

# APD-D Series Dehydrator

Digital Design • Easy Option Upgrades



**INCREASES SYSTEM FLEXIBILITY TO SUIT INDIVIDUAL USER REQUIREMENTS**

## New Model Numbers And Material Numbers For Easy Ordering

	Current Model Number	Current Material Number	NEW Direct Substitute Model Number	NEW Material Number
<b>13 Configured Models</b>	APD20-C	920635-C	APD20-D-35XH0R00S0	10042202
	920635-C-BVF	920635-C-BVF	APD20-D-35XH0R00S1	10042194
	920635-C-HAF	920635-C-HAF	APD20-D-35EH2R00S1	10042195
	920635-C-HTAF	920635-C-HTAF	APD20-D-35EH2R24S1	10042196
	920635-C-TAF	920635-C-TAF	APD20-D-35EH0R24S0	10042197
	APD22-C	920637-C	APD22-D-35XH0R00S0	10042203
	920637-C-HTAF	920637-C-HTAF	APD22-D-35EH2R24S1	10042198
	APD70-C	940019-C	APD70-D-35XH0R00S0	10042204
	APD70-C-HAF	940019-C-HAF	APD70-D-35EH2R00S1	10042205
	940019-C-HTAF	940019-C-HTAF	APD70-D-35EH2R24S1	10042199
	940019-C-TAF	940019-C-TAF	APD70-D-35EH0R24S0	10042200
	APD72-C	940020-C	APD72-D-35XH0R00S0	10042206
	940020-C-HAF	940020-C-HAF	APD72-D-35EH2R00S1	10042201
<b>4 Configurable Models</b>	N/A	N/A	APD20-D-xxxxxxxxxx	10042190
	N/A	N/A	APD22-D-xxxxxxxxxx	10042191
	N/A	N/A	APD70-D-xxxxxxxxxx	10042192
	N/A	N/A	APD72-D-xxxxxxxxxx	10042193

## Replacement Parts And Accessories For Repairs

Material Number	Description	Model Compatibility
30033358	3/8" polypropylene tubing, 10' roll	All APD-D Models
30033428	Elbow fitting, 3/8" stem to tube	All APD-D Models
356105150900	Alarm port connector, 12-pin	All APD-D Models
20040615	Installation Kit (includes items 1, 2 & 3)	All APD-D Models
30033267	Compressor input air filter element	All APD-D Models
30032552	Power cord, 120VAC, 13A, NEMA 5-15 to IEC C13 right angle, 2 meter (6'-7")	APD20-D, APD70-D
30032130	Bulkhead fitting, 3/8" quick connect	All APD-D Models
30032127	Exhaust check valve	All APD-D Models
20041370	0-15psig Panel Gauge Assembly	All APD-D Models
20041874	Fan assembly	All APD-D Models
399105034900	RTC backup battery, CR2032	All APD-D Models
30032487	2 Amp circuit breaker	APD22-D
30032486	3 Amp circuit breaker	APD20-D
30032485	4 Amp circuit breaker	APD72-D
30034590	5 Amp circuit breaker	APD70-D
20039457	Desiccant cylinder subassembly	APD20-D, APD22-D
20041903	Desiccant cylinder subassembly	APD70-D, APD72-D
30032091	Rubber bumper foot, M6 stud	All APD-D Models
20041902	Site Ground Kit (6AWG crimp terminal)	All APD-D Models
20040835	Wall/Rack Mount shelf (mounting hardware not included)	All APD-D Models
10042341	Field Configuration Upgrade Kit	All APD-D Models

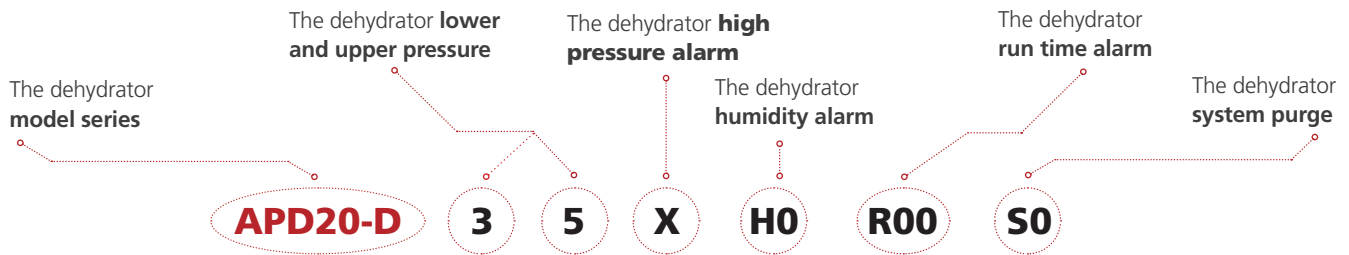
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### Model Numbering Structure for RFS Digital Dehydrators



#### APD20-D

DIGITAL DEHYDRATOR SERIES	
APD20-D	120 VAC 60Hz 0.2 CFM
APD22-D	230 VAC 50Hz 0.17 CFM
APD70-D	120 VAC 60Hz 0.7 CFM
APD72-D	230 VAC 50Hz 0.58 CFM

#### 3

LOWER OPERATIONAL PRESSURE	
1	1 psig
2	2 psig
3	3 psig
4	4 psig
5	5 psig
6	6 psig
7	7 psig
8	8 psig
L	Low Pressure Option

#### 5

UPPER OPERATIONAL PRESSURE*	
3	3 psig
4	4 psig
5	5 psig
6	6 psig
7	7 psig
8	8 psig
9	9 psig
1	10 psig

#### LOW PRESSURE OPTION

1	1 psig
2	1.5 psig
3	2 psig
4	2.5 psig

\* Must be at least Lower Operational Pressure +2

#### X

HIGH PRESSURE ALARM* (1 PSIG INCREMENTS)	
X	Not Configured
A	3 psig
B	4 psig
C	5 psig
D	6 psig
E	7 psig
F	8 psig
G	9 psig
H	10 psig
I	11 psig

\* Must be at least Upper Operational Pressure +1

#### H0

HUMIDITY ALARM (10% RH INTERVALS)	
H0	Not Configured
H2	20% Relative Humidity
H3	30% Relative Humidity
H4	40% Relative Humidity
H5	50% Relative Humidity

#### R00

RUN TIME ALARM (10 MINUTE INTERVALS)	
R00	Not Configured
R01	10 Minutes
R02	20 Minutes
R03	30 Minutes
R04	40 Minutes
.	
.	
.	
R24	240 Minutes

#### S0

SYSTEM PURGE (2 DAY INTERVALS)	
S0	Not Configured
S2	2 Days
S4	4 Days
S6	6 Days
S8	8 Days
S1	10 Days

#### Notes:

1. Low Pressure option uses a fixed Lower Operational Pressure of 0.5 psig.
2. Humidity Alarm option requires System Purge option to be configured.
3. Run Time Alarm should be configured for at least 150% of the calculated run time.