

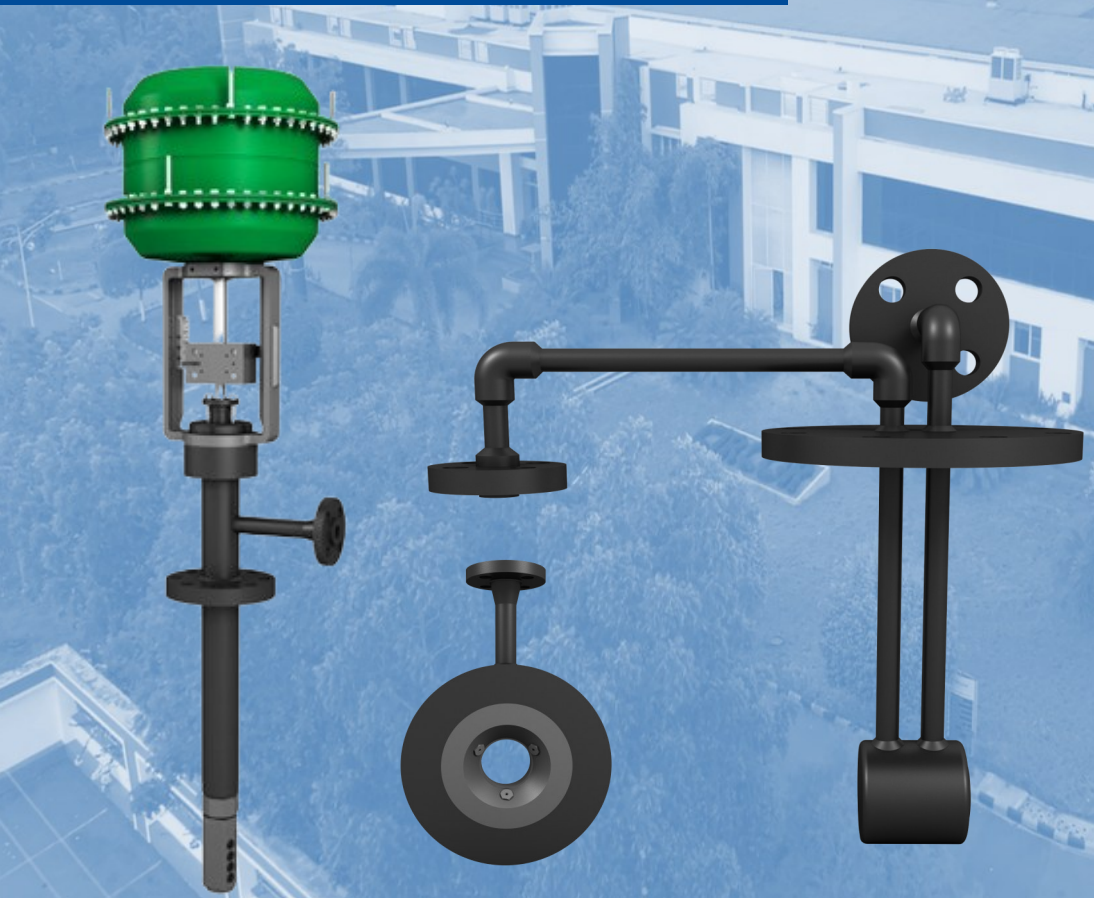
# 3200

Desuperheater



Versatile. Reliable

**Size:** 1" and above  
**Pressure Rating:** 150# to 2500#  
**Certifications:** IBR, NACE, PED/CE



### Industries:

- Downstream Oil and Gas
- General Industry
- Midstream Oil and Gas
- Power Generation
- Processing
- Renewables

Accurate Temperature Control

Fast Cooling Action

Optimized Heat Transfer

Stable Performance Output

Efficient Design

Low Maintenance Need

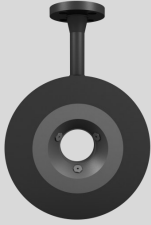





Long Service Life

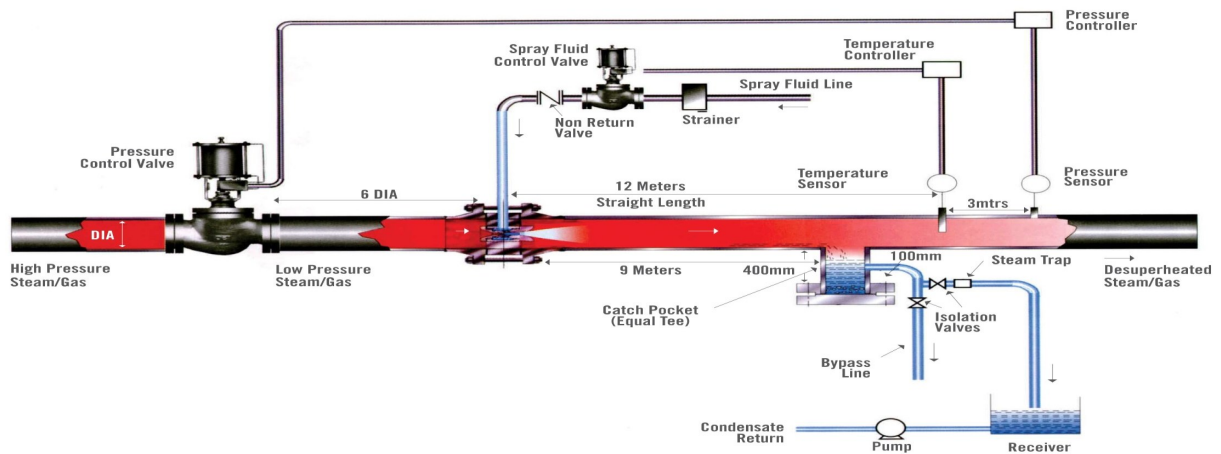
Flexible Model Range

Precise Steam Control



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Model Name	3210	3220	3230/40	3250/60/70	3280
<b>Desuperheater Type</b>	Venturi Desuperheater 	Fixed Nozzle Desuperheater 	Spring Loaded Nozzle Desuperheater Probe Style  Wall Mounted 	Integral Control Desuperheater 	Steam Assisted Desuperheater 
<b>Steam Pipe Size</b>	1" and above	4" and above	6" and above	6" and above	6" and above
<b>Pressure Rating</b>	150# to 2500#				
<b>Types</b>	Wafer, Lugged, Flanged, BWE	Probe Style	Probe Style / Wall Mounted	Probe Style	Probe Style
<b>Spray Nozzle Type</b>	Fixed Area Nozzle		Variable Area Nozzle	Fixed / Variable Area Nozzle	Steam Assist Fixed Area Nozzle
<b>Turndown / Rangeability</b>	4:1		Based on Temp Control Valve	20:1	50:1
<b>Nozzle C<sub>v</sub></b>	0.05 – 0.3	0.04 – 1.6	1.75 – 7.2	0.4 – 14	Custom
<b>Body Material</b>	A105, A182 Gr F11/F22/F91/F316				
<b>Nozzle Material</b>	SS 316 SS 316 Stellite SS 410 Nitrided SS 431 Nitrided DIN 410 Nitrided	SS 316 SS 316 Nitrided/ Stellite SS 410 Nitrided DIN 1.4122 Nitrided DIN 1.4144 Nitrided	Alloy 422 SS 316 A565 Gr 616	SS 316 Stellite SS 410 Nitrided SS 431 Nitrided DIN 1.4122 Nitrided DIN 1.4144 Nitrided	A105 A182 Gr F11 A182 Gr F22 A182 Gr F91 SS 431 Nitrided



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