

# Contractors Pump Statistics Committee Product Definitions and Quick Links

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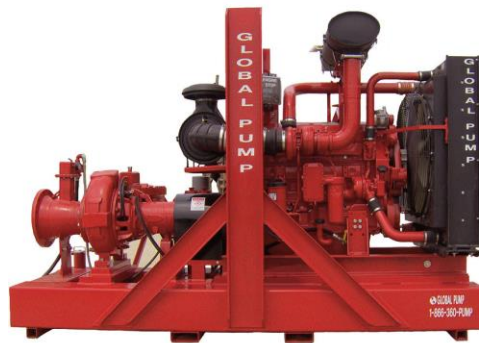
# Automatic Self-Priming, Trash (Solids Handling) Pumps (CB20)

APMT-rated pumps are trash pumps which achieve their ability to prime and reprime by virtue of an auxiliary air compressor/venturi system, by an air-handling vacuum pump, or by an automatic diaphragm priming system. All pumps carrying APMT ratings shall be so designed as to incorporate a provision which will permit access to the interior as well as to the impeller for clean out purposes. Performance characteristics and solids-handling capabilities of APMT-rated pumps are the same as MT-rated pumps.



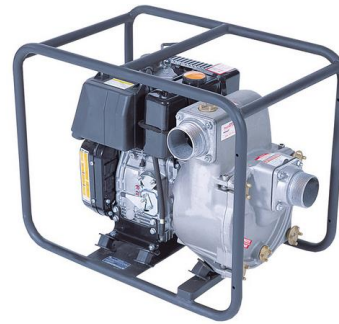
# Automatic Self-Priming, Non-Trash Pumps (CB21)

APM-rated pumps are centrifugal pumps which achieve their ability to prime and reprime by virtue of an auxiliary air compressor/venturi system, by an air-handling vacuum pump, or by an automatic diaphragm priming system. Performance characteristics and solids-handling capabilities of APM-rated pumps are the same as M-rated pumps.



# Wet Prime - Non-Trash Pumps (CB22)

M-rated.



# Wet Prime - Trash (Solids Handling) Pumps (CB23)

MT-rated pumps will have the ability to pass spherical solids of a size relative to their discharge diameter. All pumps carrying MT ratings shall be so designed as to incorporate a removable end plate which will provide ready and easy access to the interior as well as to the impeller for clean out purposes. MT rated pumps shall be of cast iron construction for heavy duty use.



# Wet Prime - Rotary Pumps (CB24)

RW - rated pumps are wet-priming, positive-displacement rotary pumps which are capable of handling large volumes of both air and water and are suitable for wellpoint and sock underdrain dewatering applications.



# Diaphragm Pumps (CB25)

Diaphragm Pumps are positive displacement pumps, utilizing a flexible diaphragm, are capable of pumping muddy/mucky water and large amounts of solids. Dry run capability makes diaphragm pumps suitable for slow seepage applications. Diaphragm pumps are not rated.



# SPEP Electric Submersible Pumps – 1 Phase (CB34)

Electric driven submersible pumps are usually a bottom-suction, single-stage centrifugal pump directly mounted on the shaft of a single-phase submersible motor. Some models have two or more impellers or stages. These pumps are designed to operate partly or completely submerged in the liquid that is being pumped.





# SPEP Electric Submersible Pumps – 3 Phase (CB35)

Electric driven submersible pumps are usually a bottom-suction, single-stage centrifugal pump directly mounted on the shaft of a three-phase submersible motor. Some models have two or more impellers or stages. These pumps are designed to operate partly or completely submerged in the liquid that is being pumped.



## Sound Attenuated Pumps (CB37)

This category includes all pump models, types and sizes which include a provision, usually a canopy, for sound attenuation. The numbers that you report into this category include all pump models which had canopies and which you also reported in the other categories. This is duplicate reporting. There is no specific sound reduction associated with units that the manufacturer designates as being sound-attenuated. However, if the canopy is simply for prevention of vandalism or, if only the engine is sound-attenuated, do not report them in this category.



# Pump Heads, Hydraulic Submersible Pumps (CB38)

Hydraulically-driven submersible pumps are bottom-suction, single-stage centrifugal pumps coupled to a hydraulic motor. These pumps are designed to operate while partially or completely submerged in the liquid that is being pumped.



# Hydraulic Power Units (CB39)

Hydraulic Power Units consist of an engine or motor, a hydraulic pump and an oil reservoir. These units are usually stationed on land and supply hydraulic fluid under high pressure through hydraulic lines to drive a submersible pump head.

