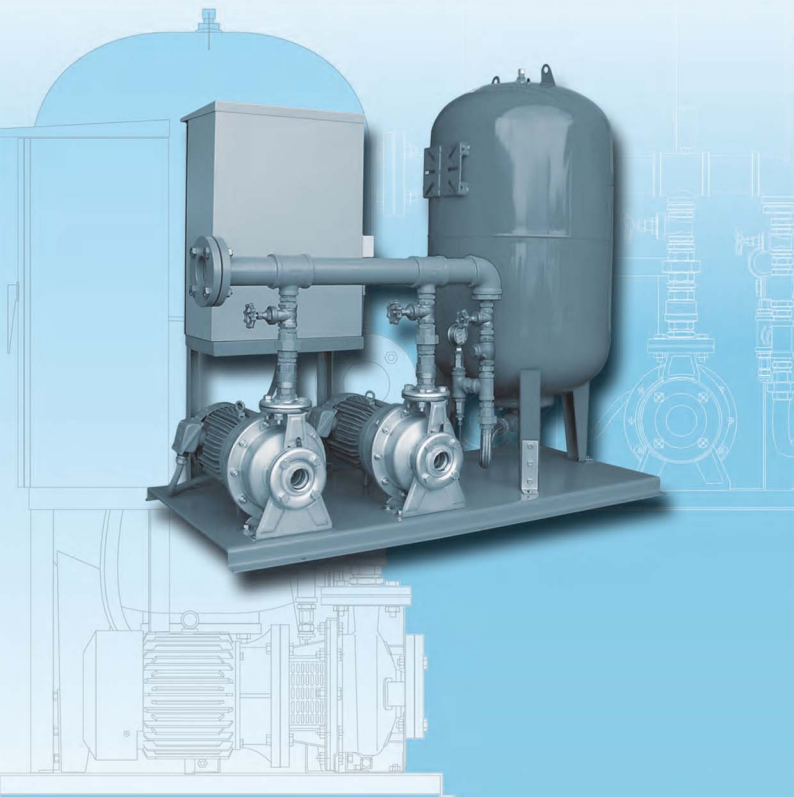


# Packaged Booster Pump Set



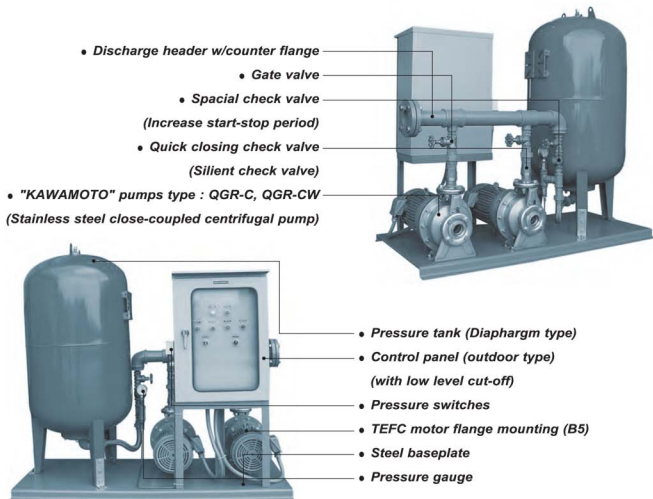
# Packaged Booster Pump Set

## APPLICATIONS

Water supply for office buildings, condominiums, hotels, hospitals, restaurants, school, and department stores and other purposes such as community water supply systems and industrial purposes, etc.

## FEATURES

The unit is supply as complete with pumps, control panel, precharged pressure tank (accumulator), valves, Pressure switches, etc. tested and ready for installation.

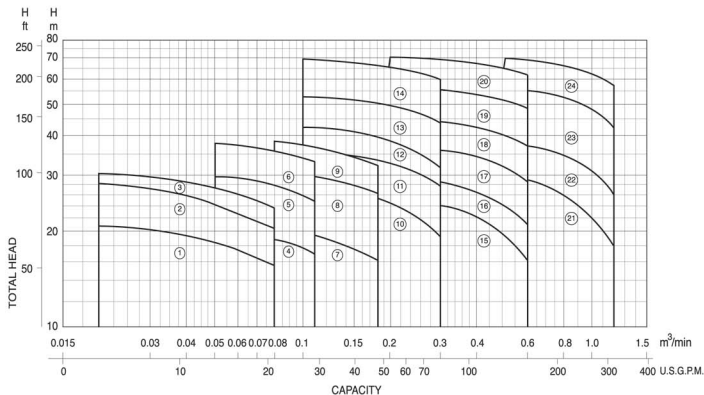


## SPECIFICATIONS

Description	Standard	Option
Control system	Pressure control by pressure switch	Constant pressure by pressure regulating valve
Operation	Duplex pumps ( Alternate/Parallel )	Triplex pumps ( Rotation operation )
Installation	Indoor or outdoor	
Liquid	Clean water 0-110°C (up to pump type)	
Pump	Type : QGR (stainless steel made to avoid from making red discolourment of water Material : Stainless steel ( SUS304 ), Mechanical seal ( Ceramic x Carbon )	
Motor	Type : TEFC, Protection : IP55, Speed : 50Hz = 3000 rpm D.O.L.start ( up to 5.5 KW ) and star-delta start ( 7.5 KW & upper )	
Power Supply	380 V 3 Ph or 220 V 1 Ph ( 0.37-1.5 KW)	
Control panel	Outdoor type with low level cut-off ( with electrode & electrode holder )	No flow cut-off by flow switch ( suction header upon request )
Pressure Tank	Diaphragm type, 100-500 litres	750, 1000 litres upon request
Suction conditions	Negative suction ( Max.Suction lift-4m. ), Positive suction ( Up to 5m. )	

# Packaged Booster Pump Set

## SELECTION CHART 50 Hz



## SELECTION TABLE 50 Hz

Ref No.	Bore (mm)	MODEL	Motor (kW)	PERFORMANCE (per each pump)					
				Capacity (m <sup>3</sup> /min)	Head (m)	ON Pressure (kgf/cm <sup>2</sup> )	OFF Pressure (kgf/cm <sup>2</sup> )	ON Adjustable range (kgf/cm <sup>2</sup> )	Accumulator Pressure (kgf/cm <sup>2</sup> )
1	32 x 50	OGR3-255-C0.37	0.37	0.06	17	1.7	1.9	1.5-1.7	1.55
2		OGR3-255-C0.55	0.55	0.06	23	2.3	2.7	2.0-2.3	2.15
3		OGR3-255-C0.75	0.75	0.06	26	2.6	2.9	2.3-2.6	2.45
4	32 x 50	OGR4-255-C0.55	0.55	0.1	17	1.7	2.0	1.5-1.7	1.55
5		OGR4-255-C0.9	0.9	0.1	25	2.5	3.0	2.2-2.5	2.35
6		OGR4-255-C1.5	1.5	0.1	33	3.3	3.8	3.0-3.3	3.15
7	40 x 50	OGR5-255-C0.9	0.9	0.15	17	1.7	2.1	1.2-1.7	1.55
8		OGR5-255-C1.5	1.5	0.15	28	2.8	3.1	2.3-2.8	2.65
9		OGR5-255-C1.85	1.85	0.15	33	3.3	3.8	3.0-3.3	3.15
10	50 x 65	OGR-325-CW1.5	1.5	0.25	22	2.2	2.7	1.7-2.2	2.05
11		OGR-325-CW2.2	2.2	0.25	30	3.0	3.4	2.5-3.0	2.85
12		OGR-325-CW3.7	3.7	0.25	35	3.5	4.2	2.9-3.5	3.35
13		OGR-325-CW3.7A	3.7	0.25	46	4.6	5.2	4.3-4.6	4.45
14	65 x 80	OGR-325-CW5.5	5.5	0.25	62	6.2	6.9	5.6-6.2	6.05
15		OGR-405-CW2.2	2.2	0.50	19	1.9	2.6	1.3-1.9	1.75
16		OGR-405-CW3.7	3.7	0.50	24	2.4	3.0	1.7-2.4	2.25
17		OGR-405-CW3.7A	3.7	0.50	31	3.1	3.8	2.5-3.1	2.95
18		OGR-405-CW5.5	5.5	0.50	40	4.0	4.6	3.3-4.0	3.85
19		OGR-405-CW7.5	7.5	0.50	50	5.0	5.6	4.5-5.0	4.85
20		OGR-405-CW11	11	0.50	65	6.5	7.0	5.8-6.5	6.35
21		65 x 100	OGR-505-CW5.5	5.5	0.8	26	2.6	3.0	1.8-2.6
22	OGR-505-CW7.5		7.5	0.8	34	3.4	3.9	2.6-3.4	3.25
23	OGR-505-CW11		11	0.8	52	5.2	5.6	4.2-5.2	5.05
24	OGR-505-CW15		15	0.8	66	6.6	7.0	5.7-6.6	6.45

