

TITUS AIR / MOISTURE SEPARATORS



High quality compressed air is essential to pneumatic and automation systems. Correct air preparation is imperative in order to minimize component failure, increase the operating life of equipment and reduce energy consumption.

Water vapor occurs naturally in air and is present in the hot air discharged from air compressors. This hot air will then release condensate as it meets the colder surfaces of downstream equipment. Although the condensate can be removed via drains, liquid will remain in the air stream. This liquid condensate will break down lubricating oils increasing friction between moving surfaces and corrode exposed metal components.

For compressed air installations where water contamination is a real problem, Titus air / moisture separators offer an effective solution. Typically, separators are installed downstream of after coolers and air receivers, refrigerant dryers and at strategic points in piping installations. Specially designed, Titus' air / moisture separators utilize an internal spinner which removes large quantities of condensate by centrifugal action.

Titus separators are available for operating pressures up to 232 PSIG.

Technical Specifications

Model	Pipe Size	Flow	
		SCFM	Nm ³ /hr
THS20S	1/4" NPT	20	35
THS30S	3/8" NPT	33	56
THS65S	1/2" NPT	66	112
THS125S	3/4" NPT	127	216
THS175S	1" NPT	176	300
THS300S	1-1/4" NPT	318	540
THS425S	1-1/2" NPT	427	725
THS675S	2" NPT	675	1150
THS1000S	2-1/2" NPT	1000	1700
THS1500S	3" NPT	1500	2550