



EBARA

ETL-SBR-DBU-0001A

EBARA DOMESTIC PRESSURE BOOSTER UNIT

MODEL DBU 2 PRESSURE SWITCH CONTROL



NORMAL PRESSURE BOOSTER UNIT

Pressure Switch Control Pump Model : CMA



Applications

Domestic house, Condominiums, Apartments etc.
 Factory utility use, Wash-down etc.
 School, Hospital etc.

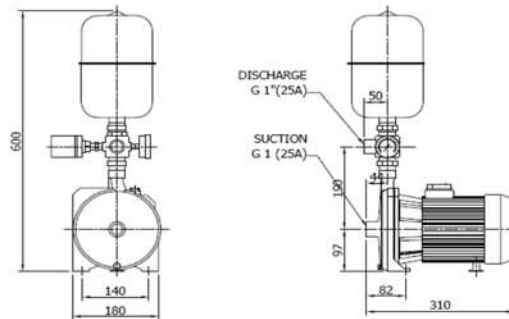
Specifications

- Handling liquid 0-40 °C
- Installation Indoor
- Operation system Pressure switch
- Supply water pressure Refer to table 1
- Power supply Single phase 220V 50Hz
- Allowable suction pressure -0.3 -+0.3 bar G

Features

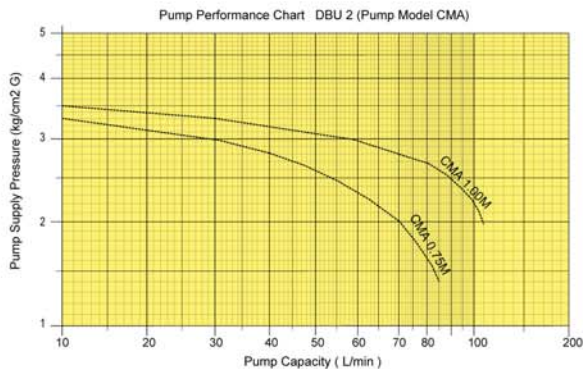
- Robust construction with cast iron casing
- Most conventional and lowest initial investment type
- No shock integrated stainless steel check valve is provided
- Enough water is stored in pressure tank

Dimensions



DBU2 : CMA 1.00 M
 CMA 0.75 M

Performance



Performance Table 1

Model	Pressure Switch setting (kg/cm2G)		kW	Pump Supply Capacity (L/min)							
	On	Off		40	60	80	100	110	120	140	160
				Pump Supply Pressure (kg/cm2G)							
DBU2 CMA 0.75M	1.8	2.8	0.55	2.8	2.3	1.6	-	-	-	-	-
DBU2 CMA 1.00M	1.8	3.0	0.75	3.2	2.95	2.7	2.2	2	-	-	-

NORMAL PRESSURE BOOSTER UNIT

Pressure Switch Control Pump Model : CDXM



■ Applications

Domestic house, Condominiums, Apartments etc..
 Factory utility use, Wash - down etc.
 School, Hospital etc.

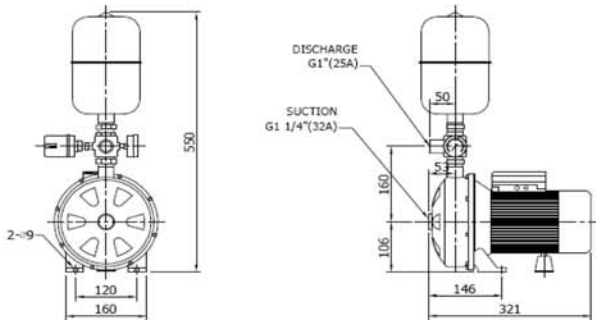
■ Specifications

- Handling liquid 0-40°C
- Installation Indoor
- Operation system Pressure switch
- Supply water pressure Refer to table 2
- Power supply Single phase 220V 50Hz
- Allowable suction pressure -0.3 - +0.3bar G

■ Features

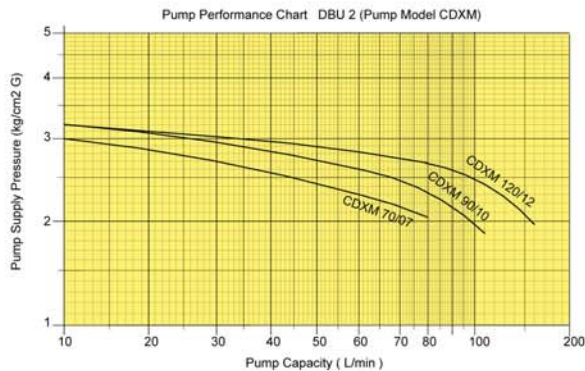
- Most conventional and lowest initial investment type
- No shock integrated stainless steel check valve is provided
- Clean water supply with all stainless steel material
- High efficiency
- Enough water is stored in pressure tank

■ Dimensions



DBU2 : CDXM 70/07
 CDXM 90/10
 CDXM 120/12

■ Performance



Performance Table 2

Model	Pressure Switch setting (kg/cm2G)		kW	Pump Supply Capacity (L/min)								
	On	Off		Pump Supply Pressure (kg/cm2G)								
				40	60	80	100	110	120	140	160	
DBU2 CDXM 70/07	1.6	2.6	0.55	2.6	2.3	2.1	-	-	-	-	-	-
DBU2 CDXM 90/10	1.8	2.8	0.75	2.8	2.6	2.3	2.0	1.85				
DBU CDXM 120/12	1.8	2.8	0.9	3	2.8	2.65	2.5	2.4	2.3	2.1	1.9	

NORMAL PRESSURE BOOSTER UNIT

Pressure Switch Control Pump Model : COMPACT



■ Applications

High-rise Building, Condominiums, Apartments etc.,
 School, Hospital, etc.
 High-rise Factories, Wash-down etc.

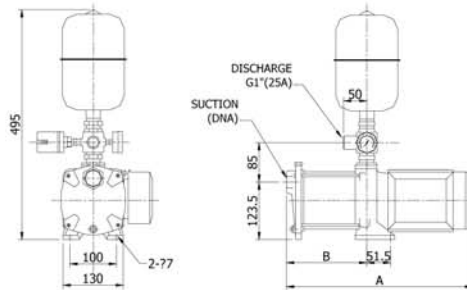
■ Specifications

- | | |
|------------------------------|------------------------|
| ● Handling liquid | 0-40 °C |
| ● Installation | Indoor |
| ● Operation system | Pressure switch |
| ● Supply water pressure | Refer to table 3 |
| ● Power supply | Single phase 220V 50Hz |
| ● Allowable suction pressure | -0.3 - +0.3 bar G |

■ Features

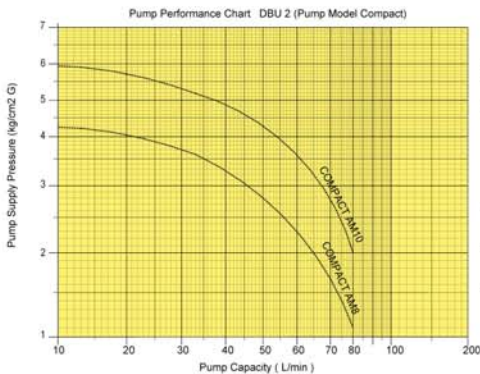
- Horizontal centrifugal multistage pumps
- Robust construction with cast iron bracket
- External casing in stainless steel
- Most conventional and lowest initial investment type
- No shock integrated stainless steel check valve is provided
- High pressure water supply & very quiet operation
- Enough water is stored in pressure tank

■ Dimensions



Pump Model	Dimensions (mm)		
	A	B	DNA
DBU2:COMPACT AM8	359.5	172.5	G1(25A)
DBU2:COMPACT AM10	426	198.5	G1(25A)

■ Performance



Performance Table 3

Model	Pressure Switch setting (kg/cm2G)		kW	Pump Supply Capacity (L/min)							
	On	Off		10	20	30	40	50	60	70	80
				Pump Supply Pressure (kg/cm2G)							
DBU 2	2.7	4.2	0.6	4.2	4.0	3.7	3.3	2.8	2.3	1.7	1.1
COMPACT AM8											
DBU2	3.8	5.8	0.75	5.9	5.7	5.3	4.9	4.3	3.6	2.8	2.0
COMPACT AM10											



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