

1/2" TC-X152 Series

The TC-X152 pump is designed to offer high flow rates, excellent chemical resistance, improved leak prevention and increased reliability. The TC-X152 series offer exceptional flow rates, low air consumption and solids handling. Featuring new Looped C™ Air Motor Technology (patent pending).

Maximum Flow Rate: 15.8 GPM (60 L/Min)

Maximum Discharge Head: 230 ft (70 m)

Available in: Stainless Steel, Aluminum, Pure Polypropylene and PVDF (Kynar®)

Spool valve type: C-Spring Valve

Check Valves: Flat Valves & Ball options

Certification: CE, ATEX (select models), FDA (SS models)



SPECIFICATIONS

Material Code*	A"X"	S"X"	P"X"-PP	V"X"	DT
Max Flow Rate	15.8 GPM (60 LPM)		14.8 GPM (56 LPM)		
Max Air Pressure	100 PSI (0.7 MPa)				
Max Air Consumption	31.8 scfm (900 L/min)				
Supply Air Pressure Range ¹	30-100 PSI (0.2-0.7 MPa)				
Liquid Discharge Volume per cycle	2.9 oz (85 mL)				
Connection Suction x Discharge	NPT 1/2"				
Weight	9.0 lbs (4.1 kg)	14.8 lbs (6.7 kg)	6.8 lbs (3.1 kg)	9.3 lbs (4.2 kg)	8.4 lbs (3.8 kg)

* See Chart and Model Number nomenclature on back page for materials

Note 1: A supply air pressure of 30 PSI (0.2 MPa) or more is required to operate the pump. If the supply pressure is less than 30 PSI (0.2 MPa), the pump may not operate properly.

Pump Liquid Temperature Range: P"X", V"X" 32-140°F (0-60°C) A"X", S"X" 32-158°F (0-70°C)

CR, NBR Diaphragm 32-158°F (0-70°C) TPO, PTFE Diaphragm 32-212°F (0-100°C)

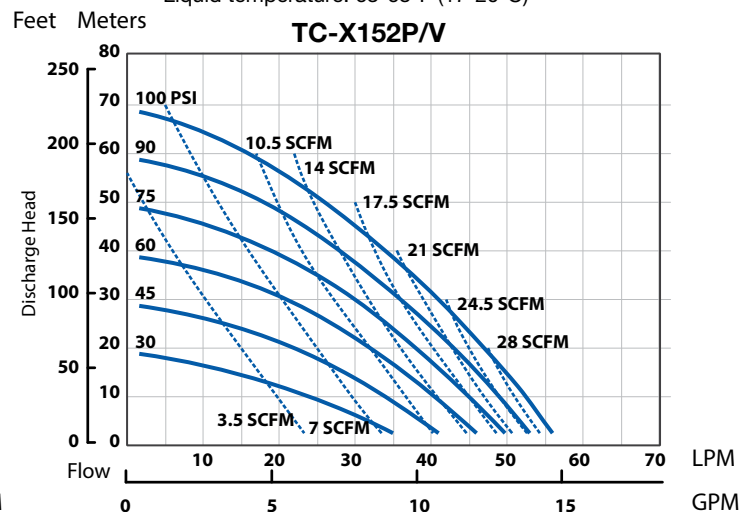
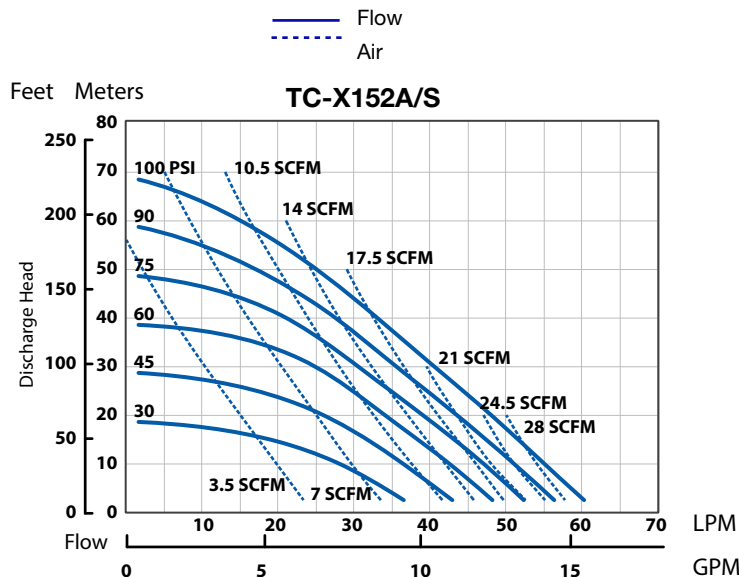
Ambient Temperature Range: 32-158°F (0-70°C)

Slurry Recommendation: A"X", S"X" 0.04" (1mm) or less P"X", V"X", DT Not recommended for use in slurry liquid

Viscosity Limit: ~500 cps (0.5 Pa·s) (Please contact your distributor for more details)

PERFORMANCE CURVES

Conditions:
4"(10 cm) flooded suction.
Ambient temperature: 64°F (18°C)
Liquid temperature: 63-68°F (17-20°C)



IWAKI AIR

* SS316 Multi-port Plug Material (metal pumps)

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