



The ISOLATOR[®]

UNI-FLANGE BALL VALVE[®]

with ROUND FLANGE

- Detachable rotating round flange
- Three flange styles designed specifically for each pump

High Efficiency Variable Speed Pump					
MANUFACTURER*	ARMSTRONG	BELL & GOSSETT	GRUNDFOS	TACO	
MODEL	E.2 Series E16.2/E16.2B, E30.2/E30.2B	ecocirc XL 15-75, XL 20-140, XL 40-200	Magna3 50-80 F, 50-150 F	00e VR15-1	00e VR20-1
Stratos 2.0 × 3-35					
Isolator w/Round Flange					
COMPATIBLE FLANGE	RF400	RF400	RF475	RF375	RF475

THE ISOLATOR W/ ROUND FLANGE

Full Port Forged Brass Uni-Flange Ball Valve w/ Detachable Rotating Flange, Adjustable Packing Gland, Nuts & Bolts

STANDARD BRASS			
SIZE	HV ITEM#	CTN/CASE	CASE WT
FIP × Rotating Flange 600 PSI CWP Max			
1 1/2"	H-41406HV-RF375	1/6	22
2"	H-41407HV-RF400	1/6	30
2"	H-41407HV-RF475	1/6	31
SWT × Rotating Flange 600 PSI CWP Max			
1 1/2"	H-51406HV-RF375	1/6	22
2"	H-51407HV-RF400	1/6	32
2"	H-51407HV-RF475	1/6	33
Press × Rotating Flange 250 PSI CWP Max/250°F Max			
1 1/2"	H-81406HV-RF375	1/6	23
2"	H-81407HV-RF400	1/6	33
2"	H-81407HV-RF475	1/6	34

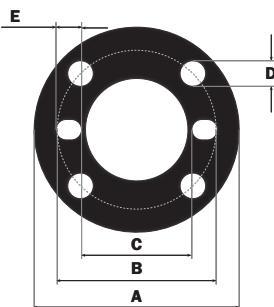
W/ MULTI-FUNCTION HI-FLOW HOSE DRAIN

FIP × Rotating Flange 600 PSI CWP Max			
1 1/2"	H-41416HV-RF375	1/6	26
2"	H-41417HV-RF400	1/6	37
2"	H-41417HV-RF475	1/6	38
SWT × Rotating Flange 600 PSI CWP Max			
1 1/2"	H-51416HV-RF375	1/6	26
2"	H-51417HV-RF400	1/6	38
2"	H-51417HV-RF475	1/6	39
Press × Rotating Flange 250 PSI CWP Max/250°F Max			
1 1/2"	H-81416HV-RF375	1/6	27
2"	H-81417HV-RF400	1/6	38
2"	H-81417HV-RF475	1/6	41

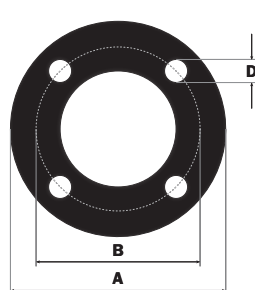
FLANGE DIMENSIONS

	A	B	C	D	E
RF375	5"	3 7/8"	2 11/16"	5/8"	5/8"
RF400	5 1/4"	4"	-	9/16"	-
RF475	6 1/8"	-	4"	-	13/16"

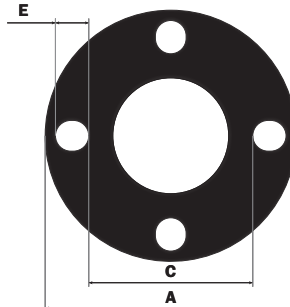
RF375 FLANGE



RF400 FLANGE



RF475 FLANGE



The ISOLATOR[®]

UNI-FLANGE BALL VALVE[®]

SELECT[™] WITH 4-WAY SELECTABLE FLOW PATH

IDEAL FOR GEOTHERMAL APPLICATIONS

- Easily fill, purge, sample or add a pressure gauge right at the pump
- 1" side ports enable quicker filling and purging – ideal for Geothermal applications
- Easily direct fluid between 4 available ports
- Easily isolate the pump for replacement



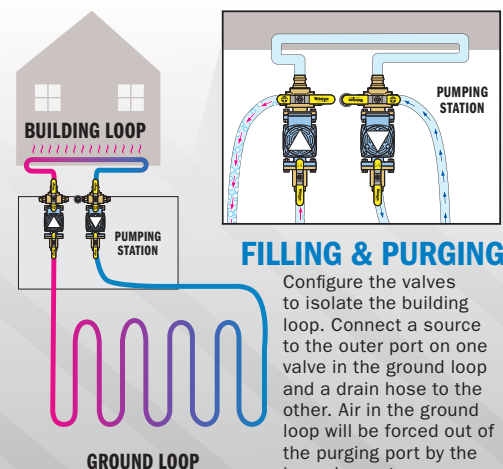
THE ISOLATOR SELECT

Full Port Forged Brass Uni-Flange Ball Valve w/ 4-Way Selectable Flow Path, Plugged FNPT Ports, Adjustable Packing Glands, Nuts & Bolts, Flange Gasket

STANDARD BRASS			
SIZE	HV ITEM#	CTN/CASE	CASE WT
FIP × Press × Rotating Flange 250 PSI CWP Max/250°F Max			
1"	H-81424HV	1/10	35

FITS STANDARD & HIGH VELOCITY PUMPS

2-PUMP GEOTHERMAL SYSTEM OVERVIEW



FILLING & PURGING

Configure the valves to isolate the building loop. Connect a source to the outer port on one valve in the ground loop and a drain hose to the other. Air in the ground loop will be forced out of the purging port by the incoming water.