

SPECIFIC MUFFLERS

“NOT A MUFFLER FOR ALL WORK BUT A SELECTED ONE FOR YOUR NEED”

1. “M” DISCHARGE MUFFLERS

DESCRIPTION

- Some systems are noisy due to vibration and pulsation of gas through the discharge line. To smooth out pulsations and reduce vibrations and noise, **ITE** offers the industry's most complete line of “**M**” series **DISCHARGE MUFFLERS**.
- All mufflers may be mounted horizontally or vertically as long as instructions are followed (minimize “oil trap” risks).
- All mufflers are of hydrogen copper brazed steel construction insuring maximum strength and complete cleanliness.
- **M-60** through **M-110** mufflers are of hydrogen copper brazed steel and shielded arc welded construction.
- Complete and ready to use with **+183°C** (+362°F) safety fusible plug installed on **M-30** through **M-110** models.
- “**IN**” (inlet), “**OUT**” (outlet) and “**TOP**” marking for installation.
- CE approved (PED).
- All mufflers are designed to eliminate pulsation in compressor discharge line running to remote condensers.
- All mufflers have internal baffles designed for minimum pressure drop. These baffles change the velocity of the discharge gas. This results in a dampening effect on high frequency sound waves in the gasses on high speed compressors. This also irons out the pulsating waves in low speed compressors.

PART NUMBER	CONNEC. (O.D.S.)	NOMINAL (U.S. TONS)	CAPACITY (kW)	EXT. DIAM.	OVERALL LENGTH	
					(mm)	(inch)
M-02	3/8"	2	7	2"	190	7 ⁷ / ₁₆ "
M-03	1/2"	3	10,5	3"	190	7 ⁷ / ₁₆ "
M-05	5/8"	4	17,5	2"	190	7 ⁷ / ₁₆ "
M-10	7/8"	7,5 to 10	26 to 35	3"	230	9"
M-15	1 1/8"	10 to 15	35 to 52	3"	240	9 1/4"
M-20	1 3/8"	15 to 25	52 to 87	3"	350	13 ³ / ₄ "
M-30	1 5/8"	25 to 50	87 to 174	4"	410	16"
M-60	2 1/8"	50 to 75	174 to 261	6"	670	26 1/2"
M-80	2 5/8"	75 to 100	261 to 349	6"	710	28"
M-110	3 1/8"	100 to 125	349 to 436	6"	920	36"

NOTE: For the installation, respect “**IN**”, “**OUT**” and “**TOP**” when marking.

2. “AM” ADJUSTABLE MUFFLERS

DESCRIPTION

- This original **ADJUSTABLE DISCHARGE MUFFLER** development permits “**TUNING**” the muffler to the system. For the first time, it is possible to change muffler characteristics without installing a different muffler or even breaking into the system.
- The “**AM**” series **ADJUSTABLE MUFFLER** may be adjusted without loosing charge and while the system is running. It is provided with a stem which may be turned to “**TUNE**” the muffler to the system.
- Two identical systems do not always sound the same. One may be noisy while the other is quiet. The **ADJUSTABLE MUFFLER** that **ITE nv** offers provides a variable range of characteristics so that, the performance with a particular system can be attained.
- All **ADJUSTABLE MUFFLERS** are ready to use with their safety fusible plug installed (**+183°C**).
- CE approved (PED).

PART NUMBER	CONNEC. (O.D.S.)	NOMINAL (U.S. TONS)	CAPACITY (kW)	EXT. DIAM.	OVERALL LENGTH	
					(mm)	(inch)
AM-05	5/8"	2 to 5	7 to 17	4"	250	10"
AM-10	7/8"	5 to 10	17 to 35	4"	280	11"
AM-25	1 1/8"	10 to 25	35 to 87	4"	360	14 1/4"



M-60



AM-05

3. "DM" SUCTION MUFFLERS

DM-1677	MUFFLER	7/8" IDS x 7/8" ODS,	16 to 18 Kw
DM-1678	MUFFLER	1 1/8" IDS x 1 1/8" ODS,	21 to 35 Kw
DM-1679	MUFFLER	1 3/8" IDS x 1 3/8" ODS,	26 to 44 Kw
DM-1676	MUFFLER	1 1/8" IDS x 1 3/8" ODS,	26 to 35 Kw

DESCRIPTION

- As **ITE** is always "**MARKET**" and "**SERVICE**" oriented, we offer a line of **SUCTION MUFFLERS**.
- These "**DM**" **series SUCTION MUFFLERS** smooth out suction pulsations resulting in reduced system noise when installed at the compressor on the suction side.
- They are of hydrogen copper brazed steel construction for maximum strength and complete cleanliness with copper nipples (one **I.D.S.** male connection at the inlet and one **O.D.S.** demale connection at the outlet) for easy installation in the "line" or in the "field".
- All are **U.L.**, **cU.L.** and **CSA listed**.
- Length: **156 mm (6 1/8")**.

