PRA-150A	1-1/2"	150 SCFM 39 Pressure D.P	250.0	28.0	26.8	21.0
PRA-200A	2"	200 SCFM 39 Pressure D.P	365.0	31.5	39.0	26.0
PRA-250A	2-1/2"	250 SCFM 39 Pressure D.P	440.0	31.5	53.0	26.0

Specifications

Port Sizes	1" thru 2"
Thread Styles	NPT
Electrical Requirement	115-1-60 VAC, or 230-1-60 VAC
Cabinet Design	Steel, Galvanized
Maximum Temp. Maximum Pressure*	125°F 200 PSIG
Dryer Capacity	39°F Dew Point
Differential Pressure	< 5.0 PSID at Rated Flow

**Performance data obtained in accordance with CAGI Standard #ADF-100. Pressure dew point is at 100 PSIG inlet with 100°F inlet air temperature and 100°F ambient temperature. For higher flow capacity units, consult factory.*

Order Guide

Part Number	Flow Capacity	Voltages 115-1-60	Voltages 230-1-60	Voltages 460-3-60
PRA-75A1	75	✓		
PRA-75A2	75		✓	
PRA-100A1	100	✓		
PRA-100A2	100		✓	
PRA-150A2	150		✓	
PRA-150A4	150			✓
PRA-200A2	200		✓	
PRA-200A4	200			✓
PRA-250A2	250		✓	
PRA-250A4	250			✓

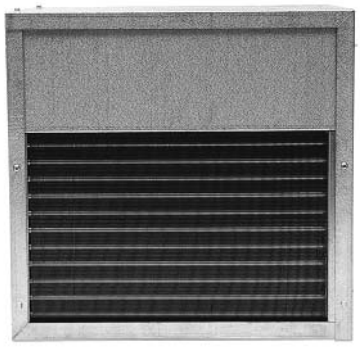
Features

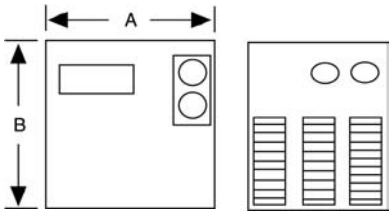
1. Non-Cycling Dryer Design
2. Factory Sealed Motor and Compressor
3 Insulated Heat Exchanger
4. On-Off Switch with Power Light
5. Oversized Refrigerant Condenser
6. Smooth Bore Exchanger Design

Benefits

1. Continuous Duty Operation
2. Lower Risk of Refrigerant Leakage
3. Efficient Energy Saving Design
4. Reduced Ozone Depletion
5. Reduced Risk of Compressor Slugs
6. Low Pressure Drop Design

Prefilter recommended to extend operational efficiency of heat exchanger.





Physical Dimensions

Model #	Port	Description	Wt.	A	B	C
PTA 020	1/2"	18 SCFM 39 Pressure D.P	100.0	17.0	19.1	20.0
PTA 030	1/2"	29 SCFM 39 Pressure D.P	105.0	17.0	19.1	20.0
PTA 040	1-1/4"	41 SCFM 39 Pressure D.P	180.0	20.0	26.8	28.5
PTA 060	1-1/4"	55 SCFM 39 Pressure D.P	185.0	20.0	26.8	28.5
PTA 080	1-1/4"	80 SCFM 39 Pressure D.P	205.0	20.0	26.8	28.5
PTA 110	1-1/4"	110 SCFM 39 Pressure D.P	345.0	31.5	38.6	26.1
PTA 130	1-1/4"	133 SCFM 39 Pressure D.P	365.0	31.5	38.6	26.1

Specifications

Port Sizes	1/2", 1-1/4"
Thread Styles	NPT
Electrical Requirement	115-1-60 VAC, 460/3/60
Cabinet Design	Steel, Galvanized
Recommended Temp. Maximum Pressure*	200°F 200 PSIG
Dryer Capacity	39°F Dew Point
Differential Pressure	< 3.2 PSID at Rated Flow

**Pressure dew point is at 150 PSIG inlet with 180°F inlet air temperature and 100°F ambient temperature. For higher flow capacity units, contact factory.*

Features

1. Non-Cycling Dryer Design
2. Factory Sealed Motor and Compressor
3. Insulated Heat Exchanger
4. Environmentally Safe Refrigerant
5. Oversized Refrigerant Condenser
6. Smooth Bore Exchanger Design

Prefilter recommended to extend operational efficiency of heat exchanger.

Benefits

1. Continuous Duty Operation
2. Eliminates Need for Separate Aftercooler
3. Efficient Energy Saving Design
4. Reduced Ozone Depletion
5. Reduced Risk of Compressor Slugs
6. Low Pressure Drop Design

Correction Factors for Determining Sizing

Inlet Air Pressure		Inlet Air Temperature		Ambient Air Temperature	
(PSIG)	Factor	Temp. F/C	Factor	Temp. F/C	Factor
100 PSIG	1.3	125/52	0.50	90/32	0.89
125 PSIG	1.12	150/66	0.75	100/38	1.0
150 PSIG	1.0	180/82	1.0	110/43	1.16
175 PSIG	0.91	200/93	1.08	120/49	1.30

Application Example

45 SCFM Air Flow	175 PSIG	150°F Inlet Air, 110°F Ambient Air
45 times	0.91 times	0.75 times 1.16 = 35.6 SCFM

Utilize the next larger size than the value obtained in the example, specify the PTA-040.