

APPLICATION GUIDES

PH3 POWERHALT SHUT-OFF VALVES

DESCRIPTION	SIZE	CONTROL/ RESET	ACTUATION	KIT #	INSTALL MANUAL
UNIVERSAL KITS (COMMERCIAL TRUCKS/STATIONARY EQUIPMENT)					
Automatic MAG 3/8" WITH 5' HARNESS	1.75"	Auto/Auto or Manual	Electric	C50224A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	1.75"	Auto/Auto or Manual	Electric	C50224A-10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	1.75"	Auto/Auto or Manual	Electric	C50224A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	1.75"	Auto/Auto or Manual	Electric	C50224A-R10	6325 / 6452
Manual 5' HARNESS WITH MEMBRANE SWITCH	1.75"	Manual/Auto	Electric	C50224	6413
Manual 10' HARNESS WITH MEMBRANE SWITCH	1.75"	Manual/Auto	Electric	C50224-10	6413
Manual 5' HARNESS WITH TOGGLE SWITCH	1.75"	Manual/Auto	Electric	C50224T	6412
Manual 10' HARNESS WITH TOGGLE SWITCH	1.75"	Manual/Auto	Electric	C50224T-10	6412
Automatic MAG 3/8" WITH 5' HARNESS	2.0"	Auto/Auto or Manual	Electric	C50225A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	2.0"	Auto/Auto or Manual	Electric	C50225A-10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	2.0"	Auto/Auto or Manual	Electric	C50225A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	2.0"	Auto/Auto or Manual	Electric	C50225A-R10	6325 / 6452
Manual 5' HARNESS WITH MEMBRANE SWITCH	2.0"	Manual/Auto	Electric	C50225	6413
Manual 10' HARNESS WITH MEMBRANE SWITCH	2.0"	Manual/Auto	Electric	C50225-10	6413
Manual 5' HARNESS WITH TOGGLE SWITCH	2.0"	Manual/Auto	Electric	C50225T	6412
Manual 10' HARNESS WITH TOGGLE SWITCH	2.0"	Manual/Auto	Electric	C50225T-10	6412
Automatic MAG 3/8" WITH 5' HARNESS	2.25"	Auto/Auto or Manual	Electric	C50252A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	2.25"	Auto/Auto or Manual	Electric	C50252A-10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	2.25"	Auto/Auto or Manual	Electric	C50252A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	2.25"	Auto/Auto or Manual	Electric	C50252A-R10	6325 / 6452
Manual 5' HARNESS WITH MEMBRANE SWITCH	2.25"	Manual/Auto	Electric	C50252	6413
Manual 10' HARNESS WITH MEMBRANE SWITCH	2.25"	Manual/Auto	Electric	C50252-10	6413
Manual 5' HARNESS WITH TOGGLE SWITCH	2.25"	Manual/Auto	Electric	C50252T	6412
Manual 10' HARNESS WITH TOGGLE SWITCH	2.25"	Manual/Auto	Electric	C50252T-10	6412

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UNIVERSAL KITS (COMMERCIAL TRUCKS/STATIONARY EQUIPMENT)					
Automatic MAG 3/8" WITH 5' HARNESS	2.5"	Auto/Auto or Manual	Electric	C50243A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	2.5"	Auto/Auto or Manual	Electric	C50243A-10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	2.5"	Auto/Auto or Manual	Electric	C50243A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	2.5"	Auto/Auto or Manual	Electric	C50243A-R10	6325 / 6452
Manual 5' HARNESS WITH MEMBRANE SWITCH	2.5"	Manual/Auto	Electric	C50243	6413
Manual 10' HARNESS WITH MEMBRANE SWITCH	2.5"	Manual/Auto	Electric	C50243-10	6413
Manual 5' HARNESS WITH TOGGLE SWITCH	2.5"	Manual/Auto	Electric	C50243T	6412
Manual 10' HARNESS WITH TOGGLE SWITCH	2.5"	Manual/Auto	Electric	C50243T-10	6412
Automatic MAG 3/8" WITH 5' HARNESS	2.75"	Auto/Auto or Manual	Electric	C50244A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	2.75"	Auto/Auto or Manual	Electric	C50244A-10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	2.75"	Auto/Auto or Manual	Electric	C50244A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	2.75"	Auto/Auto or Manual	Electric	C50244A-R10	6325 / 6452
Manual 5' HARNESS WITH MEMBRANE SWITCH	2.75"	Manual/Auto	Electric	C50244	6413
Manual 10' HARNESS WITH MEMBRANE SWITCH	2.75"	Manual/Auto	Electric	C50244-10	6413
Manual 5' HARNESS WITH TOGGLE SWITCH	2.75"	Manual/Auto	Electric	C50244T	6412
Manual 10' HARNESS WITH TOGGLE SWITCH	2.75"	Manual/Auto	Electric	C50244T-10	6412
Automatic MAG 3/4" WITH 5' HARNESS	3.0"	Auto/Auto or Manual	Electric	C50226A	6325 / 6452
Automatic MAG 3/4" WITH 10' HARNESS	3.0"	Auto/Auto or Manual	Electric	C50226A-10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	3.0"	Auto/Auto or Manual	Electric	C50226A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	3.0"	Auto/Auto or Manual	Electric	C50226A-R10	6325 / 6452
Manual 5' HARNESS WITH MEMBRANE SWITCH	3.0"	Manual/Auto	Electric	C50226	6413
Manual 10' HARNESS WITH MEMBRANE SWITCH	3.0"	Manual/Auto	Electric	C50226-10	6413
Manual 5' HARNESS WITH TOGGLE SWITCH	3.0"	Manual/Auto	Electric	C50226T	6412
Manual 10' HARNESS WITH TOGGLE SWITCH	3.0"	Manual/Auto	Electric	C50226T-10	6412

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UNIVERSAL KITS (COMMERCIAL TRUCKS/STATIONARY EQUIPMENT)					
Automatic MAG 3/4" WITH 5' HARNESS	3.5"	Auto/Auto or Manual	Electric	C50256A	6325 / 6452
Automatic MAG 3/4" WITH 10' HARNESS	3.5"	Auto/Auto or Manual	Electric	C50256A-10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	3.5"	Auto/Auto or Manual	Electric	C50256A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	3.5"	Auto/Auto or Manual	Electric	C50256A-R10	6325 / 6452
Manual 5' HARNESS WITH MEMBRANE SWITCH	3.5"	Manual/Auto	Electric	C50256	6413
Manual 10' HARNESS WITH MEMBRANE SWITCH	3.5"	Manual/Auto	Electric	C50256-10	6413
Manual 5' HARNESS WITH TOGGLE SWITCH	3.5"	Manual/Auto	Electric	C50256T	6412
Manual 10' HARNESS WITH TOGGLE SWITCH	3.5"	Manual/Auto	Electric	C50256T-10	6412
Automatic MAG 3/4" WITH 5' HARNESS	4.0"	Auto/Auto or Manual	Electric	C50228A	6325 / 6452
Automatic MAG 3/4" WITH 10' HARNESS	4.0"	Auto/Auto or Manual	Electric	C50228A-10	6325 / 6452
Automatic CRANK POSITION WIRE JUMPER WITH 10' HARNESS	4.0"	Auto/Auto or Manual	Electric	C50228A-J10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	4.0"	Auto/Auto or Manual	Electric	C50228A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	4.0"	Auto/Auto or Manual	Electric	C50228A-R10	6325 / 6452
Manual 5' HARNESS WITH MEMBRANE SWITCH	4.0"	Manual/Auto	Electric	C50228	6413
Manual 10' HARNESS WITH MEMBRANE SWITCH	4.0"	Manual/Auto	Electric	C50228-10	6413
Manual 5' HARNESS WITH TOGGLE SWITCH	4.0"	Manual/Auto	Electric	C50228T	6412
Manual 10' HARNESS WITH TOGGLE SWITCH	4.0"	Manual/Auto	Electric	C50228T-10	6412

APPLICATION GUIDES

PH3 POWERHALT SHUT-OFF VALVES

MAKE / MODEL	SIZE	CONTROL / RESET	ACTUATION	KIT #	INSTALL MANUAL
CLASS 3-5 PICK-UP TRUCK / CHASSIS CAB TRUCKS					
2013 - 2017 Dodge Ram	3.5"	Auto / Auto or Manual	Electric	C50254A	6409
2017 Ford 6.7L Powerstroke	2.75"	Auto / Auto or Manual	Electric	C50278A	6423
2017 GM Duramax	2.75"	Auto / Auto or Manual	Electric	C50287A	6446
2011 - 2015 Mercedes Sprinter (3.0L V6)	2.25"	Auto / Auto or Manual	Electric	C50230A	6313
CLASS 6 - 8 COMMERCIAL HEAVY DUTY TRUCKS					
Detroit DD 13, 15 or 16 Engine	4.0"	Auto / Auto or Manual	Electric	C50223A	6332
Mack / Volvo Generic FOR USE WITH "R" TERMINAL	3.5"	Auto / Auto or Manual	Electric	C50255A-R	6410
MX13 Engine (PUSH-IN TYPE MAG)	4.0"	Auto / Auto or Manual	Electric	C50242A	6369
STATIONARY EQUIPMENT					
UNIVERSAL					
Isuzu 3CJ Engine	1.75"	Auto / Auto or Manual	Electric	C50246A	6325 / 6452
LIGHT TOWER					
PH3 - LTW20 / 20KW / BV - 4LEZ Engine	2.0"	Auto / Auto or Manual	Electric	C50222A	6325 / 6452
WELDERS					
PH3 Vantage 400 Welder	1.75"	Auto / Auto or Manual	Electric	C50224A	6325 / 6452

PH3 POWERHALT SHUT-OFF VALVE ACCESSORIES

ACCESSORY	MAKE / MODEL	SYSTEM VOLTAGE	KIT #	INSTALL MANUAL
AUXILIARY INPUT JUMPER HARNESS				
Auxiliary Input Jumper Harness	Universal	12VDC	C50159	6396
Auxiliary Input Jumper Harness	Universal	24VDC	C50159-24	6396

CUSTOM ORDERS

How to use the PH3 Custom Order Chart:

- 1 Choose a: **VALVE MODEL** + **VALVE SIZE** + **CONTROL OPTION** + **MOUNTING GROUP** *
- 2 Place order using PH3 part numbers. **Example PH3 Valve Order:** C50087 C50094 C50117 *
- 3 Choose any other custom valve components. See Component Section.

PH3 POWERHALT SHUT-OFF VALVES CUSTOM ORDER CHART

VALVE MODEL	PH3	PART #	CONTENTS	
VALVE SIZE (OUTSIDE DIMENSION)		C50087	1.75" Valve	
		C50088	2.0" Valve	
		C50089	2.25" Valve	
		C50097	2.5" Valve	
		C50096	2.75" Valve	
		C50090	3.0" Valve	
		C50098	3.5" Valve	
		C50086	4.0" Valve	
CONTROL OPTIONS**	AUTOMATIC + MAGNETIC SENSOR SEE PAGE 41	C50094	Automatic Controller Membrane Switch 5' long Harness	
		C50093	Automatic Controller Membrane Switch 10' long Harness	
	MANUAL	C50270	Manual Controller Membrane Switch 5' Harness	
		C50271	Manual Controller Membrane Switch 10' Harness	
		C50272	Manual Controller Toggle Switch 5' Harness	
		C50273	Manual Controller Toggle Switch 10' Harness	
	MOUNTING GROUPS			There are many mounting groups available depending on the application, see the COMPONENT SECTION, page 47.

* AUTOMATIC CONTROL OPTIONS MUST ALSO ADD A MAGNETIC PICK-UP, SEE PAGE 41

** PICK THE CONTROL KIT OPTIONS BASED ON THE LENGTH OF HARNESS