



New Variable Speed Modular Chillers

PRODUCT RELEASE

INTRODUCING THE NEW «SUPERMOD» NEXT GENERATION MODULAR CHILLER BY ARCTICHILL



Super Efficient




Super Quiet Design




Scalable Flexibility

- Super Efficient - Variable speed scroll compressors and condenser fans for unparalleled efficiency in a modular platform
- Super Silent - Initial sound level are extremely low and reduce further with with unloading
- Super Capacity Range - 10-80 Tons and expandable up to 640 Tons
- Super Flexible - Available for air-cooled and water cooled applications
- Super Controls - Next Gen open protocol controller allowing for remote monitoring and optional plant controls
- Super Heat Recovery - Heat pump mode, heat recovery heat exchanger, or both are available in both water and air cooled
- Super Free Cooling - Integrated Free Cooling Coils are now available to reduce overall footprint for the bank
- Super Options - Cleanable shell and tube heat exchangers, copper/copper or phenolic coated condenser coils, dual or single circuit options available
- Super System - Optional integrated pumping and specialties with variable primary logic and hardware available

Air Cooled Variable Speed Scroll Model Configurations

Model		Description	Cabinet Dims
PACVMV0150D_-MM-VS		15 Ton compact, dual circuits, VFD lead circuit	32" W x 72" L x 76" H
PACVMV0200D_-MM-VS		20 Ton compact, dual circuits, VFD lead circuit	32" W x 72" L x 76" H
PACVMV0250D_-MM-VS		25 Ton, dual circuits, VFD lead circuit	48" W x 96" L x 89" H
PACVMV0300D_-MM-VS		30 Ton, dual circuits, VFD lead circuit	48" W x 96" L x 89" H
PACVMV0400D_-MM-VS		40 Ton, dual circuits, VFD lead circuit	48" W x 96" L x 89" H
PACVMV0500D_-MM-VS		50 Ton, dual circuits, VFD lead circuit	96" W x 96" L x 89" H
PACVMV0600D_-MM-VS		60 Ton, dual circuits, VFD lead circuit	96" W x 96" L x 89" H
PACVMV0800D_-MM-VS		80 Ton, dual circuits, VFD lead circuit	96" W x 96" L x 89" H
PACVMV0150S_-MM-VS		15 Ton compact, single compressor VFD	32" W x 72" L x 76" H
PACVMV0200S_-MM-VS		20 Ton compact, single compressor VFD	32" W x 72" L x 76" H
PACVMV0250S_-MM-VS		25 Ton, single compressor, VFD	48" W x 96" L x 89" H
PACVMV0300T_-MM-VS		30 Ton, tandem compressor, VFD lead comp	48" W x 96" L x 89" H
PACVMV0400T_-MM-VS		40 Ton, tandem compressor, VFD lead comp	48" W x 96" L x 89" H
PACVMV0500T_-MM-VS		50 Ton, tandem compressor, VFD lead comp	96" W x 96" L x 89" H
PACVMV0600T_-MM-VS		60 Ton, tandem compressor, VFD lead comp	96" W x 96" L x 89" H

Water Cooled Variable Speed Scroll Model Configurations

Model		Description	Cabinet Dims
PWCCMV0150D_-MM-VS		15 Ton, dual circuits, VFD lead circuit	24" W x 66" L x 76" H
PWCCMV0200D_-MM-VS		20 Ton, dual circuits, VFD lead circuit	24" W x 66" L x 76" H
PWCCMV0250D_-MM-VS		25 Ton, dual circuits, VFD lead circuit	24" W x 66" L x 76" H
PWCCMV0300D_-MM-VS		30 Ton, dual circuits, VFD lead circuit	24" W x 66" L x 76" H
PWCCMV0400D_-MM-VS		40 Ton, dual circuits, VFD lead circuit	34" W x 66" L x 76" H
PWCCMV0500D_-MM-VS		50 Ton, dual circuits, VFD lead circuit	34" W x 66" L x 76" H
PWCCMV0600D_-MM-VS		60 Ton, dual circuits, VFD lead circuit	34" W x 66" L x 76" H
PWCCMV0800D_-MM-VS		80 Ton, dual circuits, VFD lead circuit	34" W x 66" L x 76" H
PWCCMV1200D_-MM-VS		120 Ton, dual circuits, VFD lead circuit	38" W x 78" L x 96" H
PWCCMV0150S_-MM-VS		15 Ton, single compressor VFD	24" W x 60" L x 76" H
PWCCMV0200S_-MM-VS		20 Ton, single compressor VFD	24" W x 60" L x 76" H
PWCCMV0250S_-MM-VS		25 Ton, single compressor VFD	24" W x 60" L x 76" H
PWCCMV0300T_-MM-VS		30 Ton, tandem compressor, VFD lead comp	24" W x 66" L x 76" H
PWCCMV0400T_-MM-VS		40 Ton, tandem compressor, VFD lead comp	34" W x 66" L x 76" H
PWCCMV0500T_-MM-VS		50 Ton, tandem compressor, VFD lead comp	34" W x 66" L x 76" H
PWCCMV0600T_-MM-VS		60 Ton, tandem compressor, VFD lead comp	34" W x 66" L x 76" H

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