



Cooling Water
Process
Control
Assembly

WS-series

BRIM

BRIM control assembly is constructed using high quality component. The compact design reduces installation footprint and makes installation fast and easy. Less mechanical joints are used to prevent leakage. BRIM control assembly can be customised for repeat standardised designs for different operational requirements. The main components are flowmeter, RBM pressure reducing valve and Bi-indicator gauge.

Cooling Water Process Control Assembly Supply Assembly



Types of Supply Assembly



Robust components used in WS-series supply assembly not only reduces footprint of assembly and reduces chances of leakage issues, but also provides a more reliable solution compared to PVC-based assemblies.

WS-series Supply assemble is available in various sizes.

Type A
Supply assembly with RBM regulator

WS-series – Main components



Flowmeter
 Body: Polysulfone (PSU)
 Spring: Stainless steel
 End Connection: SS304 FNPT
 Operating Temp.: 0 to 100 °C
 Max. Pressure: 20 Bar
 Accuracy: ± 6%
 Repeatability: ±1%



Pressure Reducing Valve
 Body: Brass
 Nominal pressure: PN25
 Operating temp.: 0 to 100 °C
 Max. inlet pressure: 25Bar
 Adj. outlet pressure: 0.5-7 bar
 Max operating temp.: 80 °C



Bi-indicator gauge
 Dial size: 2 1/2"
 Case: SS304
 Connection: SS316
 Pressure range: 0 to 160 PSI
 Operating Temp.: 20 to 60 °C
 Protection class: IP65

Note: Pictures shown are for illustration purposes only. Product information stated herein may subject to change without prior notice. Kindly consult your local distributor for further information.

Cooling Water Process Control Assembly Return Assembly



Types of Return Assembly



Available in various sizes and with both mechanical and digital flow meter, our Return Assembly is a flexible solution that provides more accurate readings and increases reliability.

Type A
Return assembly with BRIM Flowmeter

Type B
Return assembly with digital flow meter



Stainless steel digital meter for higher accuracy

Modular racking solution - the time and cost-effective approach

Pre-fabricated complete racking solution provides following benefits and features:-

1. Utility hook-up for vacuum pump and chiller (Customisable to requirement)
2. Reduce on site installation hour and cost
3. Robust header
4. Option for replaceable PCW assembly

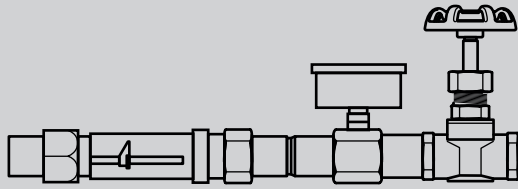
Find out more from our sales consultant.



Assembly Matrix

How to order

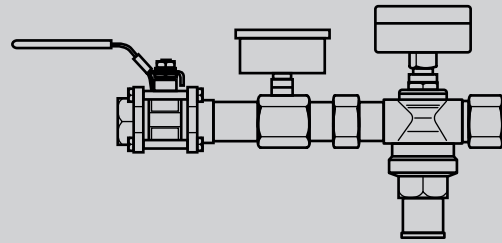
WS15-AFMGGVA-F04



Part number:

WS15 - A FM G GV A - F04
 1 2 3 4 5 6 7

WS15-ABVGRGA-000



Part number:

WS15 - A BV G RG A - 000
 1 2 3 4 5 6 7

1 = Size

WS15	1/2"
WS20	3/4"
WS25	1"
WS40	1 1/2"
WS50	2"
WS65	2 1/2"

2 = Inlet connection

A	SS Socket weld
B	SS FNPT
C	SS MNPT
D	SS Socket weld with union
E	SS FNPT with union
F	SS MNPT with union
G	PVC Socket end with union
H	SS Flange End
S	SS FBSPT

3 = Component 1

00	Nil
BV	Stainless Steel Ball Valve
DM	Digital Flowmeter
GV	Stainless Steel Globe Valve
FM	Polysulfone Housing Flowmeter c/w SS End Connection
RG	Nickel Plated Brass Regulator c/w pressure gauge
FB	Brass Flowmeter

4 = Accessories

0	Nil
G	Bi-indicator

5 = Component 2

00	Nil
BV	Stainless Steel Ball Valve
DM	Digital Flowmeter
GV	Stainless Steel Globe Valve
FM	Polysulfone Housing Flowmeter c/w SS End Connection
RG	Nickel Plated Brass Regulator c/w pressure gauge
ST	Wye Strainer

6 = Outlet connection

A	SS Socket weld
B	SS FNPT
C	SS MNPT
D	SS Socket weld with union
E	SS FNPT with union
F	SS MNPT with union
G	PVC Socket end with union
H	SS Flange End
S	SS FBPST

Additional component

BALV	Balancing valve (Stainless Steel)
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7 = Flow range

	Flow range		Sizes available					
	GPM	LPM	1/2"	3/4"	1"	1.5"	2"	2.5"
000	NIL	NIL	-	-	-	-	-	-
F01	0.5 - 5	2 - 20	●	●	●	-	-	-
F02	1 - 7	3 - 25	●	●	●	-	-	-
F03	1 - 10	4 - 35	●	●	●	-	-	-
F04	1 - 16	5 - 60	●	●	●	-	-	-
F05	3 - 25	12 - 90	-	-	-	●	●	●
F06	3 - 20	10 - 70	-	●	●	-	-	-
F07	4 - 28	10 - 100	-	●	●	-	-	-
F08	5 - 50	20 - 200	-	-	-	●	●	-
F09	8 - 80	30 - 300	-	-	-	●	●	●
F10	10 - 100	40 - 400	-	-	-	●	●	●
D08	5 - 50	19 - 190	-	-	-	●	-	-
D09	10 - 100	38 - 380	-	-	-	●	●	●

Distributed by:



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