

MIXER TEMPERATURE CONTROL



MXR Series intensive Mixer Temperature Control Systems offers multi-zone fluid heat transfer capability for high velocity, controlled-temperature water to mixer sides, rotor and drop door.

The MXR Series is designed to withstand demanding mixing room atmospheres and is available in both direct-injection and closed-loop operations. This series is designed for industrial applications requiring fluid temperatures up to 250°F.

Budzar Industries also designs and manufactures specialized equipment for non-standard applications. Our engineers have extensive experience in process chilling and heating applications for such industries as: chemical, petroleum, plastics, rubber, paper, power, steel, food and pharmaceutical. We take the time to understand your current and future needs and design a solution targeted at high quality and fast payback.



38241 WILLOUGHBY PARKWAY
WILLOUGHBY, OH 44094
440-918-0505 • WWW.BUDZAR.COM

engineering
PRECISION

COMPARE THESE FEATURES

- Each Budzar Industries Unit is designed to maximize the productivity of your process. Budzar Industries quality and reliability provide excellent value for each dollar invested
- Consistent temperature control results in more uniform batch characteristics, scrap reduction and elimination of the “first-batch” effect

LOW-COST, SIMPLE OPERATION AND MAINTENANCE

- Solid-state, microprocessor based controller and pneumatic modulating control valves provide reliable accurate operation without cycling
- “At-a-glance” digital read-out controller and function indicator lights display important operating conditions
- Close-coupled centrifugal pumps with high temperature seals and TEFC motors
- Electric heaters or shell and “U” tube heat exchangers for heating with steam are available for fast start-up and flexibility
- All electrical components are housed in a NEMA 12 dust-tight enclosure

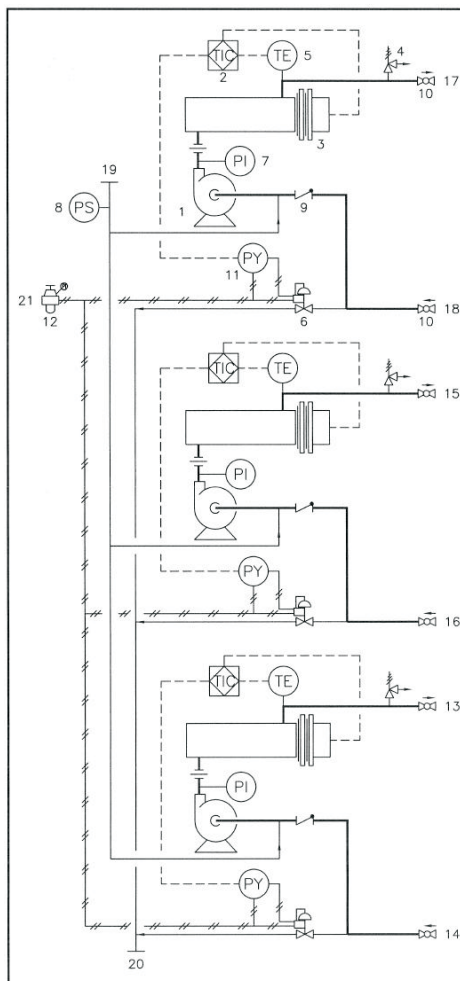
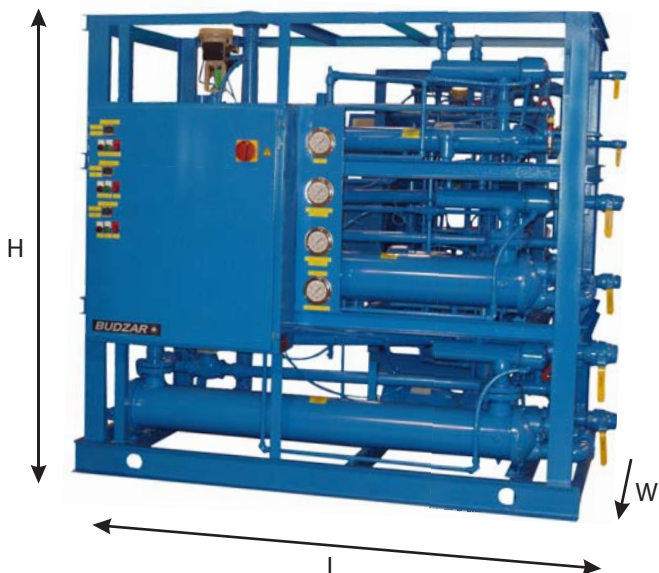
QUICK AND EASY INSTALLATION

- Single-point connections for all utilities
- All units are factory tested prior to shipment



process
TEMPERATURE
control

MIXER TEMPERATURE CONTROL



1. Pump and Motor Assembly
2. Temperature Controller
3. Electric Heater (optional)
4. Relief Valve
5. Cooling Control Valve
6. Pressure Gauge
7. Pressure Switch
8. Check Valve
9. Thermocouple
10. Isolation Valves (optional)
11. Pressure Transducer
12. Air Filter / Regulator
13. To Sides
14. From Sides
15. To Rotors
16. From Rotors
17. To Doors
18. From Doors
19. Cooling Water Supply
20. Cooling Water Return
21. Instrument Air Supply

Model	Flow GPM/HP			Pump Discharge Pressure PSI			Steam Heat FT ²			Optional Heating kW			Optional Closed Loop Cooling Ft ²			FLA @ 460V		Approximate Dimension (L x W x H) ¹	Weight (LBS)
	Side	Rotor	Door	Side	Rotor	Door	Side	Rotor	Door	Side	Rotor	Door	Side	Rotor	Door	Elec	Steam		
MXR-1	60/3	40/1.5	20/1	45	38	32	8.1	3.7	3.7	9	4.5	4.5	61	48	20.4	32.0	9.5	54 x 39 x 84	1,200
MXR-9	90/5	60/3	20/1.5	56	45	36	8.1	8.1	3.7	9	9	4.5	88	61	20	43.0	15.0	54 x 39 x 84	1,425
MXR-11	120/7.5	85/5	20/1.5	60	56	36	15	8.1	3.7	12	8	4.5	131	88	20	53.5	21.5	54 x 39 x 84	1,550
MXR-15	150/10	120/7.5	30/3	60	60	43	15	15	3.7	15	12	4.5	153	131	38	69.5	30.0	60 x 48 x 105	1,800
MXR-27	180/15	150/10	30/3	60	60	43	15	15	3.7	18	15	9	207	153	38	87.0	40.0	60 x 48 x 105	2,080

¹ - Steam units add 6" to width

Notes:

System design pressure - 125 psi
 Maximum steam pressure - 60 psi
 Maximum cooling water pressure - 60 psi
 Direct Injection Standard

Budzar Industries reserves the right to discontinue or change specifications without notice, consistent with sound engineering practice and current industrial standards.



38241 Willoughby Parkway • Willoughby, Ohio 44094
 440-918-0505 • Fax 440-918-0606
 www.Budzar.com • Sales@Budzar.com



Bulletin #14