

## Paper Only Filter Holders

The following filter holders are used for the collection of particulate from the air (in-line or open faced) taken with either high or low volume pumps. Choosing the correct filter holder is dependent on three factors: 1. Type of Pump (Rotary Vane or Centrifugal Fan), 2. Filter paper dimensions (i.e.: 2" dia., 47mm dia., 8" x 10", etc...), and 3. Type of connecting fitting (i.e.: 3/8" male quick disconnect or thread type). All of HI-Q's filter holders are machined from 6061-T6 Aluminum (unless otherwise specified) and anodized Black, Gold or Blue depending upon the filter type. **Add a "-SS" to unit model number for Stainless Steel holder construction.**

Abbreviations: <b>MQD</b> = Male Quick Disconnect	<b>MPT</b> = Male Pipe Thread	<b>SPT</b> = Straight Pipe Thread
<b>FQD</b> = Female Quick Disconnect	<b>FPT</b> = Female Pipe Thread	<b>TPI</b> = Threads Per Inch
<b>Black Anodize</b> = 2" Ø Paper Holder	<b>Gold Anodize</b> = 47mm Ø Paper Holder	<b>Clear Anodize</b> = 4" Ø Paper Holder



### RVPH-Series

Open Faced Paper Only Holders. Includes 3/8" male quick disconnect coupling.

Model	Paper Size Dia.	Fitting
RVPH-20	2 Inch	3/8" MQD
RVPH-25	47mm	3/8" MQD
RVPH-102	4 Inch	3/8" MQD



### RVPA-Series

2", 47mm, & 4" Diameter Paper Only, In-Line Adapter Cones.

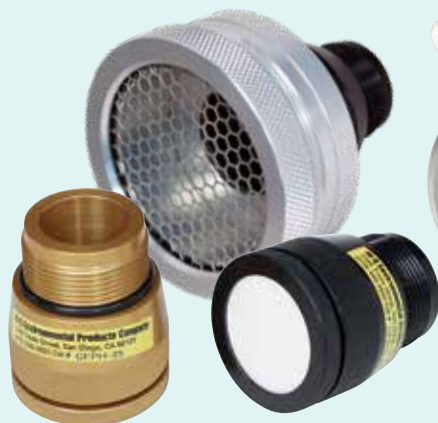
Model	Paper Size Dia.	Inlet
RVPA-10	2 Inch	3/8" FPT
RVPA-15	47mm	3/8" FPT
RVPA-102	4 Inch	3/8" FPT
RVPA-5	47mm	1/2" FPT
RVPA-13	47mm	3/4" FPT
RVPA-17	47mm	1" FPT



### ILPH-Series

Complete, In-Line, Paper Only Assembly. Includes one 3/8" male & female quick disconnect.

Model	Paper Size Dia.	In-Out Fitting
ILPH-20	2 Inch	3/8" FQD-3/8MQD
ILPH-47	47mm	3/8" FQD-3/8MQD
ILPH-102	4 Inch	3/8" FQD-3/8MQD
ILPH-5	47mm	1/2" FPT-3/8MQD
ILPH-13	47mm	3/4" FPT-3/8MQD
ILPH-17	47mm	1" FPT



3/8MQD .....

### CFPH-Series

Open Faced Paper Only Holders. 1 1/2" male SPT, 1 1/2" TPI male threaded fitting.

Model	Paper Size Dia.	Outlet
CFPH-20	2 Inch	1.5" Male SPT
CFPH-25	47mm	1.5" Male SPT
CFPH-102	4 Inch	1.5" Male SPT



### CFPH-Series

4" Dia. & 8" x 10" Filter Paper Holder Attach CFPH-45 & CFPH-810 to units with 4" dia., threaded intake fittings.

Model	Paper Size
CFPH-45	4" dia. Paper Only Holder.
CFPH-810	8" x 10" Paper only



### 8 x 10 Removable Filter Paper Cartridge

Allows a user to pre-load & remove existing 8 x 10 filter collection media in a controlled environment. When in the field the user is able to replace the existing (used) cartridge with the pre-loaded (new) cartridge without having to directly handle the filter collection media.

Mode	Description
810-CARTRIDGE	8 x 10 removable filter paper cartridge w/ snap on cover.

## Combination Cartridge & Paper Filter Holders

The following filter holders may be used for the collection of solid particulate on paper and/or volatile compounds in a filter cartridge taken from the air with either a high or low volume pump. In choosing the correct holder one needs to know the specific paper size (usually 2" or 47mm dia.), and a cartridge configuration. Cartridge configurations can be found under the Analytical Cartridge Section of this catalog. All HI-Q filter holders are machined from 6061-T6 Aluminum (unless otherwise specified) and anodized Black, Gold or Blue depending upon the filter media they accept. **Add a "-SS" to unit model number for Custom Order Stainless Steel holder construction.**

Abbreviations: <b>MQD</b> = Male Quick Disconnect	<b>MPT</b> = Male Pipe Thread	<b>SPT</b> = Straight Pipe Thread
<b>FQD</b> = Female Quick Disconnect	<b>FPT</b> = Female Pipe Thread	<b>TPI</b> = Threads Per Inch
<b>Black Anodize</b> = 2" Ø Paper or TC-XX/AGX-2 Holder	<b>Gold Anodize</b> = 47mm Ø Paper or TCAL-XX/AGX-4 Holder	<b>Blue Anodize</b> = TCGA-Series or AGX-10GA Holder



### RVH-Series

Open Faced, Combination Filter Paper & Cartridge Holder. Includes one 3/8" male quick disconnect.

Model	Paper	Cartridge
RVH-20	2"	TC
RVH-25	47mm	TC
RVH-30	2"	TCAL
RVH-35	47mm	TCAL
RVHGA-30	2"	TCGA
RVHGA-35	47mm	TCGA
RVH-102	4"	TC



### RVA-Series

2", 47mm, & 4" dia. In-Line Adapter Cones, used to convert open faced filter holders to In-Line.

Model	Paper	Inlet
RVA-10	2"	3/8" FPT
RVA-15	47mm	3/8" FPT
RVA-102	4"	3/8" FPT
RVA-12	2"	3/4" FPT
RVA-13	47mm	3/4" FPT
RVA-16	2"	1" FPT
RVA-17	47mm	1" FPT



### ILFH-Series

Complete, In-Line, Combination Paper & Cartridge Filter Holder Assembly. Includes one 3/8" male & female quick disconnect.

Model	Paper	Cartridge
ILFH-20	2"	TC
ILFH-22	2"	TCAL
ILFH-25	47mm	TC
ILFH-27	47mm	TCAL
ILFHGA-30	2"	TCGA
ILFHGA-35	47mm	TCGA

Note: Specify Inlet size if other than 3/8" Female NPT.



### Tandem Cartridge Holder

Insert this Tandem Cartridge Holder between the sections of any combination holder to create a multi cartridge sampling train.

Model	Cartridge Type
CTH-50	TC
CTH-55	TCAL



### CF-Adapters

Adapt Down from either 8" x 10" or 4" Dia. paper holders to 1 1/2" Female SPT 11 1/2 TPI.

Model	Adapter Plates From/To
FHA-4CF	4" Dia./ 1.50" female SPT
FHA-810CF	8" x 10"/ 1.50" female SPT
FHA-90	4" dia. Paper Holder. Replaces paper nut on all combination style holders.



### CFH-Series

Open faced combination, cartridge & paper holder. Use with CF-Series Sampling Systems with a 1.50" Dia. female threaded 11.5 TPI intake.

Model	Paper	Cartridge
CFH-20	2"	TC
CFH-25	47mm	TC
CFH-30	2"	TCAL
CFH-35	47mm	TCAL
CFH-102	4"	TC
CFH-102A	4"	TCAL