

NANO-Mini-Split Pumps

Hartell's Mini-Split Condensate Pump is designed for installations where space is limited. The ultra slim profile makes it ideal for air conditioning systems rated up to 50,000 BTU.

The reservoir/sensor fits inside of the air conditioning unit, while the pump can be mounted in a variety of locations, unobtrusive to indoor living space.

The Mini-Split is available in 115V (Model MS-13X-1) or 230V (Model MS-13X-2) and comes complete with low voltage alarm contacts and is designed for systems up to 24,000 BTU.

Hartell's MS-20X-1 & MS-20X-2 are larger capacity pumps with extra lift and pumping capacity, designed for ductless split systems from 24,000 to 50,000 BTU.

Hartell's newest pumps the Nano DC, are designed to provide the performance of the MS-13X series pumps but require only 17-24 volts of direct current for operation.



- For ductless (wall mounted) air-conditioning systems
- Ultra low profile: 1-1/4"
- Led diagnostics
- Low voltage safety switch
- Thermal overload protection
- 6.5 ft suction lift (NANO-13, NANO-DC) 13 ft suction lift (NANO-20)
- 13 ft discharge lift (NANO-13, NANO-DC) 27 ft discharge lift (NANO-20)
- 32 ft horizontal run (@ 3' lift)
- Suitable for equipment with cooling capacities up to 50,000 BTU (MS-20*)
- Auxiliary switch contacts rated to 5 amp

12 Month Warranty

MODEL	PART NO.	MOTOR		AUX Switch	20' Tubing	WT (lbs)	Dimensions (in.)			
		hp @ rpm	VAC				W	D	H	
NANO-13		13 Foot Head @ 2.2 Gal./Hr – Max. Temperature 140° F								
NANO-13X-1	861009	–	115	Y	N sensor only–	1.0	2.60 2.36	1.00 1.58	1.26 1.38	
NANO-13X-2	861010	–	230	Y	N sensor only–	1.0	2.36	1.58	1.38	
NANO-20		27 Foot Head @ 4.2 Gal./Hr – Max. Temperature 140° F								
NANO-20X-1	861013	–	115	Y	N sensor only–	1.0	5.16 2.36	1.58 1.58	1.38 1.38	
NANO-20X-2	861014	–	230	Y	N sensor only–	1.0	5.16 2.36	1.58 1.58	1.38 1.38	

* MS-20 pumps are suitable for AC equipment up to 50,000 BTU's at lifts to 12 feet, or 30,000 TU's at lifts to 27 feet.

MODEL	PART NO.	MOTOR		AUX Switch	20' Tubing	WT (lbs)	Dimensions (in.)			
		hp @ rpm	VAC				W	D	H	
NANO-DC		13 Foot Head @ 2.2 Gal./Hr – Max. Temperature 140° F								
NANO-13X-DC	861015	–	17-24 DC	Y	N sensor only–	1.0	2.60 2.36	1.00 1.58	1.26 1.38	