

PH3 POWERHALT SHUT-OFF VALVES

DESCRIPTION	SIZE	CONTROL/ RESET	ACTUATION	KIT #	INSTALL MANUAL
UNIVERSAL KITS (COMMERCIAL TRUCKS/STATIONARY EQUIPMENT)					
*NOTE: C50321 Kits are 1.75" Valves using REDUCING HOSES to 1.5"					
Automatic MAG 3/8" WITH 5' HARNESS	<i>*See Note</i>	Auto/Auto or Manual	Electric	C50321A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	<i>*See Note</i>	Auto/Auto or Manual	Electric	C50321A-10	6325 / 6452
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	<i>*See Note</i>	Auto/Auto or Manual	Electric	C50321A-J10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	<i>*See Note</i>	Auto/Auto or Manual	Electric	C50321A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	<i>*See Note</i>	Auto/Auto or Manual	Electric	C50321A-R10	6325 / 6452
Manual 5' HARNESS - 12 & 24 VDC	<i>*See Note</i>	Manual/Auto	Electric	C50321T	6481
Manual 10' HARNESS - 12 & 24 VDC	<i>*See Note</i>	Manual/Auto	Electric	C50321T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	<i>*See Note</i>	Manual/Auto	Electric	C50321T-15	6481
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 CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	1.75"	Auto/Auto or Manual	Electric	C50224A-J10	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 - 12 & 24 VDC	1.75"	Manual/Auto	Electric	C50224T	6481
Manual 10' HARNESS - 12 & 24 VDC	1.75"	Manual/Auto	Electric	C50224T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	1.75"	Manual/Auto	Electric	C50224T-15	6481
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 CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	2.0"	Auto/Auto or Manual	Electric	C50225A-J10	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 - 12 & 24 VDC	2.0"	Manual/Auto	Electric	C50225T	6481
Manual 10' HARNESS - 12 & 24 VDC	2.0"	Manual/Auto	Electric	C50225T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	2.0"	Manual/Auto	Electric	C50225T-15	6481

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UNIVERSAL KITS (COMMERCIAL TRUCKS / STATIONARY EQUIPMENT)					
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 CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	2.25"	Auto/Auto or Manual	Electric	C50252A-J10	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 - 12 & 24 VDC	2.25"	Manual/Auto	Electric	C50252T	6481
Manual 10' HARNESS - 12 & 24 VDC	2.25"	Manual/Auto	Electric	C50252T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	2.25"	Manual/Auto	Electric	C50252T-15	6481
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 CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	2.5"	Auto/Auto or Manual	Electric	C50243A-J10	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 - 12 & 24 VDC	2.5"	Manual/Auto	Electric	C50243T	6481
Manual 10' HARNESS - 12 & 24 VDC	2.5"	Manual/Auto	Electric	C50243T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	2.5"	Manual/Auto	Electric	C50243T-15	6481
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 CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	2.75"	Auto/Auto or Manual	Electric	C50244A-J10	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 - 12 & 24 VDC	2.75"	Manual/Auto	Electric	C50244T	6481
Manual 10' HARNESS - 12 & 24 VDC	2.75"	Manual/Auto	Electric	C50244T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	2.75"	Manual/Auto	Electric	C50244T-15	6481

PH3 POWERHALT SHUT-OFF VALVES

DESCRIPTION	SIZE	CONTROL/ RESET	ACTUATION	KIT #	INSTALL MANUAL
UNIVERSAL KITS (COMMERCIAL TRUCKS / STATIONARY EQUIPMENT)					
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 CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	3.0"	Auto/Auto or Manual	Electric	C50226A-J10	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 - 12 & 24 VDC	3.0"	Manual/Auto	Electric	C50226T	6481
Manual 10' HARNESS - 12 & 24 VDC	3.0"	Manual/Auto	Electric	C50226T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	3.0"	Manual/Auto	Electric	C50226T-15	6481
Automatic MAG 3/4" WITH 5' HARNESS	3.5"	Auto/Auto or Manual	Electric	C60256A	6492 / 6493
Automatic MAG 3/4" WITH 10' HARNESS	3.5"	Auto/Auto or Manual	Electric	C60256A-10	6492 / 6493
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER UP TO & INCLUDING 2018 WITH APEX CONNECTOR ² WITH 10' HARNESS	3.5"	Auto/Auto or Manual	Electric	C60256A-J10	6492 / 6493
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER 2018 + WITH MCON 1.2 CONNECTOR ² WITH 10' HARNESS	3.5"	Auto/Auto or Manual	Electric	C60256A-2J10	6492 / 6493
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	3.5"	Auto/Auto or Manual	Electric	C60256A-R	6492 / 6493
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	3.5"	Auto/Auto or Manual	Electric	C60256A-R10	6492 / 6493
Manual 5' HARNESS - 12 & 24 VDC	3.5"	Manual/Auto or Manual	Electric	C60256T	6495
Manual 10' HARNESS - 12 & 24 VDC	3.5"	Manual/Auto or Manual	Electric	C60256T-10	6495
Manual 15' HARNESS - 12 & 24 VDC	3.5"	Manual/Auto or Manual	Electric	C60256T-15	6495
Manual 20' HARNESS - 12 & 24 VDC	3.5"	Manual/Auto or Manual	Electric	C60256T-20	6495

PH3 POWERHALT SHUT-OFF VALVES

DESCRIPTION	SIZE	CONTROL/ RESET	ACTUATION	KIT #	INSTALL MANUAL
UNIVERSAL KITS (COMMERCIAL TRUCKS / STATIONARY EQUIPMENT)					
Automatic MAG 3/4" WITH 5' HARNESS	4.0"	Auto/Auto or Manual	Electric	C60228A	6492 / 6493
Automatic MAG 3/4" WITH 10' HARNESS	4.0"	Auto/Auto or Manual	Electric	C60228A-10	6492 / 6493
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER UP TO & INCLUDING 2018 WITH APEX CONNECTOR [†] WITH 10' HARNESS	4.0"	Auto/Auto or Manual	Electric	C60228A-J10	6492 / 6493
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER 2018 + WITH MCON 1.2 CONNECTOR [†] WITH 10' HARNESS	4.0"	Auto/Auto or Manual	Electric	C60228A-2J10	6492 / 6493
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	4.0"	Auto/Auto or Manual	Electric	C60228A-R	6492 / 6493
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	4.0"	Auto/Auto or Manual	Electric	C60228A-R10	6492 / 6493
Manual 5' HARNESS - 12 & 24 VDC	4.0"	Manual/Auto or Manual	Electric	C60228T	6495
Manual 10' HARNESS - 12 & 24 VDC	4.0"	Manual/Auto or Manual	Electric	C60228T-10	6495
Manual 15' HARNESS - 12 & 24 VDC	4.0"	Manual/Auto or Manual	Electric	C60228T-15	6495
Manual 20' HARNESS - 12 & 24 VDC	4.0"	Manual/Auto or Manual	Electric	C60228T-20	6495

PH3 POWERHALT SHUT-OFF VALVES

MAKE / MODEL	SIZE	CONTROL / RESET	ACTUATION	KIT #	INSTALL MANUAL
CLASS 3-5 PICK-UP TRUCK / CHASSIS CAB TRUCKS					
2013 - 2018 Dodge Ram	3.5"	Auto / Auto or Manual	Electric	C50254A	6409
2019+ Dodge Ram	3.5"	Auto / Auto or Manual	Electric	C50330A	6409
2017 - 2020 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

Mack/Volvo Generic	3.5"	Auto / Auto or Manual	Electric	C60255A	6492 / 6493
Mack/Volvo Generic FOR USE WITH "R" TERMINAL	3.5"	Auto / Auto or Manual	Electric	C60255A-R	6492 / 6493
Detroit DD 13, 15 or 16 Engine	4.0"	Auto / Auto or Manual	Electric	C60223A	6492 / 6493
MX13 Engine PUSH-IN TYPE MAG	4.0"	Auto / Auto or Manual	Electric	C60242A	6492 / 6493
MX13 Engine CRANK POSITION SENSOR T JUMPER	4.0"	Auto / Auto or Manual	Electric	C60242A-J	6492 / 6493

STATIONARY EQUIPMENT

COMPRESSOR

Doosan 1600 - Automatic MAG 5/8" WITH 10' HARNESS	4.0"	Auto / Auto or Manual	Electric	C50315A	6325 / 6452
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LIGHT TOWER

PH3 - LTW20/20KW/BV- 4LEZ Engine	2.0"	Auto / Auto or Manual	Electric	C50222A	6325 / 6452
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WELDERS

***NOTE: C50321 Kits are 1.75" Valves using REDUCERS to 1.5"**

PH3 Vantage 400 Welder	*See Note	Auto / Auto or Manual	Electric	C50321A	6325 / 6452
PH3 Vantage 400 Welder	1.75"	Auto / Auto or Manual	Electric	C50224A	6325 / 6452

UNIVERSAL

Isuzu 3CJ Engine	1.75"	Auto / Auto or Manual	Electric	C50246A	6325 / 6452
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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

C5 SERIES 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 45 †	C50094	Automatic Controller Membrane Switch 5' long Harness
		C50093	Automatic Controller Membrane Switch 10' long Harness
	MANUAL	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 61-64.

* AUTOMATIC CONTROL OPTIONS MUST ALSO ADD A MAGNETIC PICK-UP, SEE PAGE 45

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

† NOT FOR USE WITH VR SENSOR OR R-TERMINAL HARNESS. PLEASE CONTACT POWERHALT REPRESENTATIVE FOR MORE INFORMATION.