Dry All®

Full Range of HVAC&R Line Products

Filter Drier Series For Refrigerant Recovery Machine

Introduction

Refrigerant Recovery Machines are used in the HVAC&R (Heating, Ventilation, and Air Conditioning and refrigeration) industry for several important purposes. These machines are designed to safely and efficiently remove refrigerants from cooling systems, such as air conditioners, refrigerators, and freezers.
Refrigerant Recovery Machines play a crucial role in protecting the environment, complying with regulations, preserving equipment, saving costs, and ensuring safe and efficient HVAC and Refrigeration system operation. They are a vital tool for professionals in these industries.

Dry All Filter Driers for Refrigerant Recovery Machines

A Dry All Filter Drier is a critical component in any refrigeration or air conditioning system, especially when it comes to recovery machines. Its primary function is to remove moisture, contaminants, and impurities from the refrigerant, ensuring the efficient and safe operation of the system. In the context of recovery machines, which are used to extract and store refrigerants, the role of the filter drier becomes even more crucial. It boasts of following premium features:

Moisture Removal: The primary purpose of the Dry All Filter Drier is to eliminate moisture from the refrigerant. Excessive moisture can lead to corrosion, reduced cooling capacity, and even damage to the recovery machine. Dry All Filter Driers are designed to efficiently remove moisture, preserving the integrity of the refrigerant.

Contaminant Filtration: In addition to moisture, Dry All Filter Driers also capture contaminants like dirt, dust, and debris that can accumulate in the refrigerant. These impurities can clog the Refrigerant Recovery Machine's components and negatively impact its performance. A quality filter drier ensures that the refrigerant remains clean.

Compatibility: Dry All Filter Driers are available in various sizes and configurations to suit different recovery machines. It's essential to choose the right filter drier that matches the specifications of your equipment for optimal performance.

Easy Installation: Installing a Dry All Filter Drier is a straightforward process, making it a practical choice for recovery machine maintenance. Proper installation ensures that the filter drier operates effectively throughout its lifespan.

Durability: These filter driers are built to withstand the harsh conditions often encountered in HVAC&R systems. They are constructed with materials that resist corrosion and ensure a long service life.

Low Pressure Drop: Dry All Filter Driers are designed to maintain low pressure drops, which means they do not impede the flow of refrigerant through the system. This is crucial for maintaining the efficiency of the recovery machine.

Compliance: Ensure that the Dry All Filter Drier you choose complies with industry standards and regulations. This ensures the safety and reliability of your recovery machine.

Advantages

Maximized Efficiency: Dry All products optimize the efficiency of your Refrigerant Recovery Machines, leading to energy savings, reduced downtime, and extended equipment life.

Environmental Responsibility: Dry All is dedicated to minimizing environmental impact. Our solutions help prevent refrigerant leaks, contributing to a sustainable future.

Tailored Solutions: Dry All's Full range of line products can be customized to match your system requirements, ensuring seamless integration and peak performance.

Industry Expertise: With decades of experience, Dry All products are trusted by professionals worldwide for their quality and reliability.

Applications

Dry All Filter Driers, Oil Separators, Suction Line Heat Exchangers, Accumulators, and Sight Glasses are indispensable components for any refrigerant recovery machines used in a wide array of applications:

- HVAC Systems
- Refrigeration Units
- Cold Storage Facilities
- Chilling Units
- Commercial Refrigeration
- Industrial Cooling Systems
- Food Processing
- Pharmaceuticals
- And More

S/N	Model No.	Connection Size	Diameter (mm)	Body Length (mm)	Overall Length (mm)
1	DMH 031BSPT	1/8" BSPT	42	67	103
2	DCH 032MFF	1/4" FLARE (F/M)	42	67	103
3	DMH 081BSPT	1/8" BSPT	63.5	99	135
4	DMHLD 162F	1/4" FLARE	76.2	110	156
5	DMH 302BSPT	1/4" BSPT	76.2	190	230
6	DMHL 303ORN	3/8" O Ring Conn.	76.2	190	244
7	DMH 412F	1/4" FLARE	88.9	198	244
8	FD-170-8F	1"	76.2	170	230
9	FD-4712	1-1/2"-12 UNF-2A	76.2	244	280
10	FD-25145-22M	M22 X 1.5	63.5	145	160
11	FD-25190-5RF	1" UNS-14 TPI	63.5	190	210
12	FD-25198-22M	M22 X 1.5	63.5	198	213

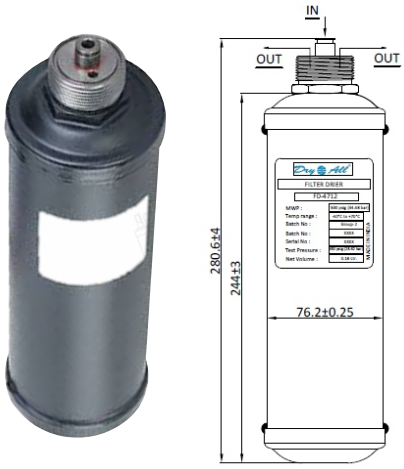
Maintenance and Replacement

Regular inspection and maintenance of the filter drier are essential to ensure its continued effectiveness. It's recommended to replace the filter drier periodically or when it shows signs of saturation or damage. A well-maintained filter drier contributes to the longevity and efficiency of your recovery machine.

In conclusion, a Dry All Filter Drier is a vital component in any refrigerant recovery machine, safeguarding the integrity of the refrigerant and the smooth operation of the equipment. When selecting a filter drier for your recovery machine, prioritize quality, compatibility, and adherence to industry standards to maximize the benefits it provides.

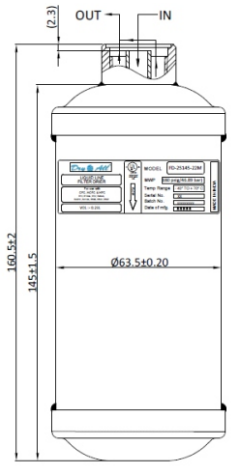
Note: Remember to consult the manufacturer's guidelines and recommendations along with inputs from the technicians or engineers from the concerned organization for your specific recovery machine and filter drier combination to ensure optimal performance and safety.

FD-4712



Drawing / Photo No.: 1

FD-25145-22M



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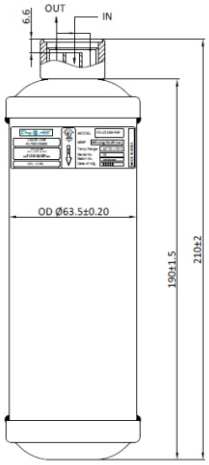
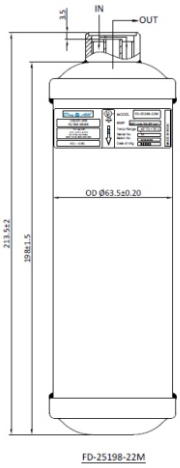
FD-25190-5RF



Drawing / Photo No.: 3

FD-25198-22M



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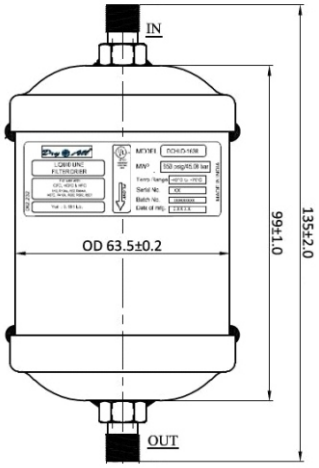
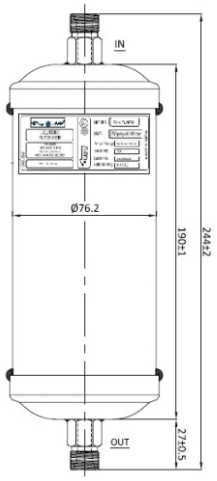
DMH-081BSPT



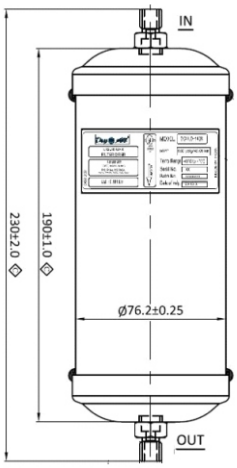
Drawing / Photo No.: 1

DMHL-303ORN



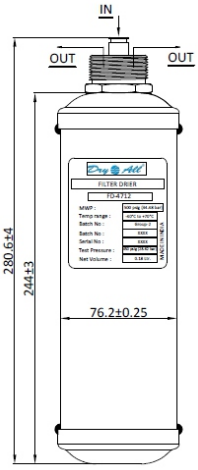
Drawing / Photo No.: 2

DMH-302BSPT



Drawing / Photo No.: 3

FD-170-8F

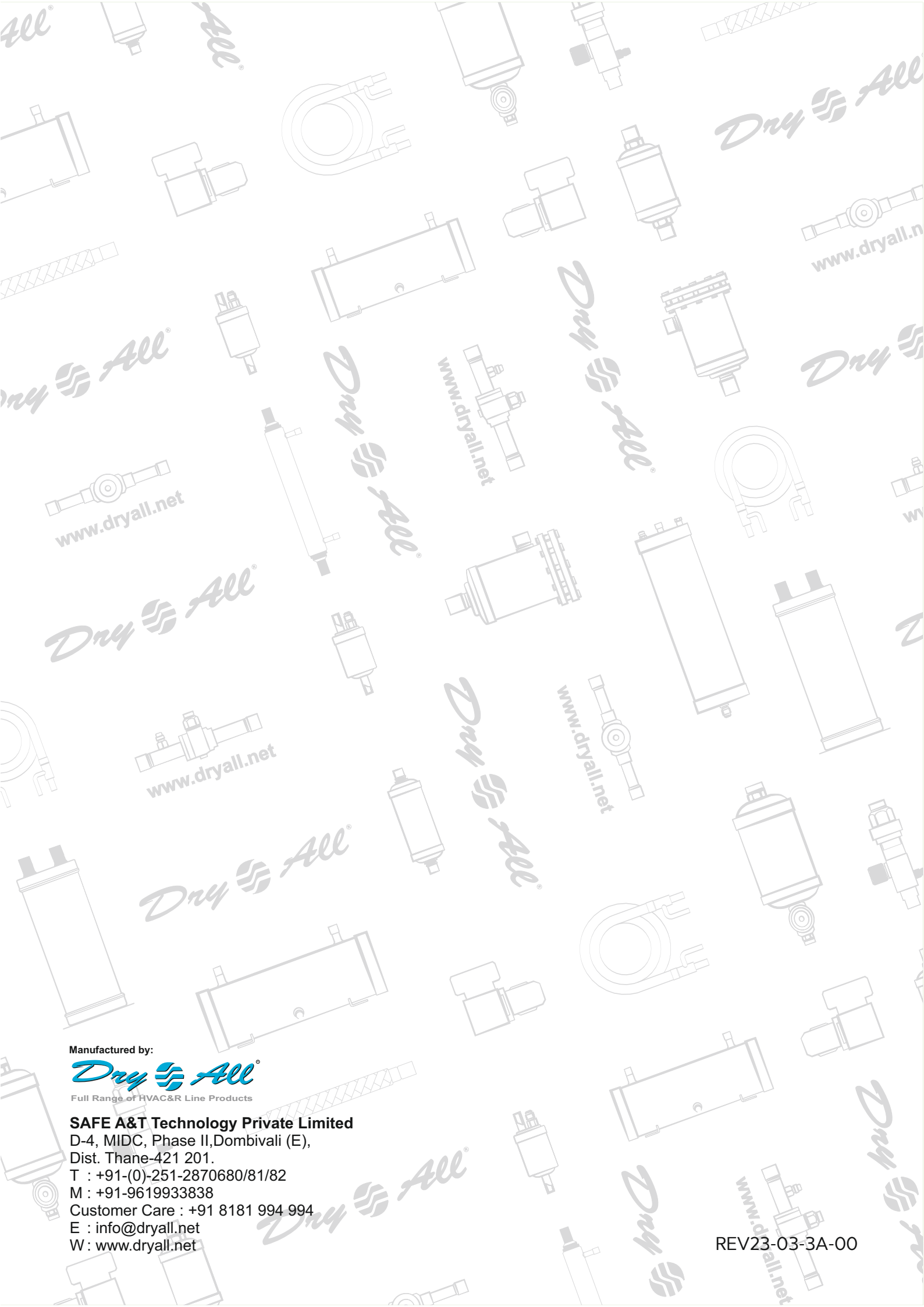


Filter Element with 2 O-rings

Drawing / Photo No.: 4

Available Models

S/N	Model No.	Connection		Diameter		Body Length		Overall Length		Construction Material	Drawing/ Photo No.
		In	Out	mm	Inches	mm	Inches	mm	Inches		
1	FD 4712	1-1/2"-12 UNF-2A	1-1/2"-12 UNF-2A	76.2	3.0	244	9.61	280	11.0	Mild Steel	
2	FD-25145-22M	M22 X 1.5	M22 X 1.5	63.5	2.5	145	5.71	160	6.3	Mild Steel	
3	FD-25190-5RF	1" UNS-14 TPI	1" UNS-14 TPI	63.5	2.5	190	7.48	210	8.3	Mild Steel	
4	FD-25198-22M	M22 X 1.5	M22 X 1.5	63.5	2.5	198	7.80	213	8.4	Mild Steel	
5	DMH 081BSPT	1/8" BSPT	1/8" BSPT	63.5	2.5	99	3.90	135	5.3	Mild Steel	
6	DMHL 303ORN	3/8" 'O' Ring Conn.	3/8" 'O' Ring Conn.	76.2	3.0	190	7.48	244	9.6	Mild Steel	
7	DMH 302BSPT	1/4" BSPT	1/4" BSPT	76.2	3.0	190	7.48	230	9.1	Mild Steel	
8	FD-170-8F	1" Flare	1" Flare	76.2	3.0	170	6.69	230	9.1	Mild Steel	



Manufactured by:

Dry All®

Full Range of HVAC&R Line Products

SAFE A&T Technology Private Limited
D-4, MIDC, Phase II,Dombivali (E),
Dist. Thane-421 201.
T : +91-(0)-251-2870680/81/82
M : +91-9619933838
Customer Care : +91 8181 994 994
E : info@dryall.net
W : www.dryall.net

REV23-03-3A-00