

Filter Buddy™ Handheld Portable Filtration System Donaldson.

The Donaldson Filter Buddy™ is a 2 gpm (7.6 l/min) handheld portable system allowing you to kidney loop reservoirs that you normally cannot with larger filter carts. Its small size and light weight (approx. 45 lbs.) allows carrying up and down stairs and into tight or confined spaces. It also fits on top of a drum for convenient transferring and filtering from a drum to a reservoir.

The Filter Buddy features dual HMK04 filtration utilizing Donaldson's exclusive high efficiency Synteq® media. The filters are plumbed in series giving you the option of coarse/fine particle removal or install a water absorbing element for water/particle removal.

There are two models available: a standard (low viscosity) version for fluids up to 900 SUS and a high viscosity version for fluids up to 8000 SUS.



Features	Benefits
Rugged and durable frame	Enables long service life
Compact size	Allows filtration in hard to reach locations
High efficiency media grades	Cost effective filtration
Dual stage filtration	Coarse/Fine or Water/Particulate removal
Overload protected switch	Prevents motor/pump from overheating
Sample port	Enables system cleanliness measurements

Applications	
Fluid transfer	Ensure that the fluid you are transferring from a drum or tote is clean.
Offline filtration	Supplement existing filtration to achieve target ISO cleanliness levels.
Water removal	Using Donaldson water removal elements can help remove free water from the system.
Filter new fluid	Clean up new fluids because they are usually highly contaminated. Don't contaminate your equipment with new fluids. Protect your equipment with proper filtration.



Filter Buddy Ordering Code



Example

Model	Flow Rate Table 1	Power Supply Table 2	Wand Kit Table 3	Pressure Filter #1 Table 4	Pressure Filter #2 Table 5
DFB DFB HV (High Viscosity)	2	P1	N	WA	10

Select one option from each table below.
(See example shown above.)

TABLE 1
Flow Rate

2	2 gpm
---	-------

TABLE 2
Power Supply

P1	110 VAC / 60 Hz
P2	110 VAC / 50 Hz
P3	230 VAC / 60 Hz
P4	230 VAC / 50 Hz

TABLE 3
Wand Kit

Y	Yes
N	No

TABLE 4
Pressure Filter #1

WA	Water Absorbing
4	Synteq® Beta 1000 at <4 micron
9	Synteq Beta 1000 at 9 micron
10	Synteq Beta 1000 at 10 micron
23	Synteq Beta 1000 at 23 micron

TABLE 5
Pressure Filter #2

WA	Water Absorbing
4	Synteq® Beta 1000 at <4 micron
9	Synteq Beta 1000 at 9 micron
10	Synteq Beta 1000 at 10 micron
23	Synteq Beta 1000 at 23 micron

Element Chart

Micron Rating				
WA	4	9	10	23
P560584	P165185	P165332	P176566	P163567

Specifications

	Low Viscosity	High Viscosity
Electrical Service:	115 volts: 8.4 amp, single phase 230 volts: 4.2 amp, single phase	
Pump:	2 gpm (7.6 l/min)	1.8 gpm (6.8 l/min)
Motor:	½ hp ODP	¾ hp ODP
Maximum Recommended Viscosity:	900 SUS (200 cSt)	8000 SUS (1700 cSt)
Compatibility:	Mineral-based fluids, Water glycols, Polyol esters	
Hoses:	4' (1.2m) suction, 7' (2.1m) discharge; terminated with male NPT connections	
	Suction: ¾" (1.9 cm) OD Discharge: ½" (1.3 cm) OD	1" (2.5cm) OD ¾" (1.9 cm) OD
Stainless Steel Wand Kit (optional):	40" (1.0 m) suction, 20" (.5 m) discharge	
Weight:	Approx. 45 lbs. (20 kg)	Approx. 50 lbs. (23 kg)
Dimensions:	Height: 21" (533 mm) Width: 13" (330 mm) Length: 26" (660 mm)	25" (635 mm)



Donaldson Company, Inc.
P.O. Box 1299
Minneapolis, MN
55440-1299 U.S.A.
Tel 800.846.1846
Fax 952.703.4913
grphydfilters@donaldson.com
donaldson.com

Information in this document
is subject to change without notice.

© 2009 Donaldson Co., Inc.
Printed in U.S.A. on recycled paper

Bulletin No. HYD-227 01-09