



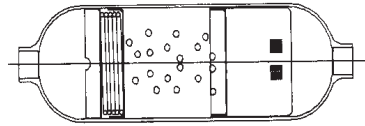
Refrigeration & Air Conditioning System Protectors

Catalog RAC-1 USA
October 2000



1- 5/8" Spring Loaded Copper Dryer

Part No.	Design Working Pressure PSI	Inlet Inches	Outlet Inches	Overall Length Inches
032040-00	500	.383 .378	.383 .378	6.00
032145-00	500	.383 .378	.383 .378	4.38
031805-03	500	.383 .378	.383 .378	5.50
056244-01	500	.383 .378	.383 .378	5.38
056156-01	500	.253 .256	.253 .256	7.00



Part No.	Maximum flow rate at 1 psig in tons														
	R-12	R-22	R134A	R-401A	R-401B	R-401C	R-402A	R-402B	R-404A	R-407A	R-407B	R-407C	R-410A	R-502	R-507A
032040-00	4.4	5.8	5.3	5.8	6.0	5.3	3.9	4.6	3.8	5.1	4.1	5.6	5.7	3.8	3.8
032145-00	3.5	4.7	4.3	4.6	4.8	4.3	3.2	3.7	3.1	4.1	3.3	4.5	4.6	3.0	3.1
031805-03	3.8	5.1	4.7	5.0	5.3	4.6	3.4	4.0	3.3	4.5	3.6	4.9	5.0	3.3	3.3
056244-01	3.7	5.0	4.5	4.9	5.2	4.6	3.4	3.9	3.2	4.4	3.5	4.8	4.8	3.2	3.2
056156-01	1.3	1.8	1.6	1.8	1.9	1.6	1.2	1.4	1.2	1.6	1.3	1.7	1.7	1.2	1.2

1- 5/8" O.D. Spring Loaded Copper Dryer Water Capacities

Part No.	Water Capacity in drops of water													
	R-12		R-22		R-134a		R-401A / B		R-401C		R-402A		R-402B	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
032040-00	170.1	164.7	153.9	142.2	168.3	160.2	164.7	149.4	160.2	147.6	167.0	151.2	167.0	151.2
032145-00	92.4	85.7	83.4	76.7	91.3	86.8	91.3	84.6	85.7	80.6	93.0	85.7	92.4	85.7
031805-03	132.3	128.1	119.7	110.6	130.9	124.6	128.1	116.2	124.6	114.8	129.9	117.6	129.9	117.6
056244-01	170.1	164.7	153.9	142.2	168.3	160.2	164.7	149.4	160.2	147.6	167.0	151.2	167.0	151.2
056156-01	340.2	329.4	307.8	284.4	336.6	320.4	329.4	298.8	320.4	295.2	333.9	302.4	333.9	302.4

Part No.	Water Capacity in drops of water													
	R-404A		R-407A		R-407B		R-407C		R-410A		R-502		R-507A	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
032040-00	167.4	157.5	110.7	100.0	110.7	100.0	117.9	106.2	90.9	81.0	156.6	147.6	169.2	158.4
032145-00	91.8	85.7	67.8	62.2	67.8	62.2	73.4	66.1	55.4	48.7	85.1	80.1	91.8	86.2
031805-03	130.2	122.5	86.1	77.8	86.1	77.8	91.7	82.6	70.7	63.0	121.8	114.8	131.6	123.2
056244-01	167.4	157.5	110.7	100.0	110.7	100.0	117.9	106.2	90.9	81.0	156.6	147.6	169.2	158.4
056156-01	334.8	315.0	221.4	200.0	221.4	200.0	235.8	212.4	181.8	162.0	313.2	295.2	338.4	316.8

One and two inlets are available as well as cap tube sizes on outlet from .125 to 5/8. All 1 5/8" dryers are UL recognized components, File #SA8570. Tonnage ratings will vary depending on the inlet and outlet requested.

Service Dryers

Key Features and Benefits

- 100% XH-9 molecular sieve is specially formulated for the new refrigerants and blends, including 134a, 404A, and 507A.
- Compatible with mineral oils and the new synthetics (POEs).
- All copper construction for corrosion resistance.
- Worldwide OEM usage and acceptance.
- UL recognized and CSA certified.



MMS-80/100



MMS-200



712



319

Copper Service Dryer Specifications

MRO Model No.	Part No.	Molecular Sieve	Description	Overall Length	Inlet Tube Size OD / ID	Outlet Tube Size OD / ID
MMS-80	058070-01	10g XH9	3/4" Non-directional	7 3/8"	1/4" / 3/16"	1/4" / 3/16"
MMS-100	058198-01	10g XH9	3/4" directional	7 3/8"	1/4" / 3/16"	1/4" / 3/16"
MMS-200	032134-01	20g XH9	1" directional step down	10 1/2"	1/4" / 3/16" 5/16" / 1/4" 3/8" / 5/16"	1/4" / 3/16" 5/16" / 1/4" 3/8" / 5/16"
712	032092-00	10g XH9	3/4" directional	8 1/2"	1/4" / 3/16"	.089 / .092 cap. tube
319	032144-00	30g XH9	1 3/16" directional	9 3/4"	5/16" OD	.127 / .130
619	032142-00	10g XH9	3/4" w/ access valve	8 7/8"	1/4" / 3/16"	.089 / .092 cap. tube
620	032133-00	20g XH9	1" w/ access valve	9 1/2"	5/16" / 1/4"	.127 / .130 cap. tube
621	032143-00	20g XH9	1" w/ double inlet	9"	5/16" / 1/4"	.127 / .130 cap. tube
CO73S	032145-00	28g XH9	1 5/8" directional	4 3/8"	3/8" ID	3/8" ID

MRO Model No.	Part No.	Recommended Tonnages				
		R-22 R-402	R-134a	R-401A/B	R-404A R-502, R-507A	R-410A
MMS-80	058070-01	1/3 to 2 tons depending on application and system. Contact Parker for details.				
MMS-100	058198-01					
MMS-200	032134-01					
712	032092-00					
319	032144-00					
619	032142-00					
620	032133-00					
621	032143-00					
CO73S	032145-00	4	4	4 1/2	3	4 1/2



620



CO73S

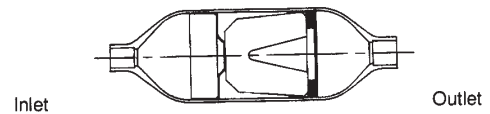
Copper Service Dryer Water Capacity

MRO Part No.	OEM Part No.	R-12		R-22		R-134a		R-401A/B		R-401C		R-402A		R-402B	
		75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F
MMS-80	058070-01	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	30.6	28.8	33.2	30.6	33.0	30.4
MMS-100	058198-01	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	30.6	28.8	33.2	30.6	33.0	30.4
MMS-200	032134-01	66.0	61.2	59.6	54.8	65.2	62.0	65.2	60.4	61.2	57.6	66.4	61.2	66.0	60.8
712	032092-00	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	30.6	28.8	33.2	30.6	33.0	30.4
319	032144-00	99.0	91.8	89.4	82.2	97.8	93.0	97.8	90.6	91.8	86.4	99.6	91.8	99.0	91.2
619	032142-00	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	30.6	28.8	33.2	30.6	33.0	30.4
620	032133-00	66.0	61.2	59.6	54.8	65.2	62.0	65.2	60.4	61.2	57.6	66.4	61.2	66.0	60.8
621	032143-00	66.0	61.2	59.6	54.8	65.2	62.0	65.2	60.4	61.2	57.6	66.4	61.2	66.0	60.8
CO73S	032145-00	92.4	85.7	83.4	76.7	91.3	86.8	91.3	84.6	85.7	80.6	93.0	85.7	92.4	85.1

MRO Part No.	OEM Part No.	R-404A		R-407A		R-407B		R-407C		R-410A		R-502		R-507A	
		75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F
MMS-80	058070-01	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8
MMS-100	058198-01	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8
MMS-200	032134-01	65.6	61.2	48.4	44.4	48.4	44.4	52.4	47.2	39.6	34.8	60.8	57.2	65.6	61.6
712	032092-00	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8
319	032144-00	98.4	91.8	72.6	66.6	72.6	66.6	78.6	70.8	59.4	52.2	91.2	85.8	98.4	92.4
619	032142-00	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8
620	032133-00	65.6	61.2	48.4	44.4	48.4	44.4	52.4	47.2	39.6	34.8	60.8	57.2	65.6	61.6
621	032143-00	65.6	61.2	48.4	44.4	48.4	44.4	52.4	47.2	39.6	34.8	60.8	57.2	65.6	61.6
CO73S	032145-00	91.8	85.7	67.8	62.2	67.8	62.2	73.4	66.1	55.4	48.7	85.1	80.1	91.8	86.2

Copper Filter Dryer with Activated Alumina Core

- Activated alumina core provides excellent system filtration.
- Excellent for removing sludge and acids.



Part No.	Design Working Pressure PSI	Filtration Capacity Microns	Inlet In.	Outlet In.	Screen Area Sq. In.	Overall Length In.
057945-00	450	30	1/4	5/16	0.94	3.69
057945-02	450	30	.383 / .378	.383 / .378	0.94	3.69

Copper Filter Dryer with Activated Alumina Core Water Capacities

Part No.	R-12		R-22		R-134a		R-401A/B		R-401C		R-402A/B	
	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F
057945-00	11.7	9.2	10.9	8.6	10.8	10.2	10.5	9.5	10.2	9.4	10.7	9.7
057945-02	11.7	9.2	10.9	8.6	10.8	10.2	10.5	9.5	10.2	9.4	10.7	9.7

Part No.	R-404A		R-407A/B		R-407C		R-410A		R-502		R-507A	
	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F
057945-00	10.7	10.1	7.1	6.4	7.5	6.8	5.8	5.2	10.0	7.7	10.8	10.1
057945-02	10.7	10.1	7.1	6.4	7.5	6.8	5.8	5.2	10.0	7.7	10.8	10.1