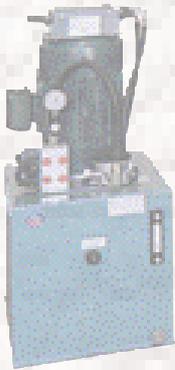




Wash Down Little Champ[®] Hydraulic Power Units



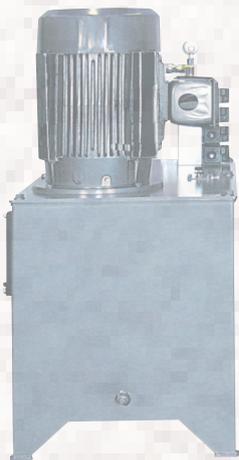
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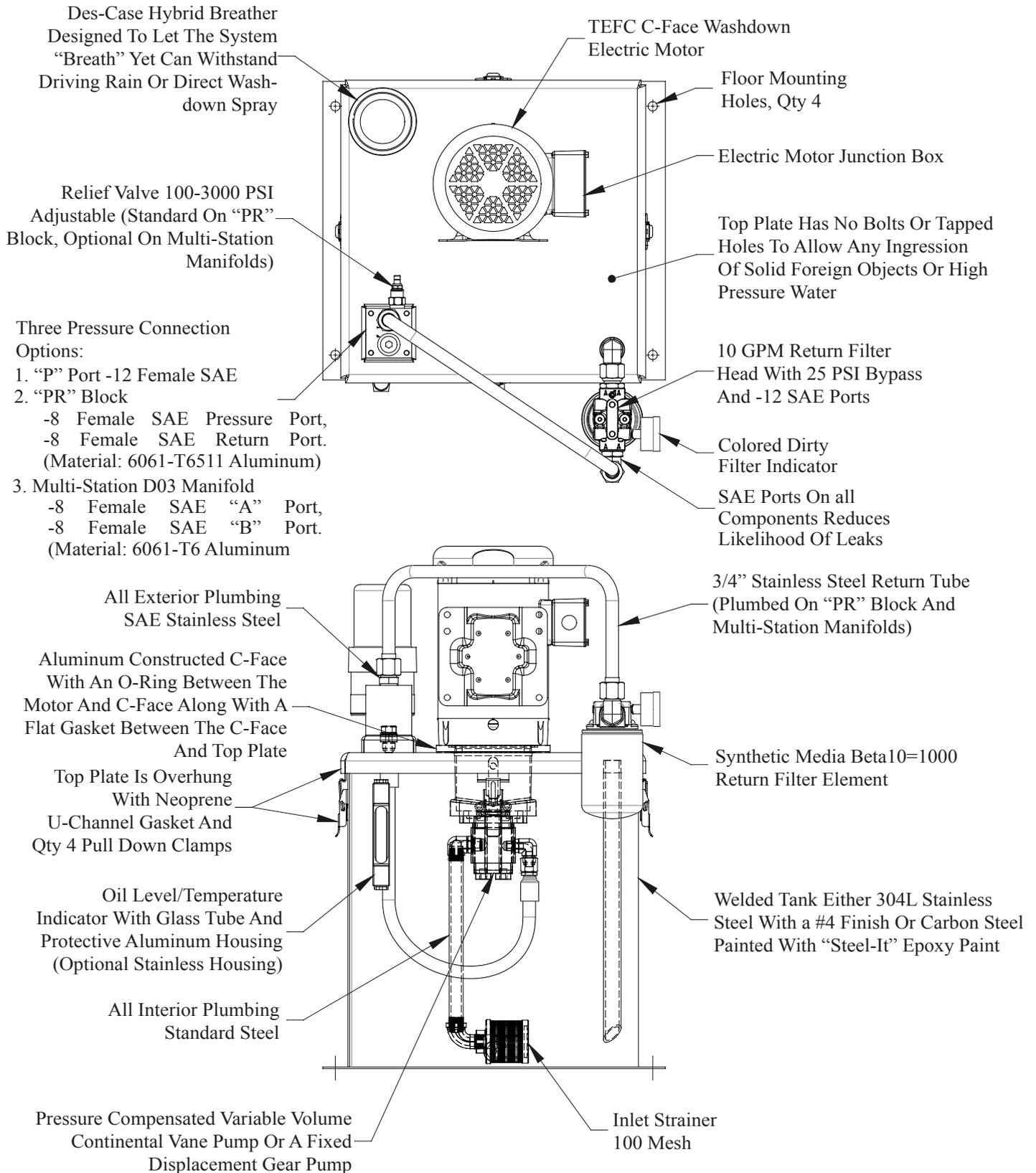
"For All Your Hydraulic Needs"



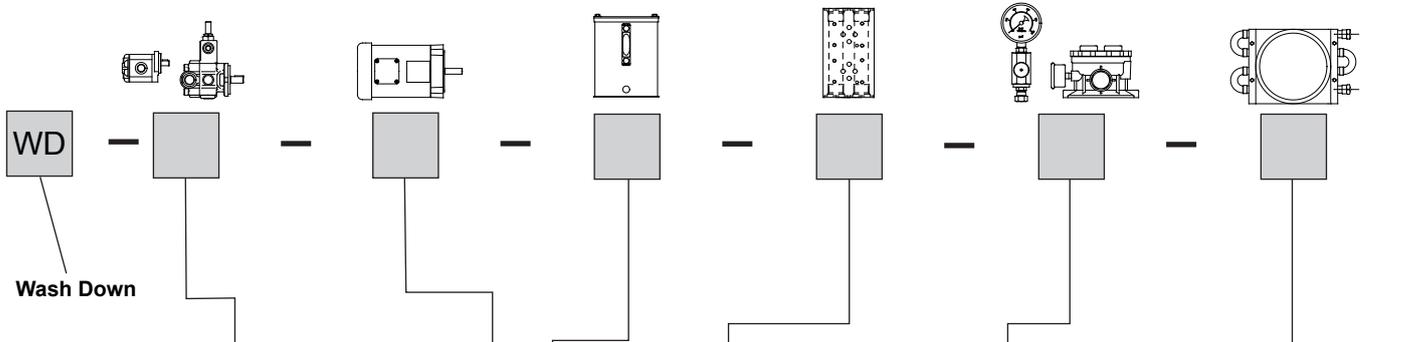
Whats The Purpose of a Wash Down Little Champ® Power Unit?

- * Provide a Power Unit Base For Food Industry Or Other Similar Applications That Require Pressurized Wash Downs
- * Other Possible Applications: Food Processing, Packaging, Clean Room, Sanitary, Petro-Chemical, Outdoor And Corrosive Environments.

Wash Down Little Champ® Features



Specifying Wash Down Little Champ® Power Unit



Pump Type

Code	GPM (lpm) @ 1725 RPM Max. Press.	Max. Pressure PSI (bar)
G0.6B30	.545 (2.1)	3000 (207)
G0.8B30	.769 (2.9)	3000 (207)
G1.1B30	1.14 (4.3)	3000 (207)
G1.6B30	1.59 (6.0)	3000 (207)
G2.0B30	1.96 (7.4)	3000 (207)
G2.3B30	2.28 (8.6)	3000 (207)
G3.0B27	2.96 (11.2)	2700 (186)
G3.4B26	3.44 (13.0)	2600 (179)
G2.0B31.5	1.96 (7.4)	3150 (217)
G2.9B31.5	2.87 (10.7)	3150 (217)
G3.8B31.5	3.78 (14.3)	3150 (217)
G5.0B30	5.01 (19.0)	3000 (207)
G6.8B30	6.83 (25.8)	3000 (207)
G8.7B30	8.65 (32.7)	3000 (207)
G10.0B29	10.02 (37.9)	2900 (200)
G11.8B27	11.84 (44.8)	2700 (186)
V4B20	4.00 (15.1)	2000 (138)
V6B20	6.00 (22.7)	2000 (138)
V8B20	8.00 (30.3)	2000 (138)
V10B10	10.00 (37.8)	1000 (69)

Select gear pump from the Power Unit Accessories Catalog.

NOTE: Pump and motor ranges listed for each reservoir size are standard combinations. For special combinations, please discuss your application with your Continental Hydraulics distributor or the factory.

Pressure Manifold

Code	Description
P	Pressure Connection SAE -8 Female
PR	With Built-In Relief SAE-8 "P" & "T" Female Ports
V1R	Single Station Manifold D03 With Built-In Relief, SAE-8 "A" & "B" Female Ports
V2R	Two Station Manifold D03 With Built-In Relief, SAE-8 "A" & "B" Female Ports
V3R	Three Station Manifold D03 With Built-In Relief, SAE-8 "A" & "B" Female Ports
V4R	Four Station Manifold D03 With Built-In Relief, SAE-8 "A" & "B" Female Ports
V5R	Five Station Manifold D03 With Built-In Relief, SAE-8 "A" & "B" Female Ports
V6R	Six Station Manifold D03 With Built-In Relief, SAE-8 "A" & "B" Female Ports

***IF YOU WOULD NOT LIKE A RELIEF VALVE IN THE MANIFOLD REMOVE THE "R" FROM THE CODE (V4R MINUS "R" EQUALS V4)**
Select Wash Down Valves as required from the appropriate Continental Hydraulics Catalog.

For manifold dimensions and specifications, see the Daman Products LC Manifold Catalog.

Options

Code	Description
Omit	No Options
G1	Pressure Gauge 0 - 1000 psi
G1.5	Pressure Gauge 0 - 1500 psi
G2	Pressure Gauge 0 - 2000 psi
G3	Pressure Gauge 0 - 3000 psi
G5	Pressure Gauge 0 - 5000 psi
N	Needle Valve SAE-4
FRC10	Return Filter 10 GPM 10 Micron W/Indicator
FRC40	Return Filter 40 GPM 10 Micron W/Indicator
EP*	External Pressure Adjustment (Vane Pumps Only)
EV**	External Volume Adjustment (Vane Pumps Only)
CV08	Check Valve Inline SAE-8, 5000 psi (345 bar) Rated
LT	Level/Temperature Switch
TH	Tank Heater 30°-100° F. (-1°-38° C.) Adjustment

* If "EP" is Not Selected, Specify Pressure Setting.
** Pump Requires Volume Control Code 6 (PVR6-"B"*-RF-O-6)

Heat Exchanger

Code	Description
Omit	No Cooler Option
HEA44C	Air-to-Oil Cooler HEA44 For Case Drain, SAE-8 (PVR6 Pump Only)
HEA41R	Air-to-Oil Cooler HEA41 For Return Line, SAE-12
HEW11R	Water-to-Oil Cooler HEA11 - Return Line 1/2 NPT Oil Port, 1 NPT Water Port

Wash Down Motor

Code	H.P.	Voltage*	Frame Size
005TWD	0.5	208/230/460/60/3	56C
007TWD	.75	208/230/460/60/3	56C
010TWD	1	208/230/460/60/3	56C
015TWD	1.5	208/230/460/60/3	56C
020TWD	2	208/230/460/60/3	56C
030TWD	3	208/230/460/60/3	182TC
050TWD	5	208/230/460/60/3	184TC
075TWD	7.5	208/230/460/60/3	213TC
100TWD	10	208/230/460/60/3	215TC
150TWD	15	230/460/60/3	254TC
200TWD	20	230/460/60/3	256TC

*1800 rpm

Reservoir

Code	Gallon Size	Material
5VCS	5	CARBON STEEL
10VCS	10	
20VCS	20	
30VCS	30	
40VCS	40	
5VSS	5	304L STAINLESS STEEL WITH #4 FINISH
10VSS	10	
20VSS	20	
30VSS	30	
40VSS	40	

Typical Ordering Code

WD-V6B20-050TWD-20VCS-V2-G3N-FRC10-EP-HEA44C (Power Unit)
VSD03M-3A-GWDB-60L (Directional Control Valve - Qty. 2)
BD03-100 (Bolt Kit - Qty. 2)



Why settle for “close enough” when you need hydraulics?

Continental Hydraulics offers a complete line of products to meet your need for reliable, precise fluid power. In addition to the Wash Down Little Champ Power Units shown in this brochure, Continental also offers vane and piston pumps, a full line of control valves, and other hydraulic power units.

Continental’s products are used in diverse applications such as plastic molding machinery, machine tools, pulp and paper machines, marine auxiliary power controls and deck handling equipment, and masonry products produce equipment.

Distributors who know how to help ---

Anyone can say, “Here’s our catalog, take your pick.” Continental Distributors work with you to find out what you need. Then they work with our engineers to make sure you get it.

Service and support --- To provide maximum service and assistance, Continental Hydraulics maintains a strong distribution network, with representatives throughout North America and around the world. The average Continental Distributor has been with us for 15 years. They have repair and replacement parts, and the skill to solve your hydraulic problems.

Our Distributors work hand-in-hand with our Engineers to select components and build systems that will meet your toughest specifications. And they’ll suggest creative solutions that can help save money or enhance performance.

Whether you need a complete hydraulic power supply or a single directional control valve, come to Continental.



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Because Continental Hydraulics is continually improving its products, specifications and appearance are subject to change without notice.