

10MX Series



Skidmore[®]
A Swan Group Company

10MX Series

Skidmore 10MX Series Condensate Return and Boiler Feed units are designed to provide maximum efficiency, reliability, and easy maintenance in a compact, space-saving configuration. They are packaged units, completely assembled, wired, and factory tested before shipment to assure the product is ready for service when it is received.

Overview

Simplex and duplex units

Cast iron and steel receivers

Capacity to 12,000 sq. ft. equivalent direct radiation (EDR) or 18 gpm

Discharge pressures: 20, 30, and 40 psi

10MX Series Features

- Low maintenance, easily serviceable design—any part subject to normal wear is readily accessible
- Designed for long life
- Close-coupled, centrifugal design with bronze enclosed-type impeller, designed to assure smooth, efficient water passage
- Universal-type 4-bolt square flange mounting with adapter
- Seal water recirculated to pump suction to assure adequate lubrication at all times
- Impeller and seal can be serviced without disturbing system piping or electrical connections
- Mechanical seal withstands temperatures to 250°F
- Seal water recirculated to pump suction to assure adequate lubrication at all times
- Heavy-duty, drip-proof, 3,450 rpm, 60 Hz motor—designed for continuous duty with pre-lubricated, shielded ball bearings and stainless steel shaft
- Choice of single-phase 115/230 volt with built-in overload protection, three-phase 230/460 or 208 volt totally enclosed fan-cooled (TEFC), or three-phase 575 volt ODP available upon request

10MX Condensate Return

Capacity
to 12,000 sq. ft. EDR or 22 gpm

Discharge Pressures
20, 30, and 40 psi

10MX Series Condensate Return units are used in low-pressure heating systems to collect and return condensate to the boiler feed unit. This pump is controlled by the water level in the receiver. When the receiver water level reaches a set point, the high-level float switch starts the return pump(s), pumping the water from the receiver to the boiler feed system. Unlike our 10MX boiler feed units, which are controlled by a boiler-mounted control and equipped with a makeup valve mechanism, 10MX condensate pumps often do not directly supply boiler makeup water.

10MX Boiler Feed

Capacity
to 18 gpm

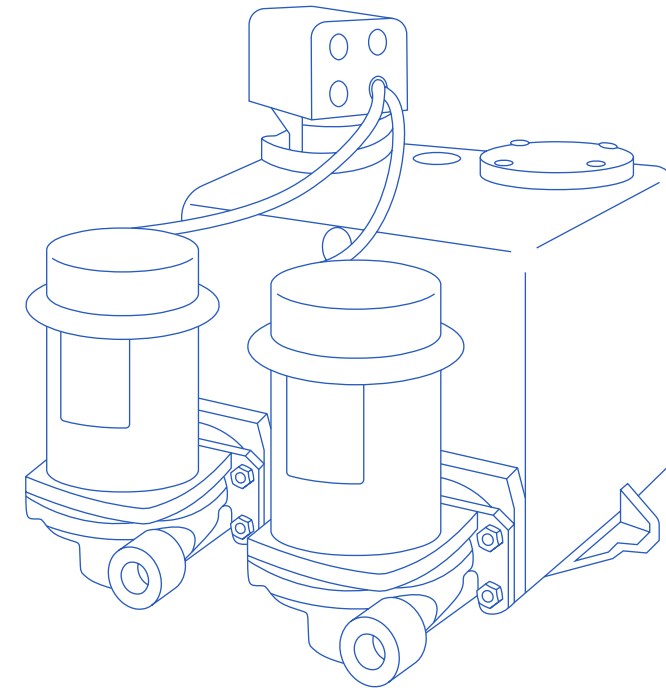
Discharge Pressures
20, 30, and 40 psi

10MX Series Boiler Feed units are used to pump condensate and makeup water directly into the boiler. Pumping action is determined by a boiler-mounted control that senses boiler water level requirements.

Each boiler feed unit is equipped with a heavy-duty makeup valve mounted on the end of the receiver. This valve is activated by the position of its seamless float within the receiver and can be easily removed as a complete unit.

Standard simplex or duplex units are available with steel horizontal or vertical receivers in 49-, 71-, 117-, or 209-gallon capacities and include a glass water level gauge with sight glass. When ordering, specify the model number and voltage requirement.

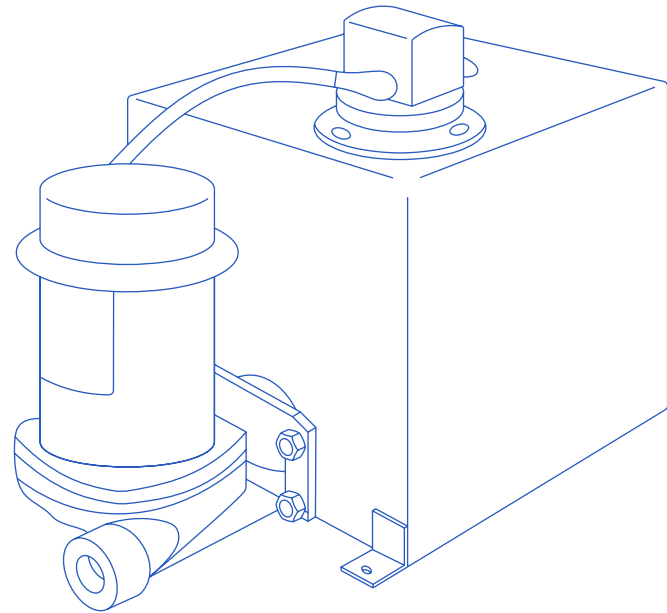
Cast Iron Receiver (Duplex Unit shown)



Ordering Data

Motor		Pump		Model Codes						
				Cast Iron Receiver Sizes						
Phase & Voltage	hp	Discharge Pressure psi	gpm	Simplex				Duplex		
				8,000 EDR	12,000 EDR			12,000 EDR		
					6 gallon	15 gallon	21 gallon	45 gallon	15 gallon	21 gallon
Single 115/230 v	1/3	20	18	XC2S61	XC2S151	XC2S211	XC2S451	XC2D151	XC2D211	XC2D451
	1/2	30	18	XC3S61	XC3S151	XC3S211	XC3S451	XC3D151	XC3D211	XC3D451
	3/4	40	18	XC4S61	XC4S151	XC4S211	XC4S451	XC4D151	XC4D211	XC4D451
Three 230/460 or 208 v	1/3	20	18	XC2S63	XC2S153	XC2S213	XC2S213	XC2D153	XC2D213	XC2D453
	1/2	30	18	XC3S63	XC3S153	XC3S213	XC3S213	XC3D153	XC3D213	XC3D453
	3/4	40	18	XC4S63	XC4S153	XC4S213	XC4S213	XC4D153	XC4D213	XC4D453

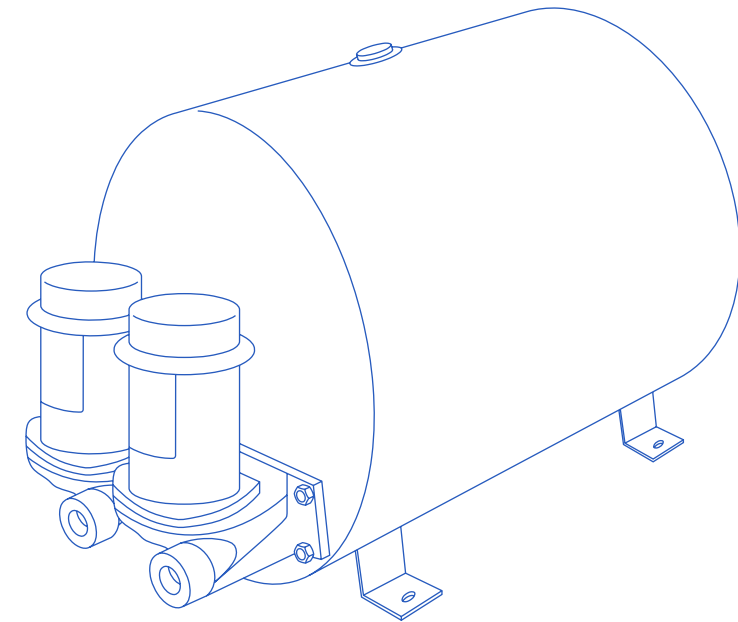
Steel Receiver (Simplex Unit shown)



Ordering Data

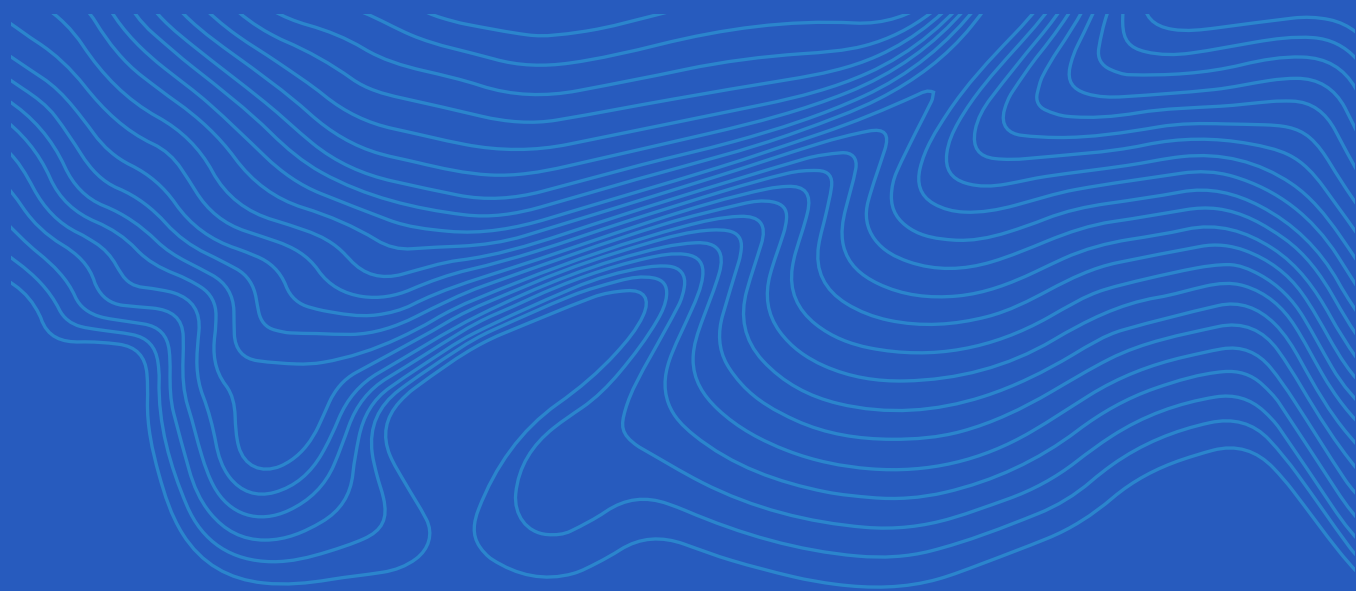
Motor		Pump		Model Codes				
				Welded Steel Receiver Sizes				
Phase & Voltage	hp	Discharge Pressure psi	gpm	Simplex			Duplex	
				8,000 EDR	12,000 EDR		12,000 EDR	
				10 gallon	20 gallon	45 gallon	20 gallon	45 gallon
Single 115/230 v	1/3	20	18	XS2S101	XS2S201	XS2S451	XS2D201	XS2D451
	1/2	30	18	XS3S101	XS3S201	XS3S451	XS3D201	XS3D451
	3/4	40	18	XS4S101	XS4S201	XS4S451	XS4D201	XS4D451
Three 230/460 or 208 v	1/3	20	18	XS2S103	XS2S203	XS2S453	XS2D203	XS2D453
	1/2	30	18	XS3S103	XS3S203	XS3S453	XS3D203	XS3D453
	3/4	40	18	XS4S103	XS4S203	XS4S453	XS4D203	XS4D453

Cylindrical Steel Receiver (Duplex Unit shown)



Ordering Data

Motor		Pump		Model Codes							
				Cylindrical Steel Receiver Sizes							
Phase & Voltage	hp	Discharge Pressure psi	gpm	49 gallon		71 gallon		117 gallon		209 gallon	
				Simplex	Duplex	Simplex	Duplex	Simplex	Duplex	Simplex	Duplex
				Single 115/230 v	1/3	20	18	XM2S491	XM2D491	XM2S711	XM2D711
1/2	30	18	XM3S491		XM3D491	XM3S711	XM3D711	XM3S1171	XM3D1171	XM3S2091	XM3D2091
3/4	40	18	XM4S491		XM4D491	XM4S711	XM4D711	XM4S1171	XM4D1171	XM4S2091	XM4D2091
Three 230/460 or 208 v	1/3	20	18	XM2S493	XM2D493	XM2S713	XM2D713	XM2S1173	XM2D1173	XM2S2093	XM2D2093
	1/2	30	18	XM3S493	XM3D493	XM3S713	XM3D713	XM3S1173	XM3D1173	XM3S2093	XM3D2093
	3/4	40	18	XM4S493	XM4D493	XM4S713	XM4D713	XM4S1173	XM4D1173	XM4S2093	XM4D2093



We believe great ideas make great products. We built our company culture on this philosophy in 1921, and continue to stand by it today.

Every pump that leaves our doors has been carefully crafted and tested against the strictest standards, assuring you receive the highest-quality product possible.

skidmorepump.com

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